December 31, 2018

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

Subject: 2017 - 2018 Periodic Review Report
Former Buffalo Color Corporation – Area C
Site No. C915231
OSC Project No. 16011

Dear Mr. Szymanski:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting this Periodic Review Report (PRR) for the Buffalo Color Area C Site (referred to hereafter as the "Site"). This PRR acts to chronicle and assess all post remedial activities conducted during the 2017 year and the first three quarters of 2018 (referred to hereafter as the "reporting period").

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

I. Executive Summary

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

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

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

- Excavation and off-Site disposal of soils containing constituents exceeding SCOs;
- Utilization of a bioremediation enhancement agent (Regenesis ORC-A) within source excavation backfill to promote the bioremediation of residual soil and groundwater contamination.
- Installation of an integrated Site-wide cover system to prevent human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and installation of a new storm sewer system;

- Execution and recording of an Environmental Easement to restrict land use and address future exposure to any remaining contamination at the Site; and
- Development and implementation of a Site Management Plan for long term management of remaining contamination.

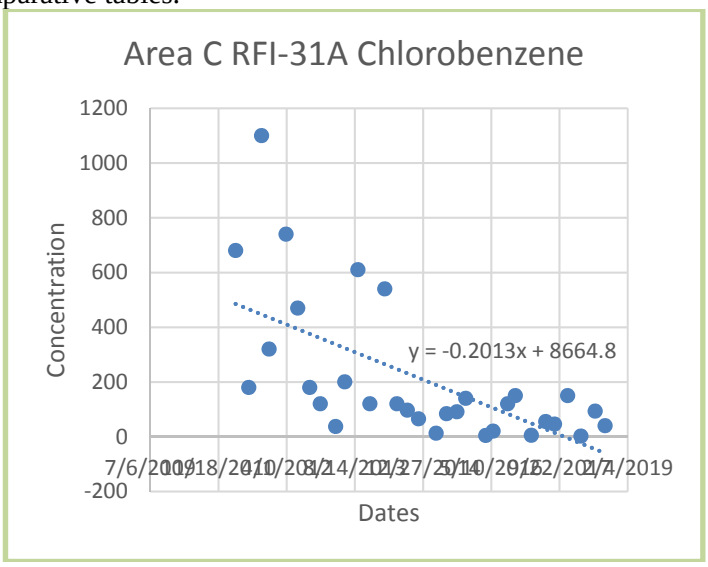
During the reporting period, the following routine Operations, Maintenance, and Monitoring (OMM) activities were completed in accordance with the Site Management Plan (SMP) prepared by Mactec Engineering and Consulting P.C. dated December 20, 2010 (referred to hereafter as the SMP):

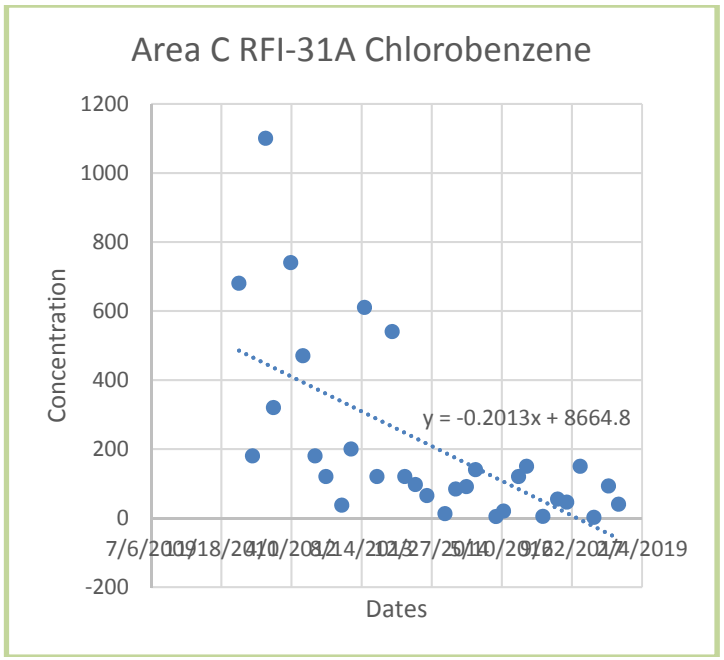
- Quarterly shallow groundwater sampling; and
- Quarterly Site inspections.

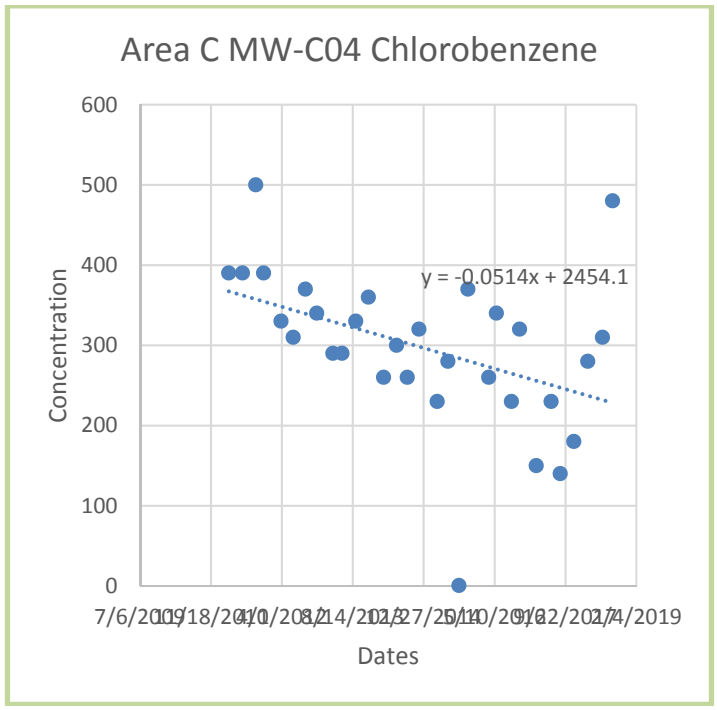
Tables summarizing groundwater monitoring results and figures showing the corresponding VOC concentrations are included in **Attachment C** for each of the quarterly sampling events covered within the reporting time period.

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

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







- Tabulated groundwater analytical data, concentration and groundwater elevation figures are provided in **Attachment C**.

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

D. Recommendations: The 2010 SMP will be revised as the redevelopment plans are implemented. As recommended, additional bioaugmentation and capping are proposed for the Site. Routine OMM activities will continue in the subsequent reporting period until the redevelopment actions begin. As the earthmoving is conducted, some adjustments to the monitoring program are proposed.

II. Site Overview

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

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

Beginning in July 2017, OSC began the demolition of the 30,000 square feet Ice House building. The building was taken down due to structural instability, and the work was completed in December 2017. OSC removed brick and rubble from the basement of the Boiler House between February 2018 and April 2018.

A Remedial Action Work Plan has been prepared for the site to increase the cover systems to allow restricted residential use of the property.

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

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

- Excavation and off-Site disposal of approximately 10,527 CY (in-place volume) of VOC-contaminated soils from two locations on the northern side of Area C to accomplish mass removal of the source material;

- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Utilization of an integrated Site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site;
- Introduction of enhancements for the natural attenuation of organic compounds in groundwater. Regenisis ORC-A was introduced in the backfill used to fill the remedial investigations and introduced in a number of wells on the Site.

- Abandonment/plugging of unused process sewers and installation of new storm sewer infrastructure, as appropriate;
- Execution and recording of an Environmental Easement in favor of NYSDEC to restrict land use and address future exposure to any remaining contamination at the Site. Elements of the Environmental Easement include prohibiting groundwater use, providing protocols for disturbance of Site and, soils and/or groundwater, limiting future land use to commercial or industrial use, and requiring that occupied structures associated with future development at the Site address the vapor intrusion (VI) pathway (either through construction methods or through additional characterization to ensure that the area over which the structure will reside does not present a potential VI concern); and
- Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

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

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

IV. IC/EC Plan Compliance Report

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

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

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

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

Compliance with the Site IC/EC's is evaluated through documented quarterly Site-wide and cover system inspections. Site-wide and cover system inspection sheets for the reporting period are provided in **Attachment B**.

No deficiencies or comments for concern were noted throughout the reporting period.

Approval for redevelopment of the property is expected in 2019. The RAWP for 2019 includes enhancements to the cover (minimum thickness shall be 2-feet), installation of sub-slab depressurization beneath structures to be occupied, improved stormwater management, and enhanced attenuation of constituents in groundwater.

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

V. Monitoring Plan Compliance Report

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

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

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

AREA C 2017-2018 QUARTERLY MONITORING COMPLIANCE SUMMARY

	2017				2018		
Monitoring Type	1st	2nd	3rd	4th	1st	2nd	3rd
Low-Flow Shallow Groundwater Well Sampling	X	X	X	X	X	X	X
Site-Wide & Cover System Inspections	X	X	X	X	X	X	X

AREA C 2017-2018 QUARTERLY WELL MONITORING SUMMARY

			2017				2018		
Well ID	*Monitoring Type*	*Monitoring Parameters*	1st	2nd	3rd	4th	1st	2nd	3rd
MW-C01	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X	X

RFI-31 / RFI-31A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X	X		
PS-04A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X	X		
MW-C04	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X	X		
RFI-20 / RFI-20A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X	X		
PS-05A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X	X		
PS-06	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X	X		

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

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

D. Monitoring Deficiencies: No monitoring deficiencies were observed.

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

VI. Operations and Maintenance Plan Compliance Report

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

VII. Overall PRR Conclusions

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

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

C. Future PRR Submittals: It is currently expected that the next PRR will be submitted on or about November 2019.

D. SBD is proposing redevelopment activities for the buildings located in Area C beginning in 2019. The proposal includes partial demolition of remaining buildings, enhancements to the capping system, enhancements to the stormwater management system, enhancements to the attenuation of compounds in groundwater, and addition of sub-slb depressurization systems. and addition of a parking area.

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

Sincerely,



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

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

FIGURE 1

FORMER BUFFALO COLOR CORPORATION SITE PLAN

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

Railroad Tracks

Area-A

Area-B

Area-C

Area-E

Owned by Others

Owned by Others

Owned by Others

Owned by Others

BCC OUTFALL 006

BCC OUTFALL 006 INV.=567.44', 36"

BUFFALO RIVER ELEVATION = 573.19'

FLOW

Buffalo River

PVS OUTFALL 004,

PVS OUTFALL 003,

PVS OUTFALL 002

PVS OUTFALL 001

BCC OUTFALL 011

SOUTH PARK AVE.

LEE STREET

PRENATT STREET

ELK STREET

OLANDO STREET

200 0 200

SCALE: 1"= 200'

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

1

P:\PROJECTS\South Buffalo Development\34100907O1\CADD\FINAL\Site Management Plan Figures\Area E SMP Figures\Area E - Figure 2 - Area ABCE Site Plan.dwg Thu, 18 Aug 2011 - 1:36pm esweiler

ATTACHMENT A

PRR NOTICE IC.EC CONTROLS CERTIFICATION FORM

RECEIVED AUG 2 7 2018

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway, 11th Floor, Albany, NY 12233-7020
P: (518)402-9543 | F: (518)402-9547
www.dec.ny.gov

8/21/2018

Jon Williams
President
SOUTH BUFFALO DEVELOPMENT LLC
333 GANSON STREET
Buffalo, NY 14203

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Buffalo Color Corporation Site Area C
Site No.: C915231
Site Address: 229 Elk Street
Buffalo, NY 14210

Dear Jon Williams:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **November 04, 2018**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Professional Engineer (PE). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact David Szymanski, the Project Manager, at 716-851-7220 or david.szymanski@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

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

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures
David Szymanski, Project Manager
Chad Staniszewski, Hazardous Waste Remediation Supervisor, Region 9
Eugene Melnyk, Project Manager
MACTEC ENGINEERING AND CONSULTING - PAT PONTORIERO - PPONTORIERO@amecfw.COM

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7)**:**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Site Management Periodic Review Report Notice

Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C915231

Site Name Buffalo Color Corporation Site Area C

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

Reporting Period: October 05, 2017 to October 05, 2018

	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? (SWPPP in RAWP)	✓	
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) (SEE NOTE 1)	✓	
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

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

NOTE 1 - THE ASSUMPTIONS IN THE QUALITATIVE EXPOSURE ASSESSMENT ARE VALID FOR THE REPORTING PERIOD. THE PROPOSED REDEVELOPMENT WILL ALTER THOSE ASSUMPTIONS IN 2019.

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

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

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

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

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

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

Box 4

Description of Engineering Controls

Parcel	Engineering Control
122.12-1-30	Cover System

- Cover System per Site Management Plan.

122.12-1-35	Cover System

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

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

   YES ✓ NO

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

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department; (NOTE 2)

   (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 _____

NOTE 2 – THE ENGINEERING CONTROLS WILL BE INCREASED IN 2014.

IC CERTIFICATIONS
SITE NO. C915231

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

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

am certifying as Owner (Owner or Remedial Party)

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

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

12/10/18
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 481 Carlisle Dr. #202, Herndon, Virginia 20170

print name | print business address

am certifying as a Professional Engineer for the Owner

(Owner or Remedial Party)

STATE OF NEW YORK
JOHN P. BLACK
No. 082818-1
LICENSED PROFESSIONAL ENGINEER

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

Stamp (Required for PE)

12/7/2018

Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

ATTACHMENT B

SITE INSPECTIONS

Area C Cover System & Site-Wide Compliance Inspection		**Area C Additional Notes**		Structure evaluation on Icehouse Bldg.	Took part of Ice House down, clean up	Some work being done on Bldg's
	Site-Wide Compliance (OK / Comment)	**Area C Institutional Site Use Restrictions**	OK	OK	OK	OK
		Area C O&M Schedule	OK	OK	OK	OK
		Area C Active Site Permits	None	None	None	None
		Area C Site Records	OK	OK	OK	OK
		Area C Groundwater Monitoring Program	OK	OK	OK	OK
	Cover System (OK / Comment)	**Area C Storm Drainage System & Structures**	OK	OK	OK	OK
		Area C Occupied Basement Slabs	None	None	None	None
		Area C Outdoor Paved Areas	OK	OK	OK	OK
		Area C Gravel Cover Integrity	OK	OK	OK	OK
		Area C Grass / Vegetation	OK	OK	OK	OK
		Area C Soil Cover Integrity	OK	OK	OK	OK
Pre-Inspection Data		**NYSDEC Invitation Extended (Yes / No / List Attendees)**	No	No	No	No
		Associate(s)	Tom Wagner	Tom Wagner	Tom Wagner	Tom Wagner
		Date	Wed 3/29/2017	Wed 6/14/2017	Thu 9/7/2017	Tue 11/21/2017

Area C Cover System & Site-Wide Compliance Inspection		**Area C Additional Notes**	Some work being done on Bldg's		
	Site-Wide Compliance (OK / Comment)	**Area C Institutional Site Use Restrictions**	OK	OK	OK
		Area C O&M Schedule	OK	OK	OK
		Area C Active Site Permits	None	None	None
		Area C Site Records	OK	OK	OK
		Area C Groundwater Monitoring Program	OK	OK	OK
	Cover System (OK / Comment)	**Area C Storm Drainage System & Structures**	OK	OK	OK
		Area C Occupied Basement Slabs	None	None	None
		Area C Outdoor Paved Areas	OK	OK	OK
		Area C Gravel Cover Integrity	OK	OK	OK
		Area C Grass / Vegetation	OK	OK	OK
		Area C Soil Cover Integrity	OK	OK	OK
Pre-Inspection Data		**NYSDEC Invitation Extended (Yes / No / List Attendees)**	No	YES- GENE, Dave	No
		Associate(s)	Tom Wagner	Tom Wagner	Tom Wagner
		Date	Thu 2/15/2018	Mon 6/4/2018	Wed 9/12/2018

ATTACHMENT C

GROUNDWATER DATA TABLES AND FIGURES

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorbenzene	1,4-Dichlorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
MW-C01	11/18/2009	24	<5	6.8	2.8 J	<5	<5	33.6	<5	<5	<10	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	6.2	1.2	5.7	1.2	<1	18	32.3	<5.6	<5.6	<11	2.3 J	<5.6	2.3
	9/30/2011	<4	<4	<4	<4	<4	<4	0	<5.9	<5.9	<12	0.63 J	<5.9	0.63
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.8	<4.8	<9.7	3.2 J	<4.8	3.2
	3/28/2012	3.1	2.2	29	8.3	<1	21	63.6	<4.7	<4.7	<9.4	1.1 J	<4.7	1.1
	6/22/2012	1.2	0.82 J	7.2	1	<1	2.8	13.02	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/17/2012	0.55 J	<1	2.1 J	<1	<1	<1	2.65	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/3/2012	0.5 J	<1	1.7	<1	<1	<1	2.2	<4.8	<4.8	<9.7	<4.8	<4.8	0
	3/27/2013	2.9	1.5	13	1.5	<1	3	21.9	<4.8	<4.8	<9.6	<4.8	<4.8	0
	6/1/2013	3.7	1.5	12	1.3	<1	3.8	22.3	<4.7	<4.7	<9.4	<4.7	<4.7	0.43
	9/5/2013	1	<1	2.9	<1	<1	0.88	4.78	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/2/2013	<4	<4	3.6	<4	<4	<4	3.6	<5	<5	<10	<5	<5	0
	3/21/2014	<1	<1	<1	<1	<1	1.7	1.7	<5	<5	<10	<5	<5	0
	6/19/2014	16	2.6	18	2.9	<1	4.2	43.7	<1.9	<9.4	<9.4	0.31 J	<1.9	3.46
	9/3/2014	1.8 J	<4	5.1	<4	<4	<4	6.9	<5	<5	<10	<5	<5	0
	11/24/2014	2.2	<1	5.7	<1	<1	1.4	9.3	<4.7	<4.7	<9.5	<4.7	<4.7	4.33
	4/2/2015	2.1 J	<4	<4	<4	<4	<4	2.1	<4.6	<4.6	<9.2	<4.6	<4.6	1.92
	6/17/2015	1.8 J	<4	<4	<4	<4	<4	1.8	<4.7	<4.7	<9.4	<4.7	<4.7	1.73
	9/2/2015	1.9	<1	4	<1	<1	1	6.9	<4.7	<4.7	<9.5	<4.7	<4.7	0
	11/5/2015	<1	<1	0.79 J	<1	<1	<1	0.79	<4.6	<4.6	<9.3	<4.6	<4.6	0
	3/30/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	1.1 J	<4.7	<4.7	1.66
	5/23/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	0.74 J	<4.7	<4.7	0.74
	9/7/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.3	0.48 J	<4.6	2.47
	11/3/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.2	<4.6	<4.6	0
	2/28/2017	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/13/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0.75
	8/17/2017	<1	<1	<1	<1	<1	<1	3.1	<5	<5	<10	1 J	<5	12.36
	11/21/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	1.3 J	<5	19.22
	2/27/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	1.1 J	<5	12.01
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	0.82 J	<5	8.57
	8/21/2018	<2	<2	<2	<2	<2	<2	0	<5	<5	<10	<5	<5	11.4
MW-C04		No Sample Collected												
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<8	<8	17	29	<8	390	436	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	<1	5.7	17	30	<1	390	442.7	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	<1	5.7	21	36	<1	500	562.7	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/25/2011	<4	4.2	16	29	<4	390	439.2	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	2.6 J	4.4	18	29	<1	330	384	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<1	4.6	16	29	<1	310	359.6	1.1 J	<4.7	0.61 J	<4.7	<4.7	1.71
	9/14/2012	<5	<5	9.4	17	<5	370 J	396.4	<4.8	<4.8	<9.6	<4.8	<4.8	0.92
	12/3/2012	<5	<5	15	27	<5	340	382	<4.9	<4.9	<9.8	<4.9	<4.9	2.41
	3/27/2013	<5	5.3	16	27	<5	290	338.3	<5	<5	<10	<5	<5	1.86
	5/31/2013	<5	5.7	16	28	<5	290	343.9	<4.8	<4.8	<9.5	<4.8	<4.8	1.53
	9/5/2013	<5	5.8	17	28	<5	330	380.8	0.72	<4.9	<9.7	<4.9	<4.9	3.03
	12/3/2013	<5	6.9	24	39	<5	360	429.9	<5	<5	<10	<5	<5	1.71
	3/20/2014	<5	5.4	19	30	<5	260	314.4	<5	<5	<10	<5	<5	1.51
	6/19/2014	<4	7.3	23	37	<4	300	369.4	0.48 J	<9.6	<9.6	<1.9	<1.9	0.48
	9/3/2014	<5	4.7 J	16	28	<5	260	308.7	<5	<5	<10	<5	<5	2.2
	11/24/2014	<5	6	22	36	<5	320	384	0.52 J	<5	<10	<5	<5	6.29
	4/2/2015	<5	4.5 J	20	31	<5	230	285.5	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/17/2015	<5	5.2	23	36	<5	280	358.2	<4.7	<4.7	<9.4	<4.7	<4.7	2.26
	9/2/2015	<1	<1	<1	<1	<1	<1	0	<5.2	<5.2	<10	<5.2	<5.2	0
	11/5/2015	<10	5	24	40	<10	370	439	0.72 J	<4.7	<9.4	<4.7	<4.7	8.25
	3/30/2016	<10	<10	21	34	<10	260	315	<4.7	<4.7	0.62 J	<4.7	<4.7	3.86
	5/23/2016	<10	<10	24	38	<10	340	402	<4.8	<4.8	<9.7	<4.8	<4.8	1.82
	9/7/2016	<10	<10	16	26	<10	230	272	<4.6	<4.6	<9.3	<4.6	<4.6	1.32
	11/3/2016	<10	<10	17	29	<10	320	366	<4.6	<4.6	<9.3	<4.6	<4.6	2.21
	2/28/2017	<10	<10	14	22	<10	150	198	<4.8	<4.8	<9.5	<4.8	<4.8	0
	6/13/2017	<10	<10	14	25	<10	230	269	<5	<5	<10	<5	<5	4.16
	8/17/2017	<10	<10	10	17	<10	140	167	<5	<5	<10	<5	<5	0
	11/21/2017	<1	2.8	16	30	<1	180	228.8	0.98 J	<5	<10	<5	<5	1.75
	2/27/2018	<1	4.6 J	24	41	<1	280	349.6	<5	<5	<10	<5	<5	0
	6/11/2018	<2	4.4	23	40	<2	310	377.4	3.3 J	<5	<10	<5	<5	5.4
	8/21/2018	<5	5.4	32	57	<5	480	574.4	5.0	<5	0.99 J	<5	<5	7.4

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	-	1	1	5	0	1	-
PS-04A	11/19/2009	<1	<1	<1	<1	<1	0.81 J	0.81	<6.2	<6.2	<12	<6.2	<6.2	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	No Sample Collected												
	9/30/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	11/25/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1	<1	<1	<1	<1	<1	0	<26	<26	<52	<26	<26	0
	6/22/2012	2.2	<1	<1	<1	<1	<1	2.2	No Sample Collected					
	9/14/2012	<1	<1	<1	<1	<1	<1	3.2	No Sample Collected					
	12/3/2012	<1	<1	<1	<1	<1	<1	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	0.73	<1	<1	<1	<1	<1	0.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	5/31/2013	<1	<1	<1	<1	<1	1.2	1.2	<5.1	<5.1	<10	<5.1	<5.1	0
	12/2/2013	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	3/20/2014	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	6/19/2014	<1	<1	<1	<1	<1	<1	0	<1.9	<9.7	<9.7	<1.9	<1.9	0
	11/24/2014	0.74 J	<1	<1	<1	<1	<1	0.74	<4.9	<4.9	<9.7	<4.9	<4.9	3.3
	4/2/2015	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.5	<4.7	<4.7	0
	6/17/2015	0.58 J	<1	<1	<1	<1	<1	0.58	<4.7	<4.7	<9.3	<4.7	<4.7	0.3
	9/2/2015	<1	5.2	23	36	<1	330	399.8	0.7 J	<4.9	<9.8	<4.9	<4.9	4.84
	11/5/2015	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/30/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	5/23/2016	<1	<1	<1	<1	<1	<1	0	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/3/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.3	<4.6	<4.6	0
	2/28/2017	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.3	<4.7	<4.7	0
	6/13/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	8/17/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	1.39
	11/21/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	1.5
	2/27/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
PS-05A	11/17/2009*	<1	5	<1	0.76 J	0.97 J	700	706.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	No Sample Collected												
	9/30/2011	<4	41	<4	<4	<4	1200	1241	<5.3	<5.3	<11	<5.3	<5.3	0
	11/25/2011	<4	11	<4	<4	<4	580	591	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1.4	13	<1	0.96 J	9.5	560	583.46	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<5	58	<5	<5	<5	870	928	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/17/2012	<4	<4	<4	<4	23 J	210	233	<9.8	<9.8	<20	<9.8	<9.8	2.3
	12/4/2012	<4	8.1	<4	<4	<4	490	498.1	<4.8	<4.8	<9.7	<4.8	<4.8	3.4
	3/26/2013	<8	<8	<8	<8	<8	330	337.5	<5	<5	<9.9	<5	<5	4.45
	5/31/2013	<8	8	<8	<8	<8	470	484.5	<4.8	<4.8	<9.6	<4.8	<4.8	8.1
	9/5/2013	<4	4.5	<4	<4	<4	310	329.2	<4.9	<4.9	<9.8	<4.9	<4.9	3.6
	12/2/2013	<4	4.1	<4	<4	<4	210	214.1	<5	<5	<10	<5	<5	1.7
	3/20/2014	<4	<4	<4	<4	16	330	346	<5	<5	<10	<5	0.64	3.44
	6/19/2014	<4	7.8	<4	<4	<4	330	337.8	<1.9	<9.5	<9.5	<1.9	<1.9	99.9
	9/3/2014	<4	<4	<4	<4	<4	220	220	<5	<5	<10	<5	0.67 J	55.37
	11/24/2014	<4	4.6	<4	<4	<4	270	274.6	<5	<5	<10	<5	<5	6.1
	4/2/2015	<4	3.6 J	<4	<4	10	320	333.6	<4.8	<4.8	<9.5	<4.8	<4.8	3.6
	6/17/2015	<4	9.6	<4	<4	<4	390	399.6	<4.7	<4.7	<9.4	<4.7	<4.7	2.9
	9/2/2015	<4	<4	<4	<4	<4	170	170	<5	<5	<10	<5	<5	1.7
	11/5/2015	<5	4.3 J	<5	<5	<5	280	284.3	<4.6	<4.6	<9.3	<4.6	<4.6	2.16
	3/30/2016	<5	<5	<5	<5	<5	180	180	<4.7	<4.7	<9.4	<4.7	<4.7	3
	5/23/2016	<5	4.1 J	<5	<5	<5	250	254.1	<5	<5	<10	<5	<5	1.1
	9/7/2016	<2	<2	<2	<2	<2	92 J	102.9	<5	<5	<9.9	<5	<5	0.53
	11/3/2016	<5	3.7	<5	<5	<5	250	277.7	<4.7	<4.7	<9.4	<4.7	<4.7	1.17
	2/27/2017	<5	<5	<5	<5	<5	110	131	<4.9	<4.9	<9.8	<4.9	<4.9	2.04
	6/13/2017	<5	<5	<5	<5	<5	260	260	<5	<5	<10	<5	<5	2.9
	8/17/2017	<5	14	<5	<5	<5	550	564	<5	<5	<10	<5	<5	5.4
	11/21/2017	<1	3.6	<1	0.38 J	<1	140	146.98	<5	<5	<10	<5	<5	2.5
	2/27/2018	<1	2.7	<1	<1	<1	160	162.7	<5	<5	<10	<5	<5	1.7
	6/11/2018	<2	28	<2	1.7 J	<2	740	769.7	<5	<5	<10	<5	<5	12
	8/22/2018	<10	<10	<10	<10	<10	360	360	<5	<5	<10	<5	<5	7.23

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	-	1	1	5	0	1	-
PS-06	11/17/2009	<1	<1	<1	<1	0.61 J	<1	0.61	<25	<25	<50	<25	<25	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<10	<10	<10	<10	<10	<10	0	<5.2	1.8 J	45	<5.2	1.9 J	48.7
	6/29/2011	<1	<1	<1	<1	2.7	<1	2.7	<4.7	1.3 J	36	<4.7	<4.7	37.3
	9/30/2011	<5	<5	<5	<5	<5	<5	0	<26	<26	8.9 J	<26	<26	8.9
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.7	1.3 J	11	<4.7	<4.7	12.3
	3/28/2012	<4	<4	<4	<4	<4	<4	0	<4.7	<4.7	2.9 J	<4.7	<4.7	2.9
	6/21/2012	<4	<4	<4	<4	<4	<4	0	<4.7	0.75 J	3.5 J	<4.7	<4.7	4.25
	9/14/2012	No Sample Collected												
	12/4/2012	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	<5	<5	<5	<5	<5	<5	4.6	<25	<25	<49	<25	<25	0
	5/31/2013	<5	<5	<5	<5	<5	<5	3.1	<4.9	<4.9	0.63	<4.9	<4.9	0.98
	9/5/2013	<5	<5	<5	<5	<5	<5	0	<4.8	<4.8	0.74	<4.8	<4.8	0.74
	12/2/2013	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	0.47
	3/21/2014	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	1.3
	6/19/2014	<1	<1	<1	<1	<1	<1	1.2	<1.9	<9.5	<9.5	<1.9	<1.9	1.68
	9/3/2014	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	0
	11/24/2014	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	3.1
	4/2/2015	<5	<5	<5	<5	<5	<5	0	<4.7	<4.7	0.59 J	<4.7	<4.7	0.59
	6/17/2015	<5	<5	<5	<5	<5	<5	0	<4.7	<4.7	<9.3	<4.7	<4.7	0
	9/1/2015	<5	<5	<5	<5	<5	<5	13	<4.8	<4.8	<9.6	<4.8	<4.8	0
	11/4/2015	<5	<5	<5	<5	<5	<5	0	<23	<23	<47	<23	<23	0
	3/29/2016	<5	<5	<5	<5	<5	<5	2.3	<4.7	<4.7	<9.5	<4.7	<4.7	0.31
	5/23/2016	<1	<1	1.1	<1	<1	1.6	7.9	<5.1	<5.1	0.67 J	<5.1	<5.1	1.53
	9/7/2016	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	11/3/2016	<5	<5	<5	<5	<5	<5	0	<4.6	<4.6	<9.3	<4.6	<4.6	0
	2/27/2017	<1	<1	<1	<1	<1	<1	3.6	<4.8	<4.8	<9.7	<4.8	<4.8	0
	6/13/2017	<2	<2	<2	<2	<2	<2	1.2	<5	<5	<10	<5	<5	0
	8/17/2017	<5	<5	<5	<5	<5	<5	0	<25	<25	<50	<25	<25	0
	11/21/2017	<1	<1	<1	<1	<1	<1	1.1	<25	<25	<50	<25	<25	0
	2/27/2018	<1	<1	<1	<1	<1	<1	1	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	8/21/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
RFI-20A	11/19/2009	130	11	<1	2	7.6	5900	6050.6	<5	<5	<9.9	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	180	16	<5	<5	120	3000	3316	<24	<24	<47	<24	<24	0
	6/29/2011	130	<50	<50	<50	25 J	5900	6055	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	34	3.8	<1	2.3	4.8	1100	1144.9	0.75 J	<5.3	<11	<5.3	<5.3	0.75
	11/25/2011	280	24	<4	<4	4	2100	2408	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	74 J	5	<1	1.8 J	11 J	6600	6691.8	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<80	<80	<80	<80	<80	6700	6700	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/14/2012	270	<100	<100	<100	<100	8700	8727	<4.8	<4.8	<9.6	<4.8	<4.8	8.7
	12/3/2012	<100	<100	<100	<100	<100	4600	4600	<4.9	<4.9	<9.8	<4.9	<4.9	2.1
	3/26/2013	21	2.1	<1.4	1	280	6500	6804.1	<5	<5	<9.9	<5	<5	2.2
	5/31/2013	<100	<100	<100	<100	410	6400	6863	<4.8	<4.8	<9.6	<4.8	0.66	8.16
	9/5/2013	<100	<100	<100	<100	51	6900	6951	<4.8	<4.8	<9.7	<4.8	<4.8	1.3
	12/2/2013	<100	<100	<100	<100	61	8200	8261	<5	<5	<10	<5	<5	0
	3/20/2014	<100	<100	<100	<100	370	9400	9770	<5	<5	<10	<5	0.39	4.99
	6/18/2014	ORC Application												
	6/19/2014	<100	<100	<100	<100	<100	9600	9600	<1.9	<9.6	<9.6	<1.9	<1.9	12
	9/3/2014	7.3	<5	<5	<5	<5	61	68.3	0.86 J	<5	<10	<5	<5	2.96
	11/24/2014	3.4	<1	<1	<1	<1	28	31.4	<5	<5	<10	<5	<5	3.3
	4/2/2015	0.55 J	<1	<1	<1	1	57	62.45	<4.7	<4.7	<9.5	<4.7	<4.7	0
	6/17/2015	<5	<5	<5	<5	<5	41	41	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/1/2015	<5	<5	<5	<5	<5	32	52	<4.7	<4.7	<9.4	<4.7	<4.7	0
	11/4/2015	<1	<1	<1	<1	<1	41	41	<4.7	<4.7	<9.4	<4.7	<4.7	4.7
	3/30/2016	<1	<1	<1	<1	0.43 J	35	35.43	<4.6	<4.6	<9.3	<4.6	<4.6	0
	5/23/2016	<1	<1	<1	<1	<1	24	27	<4.9	<4.9	<9.8	<4.9	<4.9	0
	9/7/2016	2.7	<1	<1	<1	<1	24	29.98	<4.8	<4.8	<9.6	<4.8	<4.8	0
	11/3/2016	<1	<1	<1	<1	<1	7	7	<4.6	<4.6	<9.2	<4.6	<4.6	0
	2/27/2017	<1	<1	<1	<1	<1	13	13	<4.8	<4.8	<9.6	<4.8	<4.8	0
	6/13/2017	<1	<1	<1	<1	<1	22	22	<5	<5	<10	<5	<5	0
	8/17/2017	<1	<1	<1	<1	<1	25	25	<5	<5	<10	<5	<5	0
	11/21/2017	<1	<1	<1	<1	<1	12	12	<5	<5	<10	<5	<5	4.18
	2/27/2018	<1	<1	<1	<1	<1	15	15	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	19	19	<5	<5	<10	<5	<5	0
	8/22/2018	<1	<1	<1	<1	<1	57	60.9	<5	<5	<10	<5	<5	0.35 J

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	-	1	1	5	0	1	-
	11/19/2009	1200	8.6 J	1600	110	9.6 J	830	3758.2	7.9	<5.5	<11	<5.5	0.47 J	8.37
	10/10 - 11/10	ORC-A Application												
	3/24/2011	1100	7.1	1000	69	9.5	680	2865.6	3.8 J	<25	<50	<25	<25	3.8
	6/29/2011	330	2	200	15	2.8	180	729.8	0.57 J	<4.8	<9.6	<4.8	<4.8	0.57
	9/30/2011	2000	8.6	340	34	17	1100	3499.6	25 J	<5.4	<11	<5.4	<5.4	25
	11/25/2011	410	<4	180	15	<4	320	925	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/28/2012	1900	10	960	69	9.7	740	3688.7	0.81	<4.8	2.5 J	<4.8	<4.8	3.31
	6/22/2012	820	4.2	250	22	7.5	470	1573.7	0.87 J	<4.7	2 J	<4.7	<4.7	2.87
	9/17/2012	230	<4	160	11	3 J	180	584	<4.8	<4.8	1.5 J	<4.8	<4.8	6.9
	12/4/2012	250	<4	280	18	<4	120	668	<4.9	<4.9	<9.8	<4.9	<4.9	1.2
	3/27/2013	400	<4	780	22	<4	37	1239	4.5	<4.9	1.4	<4.9	<4.9	8.76
	6/1/2013	400	<10	610	22	<10	200	1239.5	4.1	<4.7	1.4	<4.7	<4.7	7.9
	9/5/2013	610	<10	1300	66	10	610	2596	14	<4.8	1.6	<4.8	<4.8	25.3
	12/3/2013	350	<10	730	32	<10	120	1232	1.3	<5	<10	<5	<5	3.24
	3/21/2014	450	<10	1700	86	6.7	540	2782.7	<5	<5	1.7	<5	0.45	11.22
	6/19/2014	130	<5	390	19	<5	120	664	<2	<9.8	<9.8	<2	<2	0
RFI-31A	9/3/2014	1100	27	<25	<25	<25	97	1224	<5	<5	<10	<5	1.3 J	7.06
	11/24/2014	310	13	5.9	49	2.3 J	65	445.2	1.9 J	<5	<10	<5	<5	8.44
	4/2/2015	84	<25	<25	<25	<25	<25	84	<4.6	<4.6	<9.3	<4.6	<4.6	0
	6/17/2015	670	21 J	<25	24 J	<25	84	799	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/2/2015	420	15	15	18	<10	91	559	0.61 J	<4.8	<9.6	<4.8	<4.8	0.61
	11/5/2015	1000	35	82	43	<20	140	1300	0.92 J	<4.7	<9.4	<4.7	<4.7	2.32
	3/30/2016	100	4.4	120	14	<2	4.5	244.8	1.4 J	<4.7	0.63 J	<4.7	<4.7	2.03
	5/23/2016	260	10	170	20	<5	20	480	0.93 J	<4.7	<9.4	<4.7	<4.7	0.93
	9/7/2016	710	31	550	55	<25	120	1466	2 J	<4.6	0.64 J	<4.6	<4.6	2.64
	11/3/2016	580	34	700	66	<25	150	1530	2.1 J	<4.6	<9.2	<4.6	<4.6	3.17
	2/28/2017	29	<10	78	<10	<10	<10	126	0.61 J	<4.7	<9.4	<4.7	<4.7	0.61
	6/13/2017	140 J	9.9	220 J	18	<8	55	442.9	0.9 J	<5	<10	<5	<5	0.9
	8/17/2017	110	5	120	10	<10	46	291	1.1 J	<5	<10	<5	<5	1.1
	11/21/2017	450	33	420	55	1.8	150	1110.1	1.2 J	<5	<10	<5	<5	3.21
	2/27/2018	16	<2	8.5	<2	<2	2.1	26.6	0.51 J	<5	<10	<5	<5	0.51
	6/11/2018	540	21	93	19	<10	93	745	0.64 J	<5	<10	<5	<5	0.86
	8/22/2018	130	<!0	51	<100	<10	40	221	1.3 J	<5	<10	<5	<5	1.71

Notes:

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

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

J - Result is estimated

F1 - MS/MSD RPD exceeds control limits

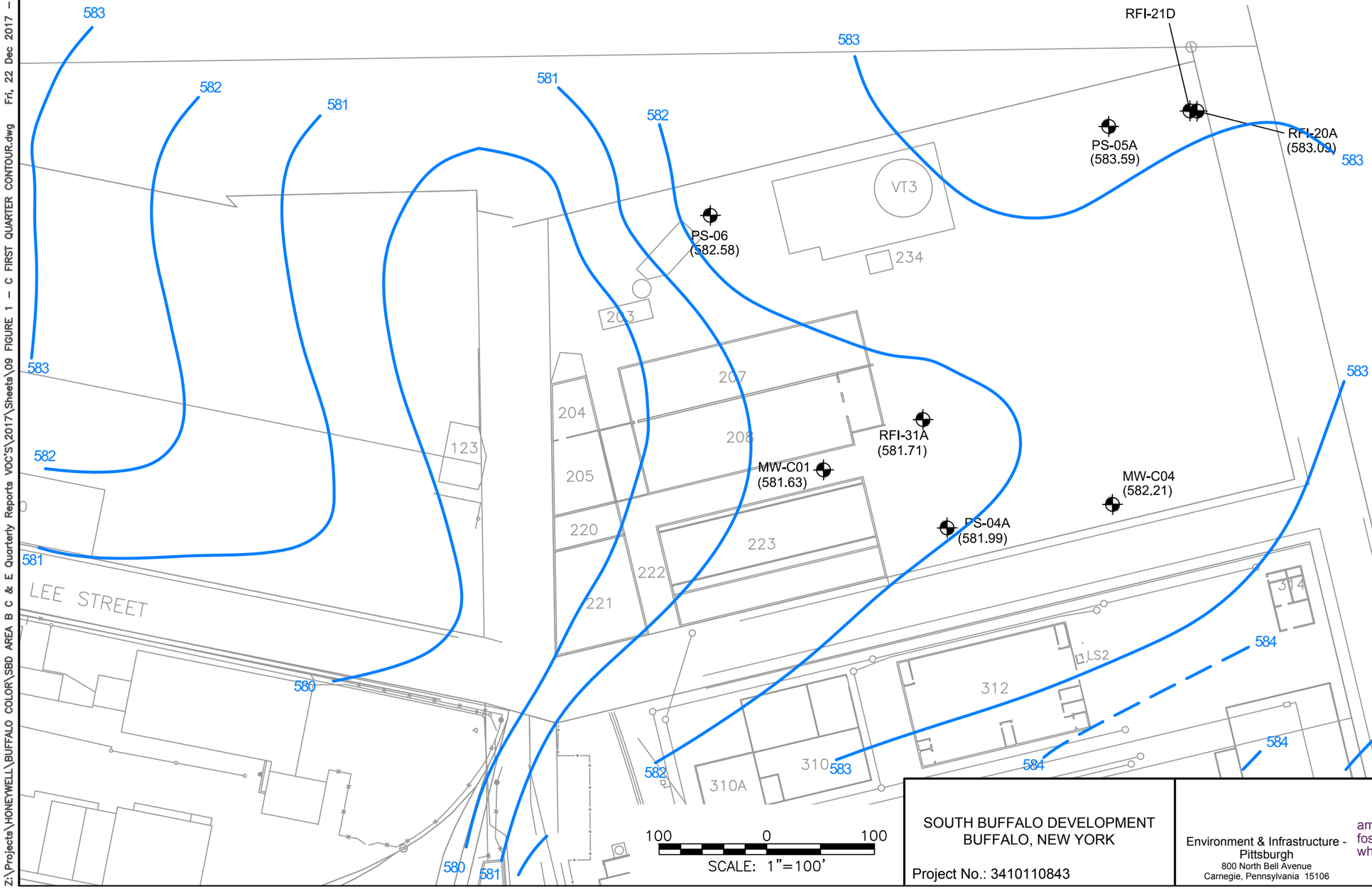
Results are shown in µg/L.

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

DRAWN BY: JMF 12/22/17 APPROVED BY: ELR

LEGEND

PS-04 (581.54) Monitoring Well Location with Groundwater Elevation (FT-MSL)



SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106 amec foster wheeler	FIRST QUARTER 2017 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - C Figure: 1	1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\09 FIGURE 1 - C FIRST QUARTER CONTOUR.dwg Fri, 22 Dec 2017 - 1:34pm john.french

DRAWN BY: JMF 12/22/17 APPROVED BY: ELR

LEGEND

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

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

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

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

02/28/2017 = Sample Data

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



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

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

amec foster wheeler

FIRST QUARTER 2017
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\13 FIGURE 2 - C FIRST QUARTER VOC.dwg Thu, 11 Jan 2018 - 8:26am john.french

DRAWN BY: JMF 12/22/17 APPROVED BY: ELR

LEGEND

PS-04 (581.54) Monitoring Well Location with Groundwater Elevation (FT-MSL)

583
582
582
582
581
580
580
581
582
583

RFI-21D
RFI-20A (583.57)
PS-05A (583.74)
PS-06 (582.58)
RFI-31A (581.72)
MW-C01 (581.36)
MW-C04 (582.19)
PS-04A (581.90)

VT3
234
203
207
204
208
205
220
223
222
221
123
LEE STREET
314
LS2
312
310
310A

100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106 amec foster wheeler	SECOND QUARTER 2017 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - C Figure: 1	1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\10 FIGURE 1 - C SECOND QUARTER CONTOUR.dwg Fri, 22 Dec 2017 - 1:34pm john.french

DRAWN BY: JMF 12/22/17 APPROVED BY: ELR

LEGEND

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

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

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

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

06/13/2017 = Sample Date

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

RFI-21D

RFI-20A (22.0)

PS-05A (260.0)

PS-06 (1.2)

(442.9) RFI-31A

MW-C01 (0.0)

MW-C04 (269.0)

PS-04A (0.0)

VT3

234

203

207

204

208

205

220

223

222

221

123

LEE STREET

314

LS2

312

310

310A

100 0 100

SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

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

amec foster wheeler

SECOND QUARTER 2017
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\14 FIGURE 2 - C SECOND QUARTER VOC.dwg Fri, 22 Dec 2017 - 1:35pm john.french

DRAWN BY: JMF 12/22/17 APPROVED BY: ELR

LEGEND

PS-04 (581.54) Monitoring Well Location with Groundwater Elevation (FT-MSL)

RFI-21D
583
RFI-20A (583.05)
PS-05A (582.96)
PS-06 (582.66)
RFI-31A (581.58)
MW-C01 (581.60)
MW-C04 (581.92)
PS-04A (581.79)
582
581
580
VT3
234
203
207
204
208
205
220
223
222
221
123
LEE STREET
314
LS2
312
310
310A
583
582
582
583
583
582
580
581
100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106 amec foster wheeler	THIRD QUARTER 2017 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - C Figure: 1	1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\11 FIGURE 1 - C THIRD QUARTER CONTOUR.dwg Fri, 22 Dec 2017 - 1:34pm john.french

DRAWN BY: JMF 12/22/17 APPROVED BY: ELR

LEGEND

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

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

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

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

NS Not Sampled

08/17/2017 = Sample Date

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



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

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

THIRD QUARTER 2017
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\15 FIGURE 2 - C THIRD QUARTER VOC.dwg Thu, 11 Jan 2018 - 8:22am john.french

DRAWN BY: JMF 12/22/17 APPROVED BY: ELR

LEGEND

PS-04 (581.54) Monitoring Well Location with Groundwater Elevation (FT-MSL)

582 583 581 580 579

RFI-21D

RFI-20A (582.83)

PS-05A (582.88)

PS-06 (581.97)

RFI-31A (581.42)

MW-C01 (581.63)

MW-C04 (581.74)

PS-04A (581.25)

VT3 234 203 207 204 208 205 220 223 222 221 123 LEE STREET 314 LS2 312 310 310A

100 0 100

SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

Environment & Infrastructure - Pittsburgh
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Carnegie, Pennsylvania 15106

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FOURTH QUARTER 2017
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - C
Figure: 1

1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\12 FIGURE 1 - C FOURTH QUARTER CONTOUR.dwg Fri, 22 Dec 2017 - 1:35pm john.french

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LEGEND

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

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

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

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

NS Not Sampled

11/21/2017 = Sample Date

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



SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106 amec foster wheeler	FOURTH QUARTER 2017 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - C Figure: 2	2

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\2017\Sheets\16 FIGURE 2 – C FOURTH QUARTER VOC.dwg Fri, 22 Dec 2017 – 1:36pm john.french

D

40' 20' 0' 40'

1" = 40'

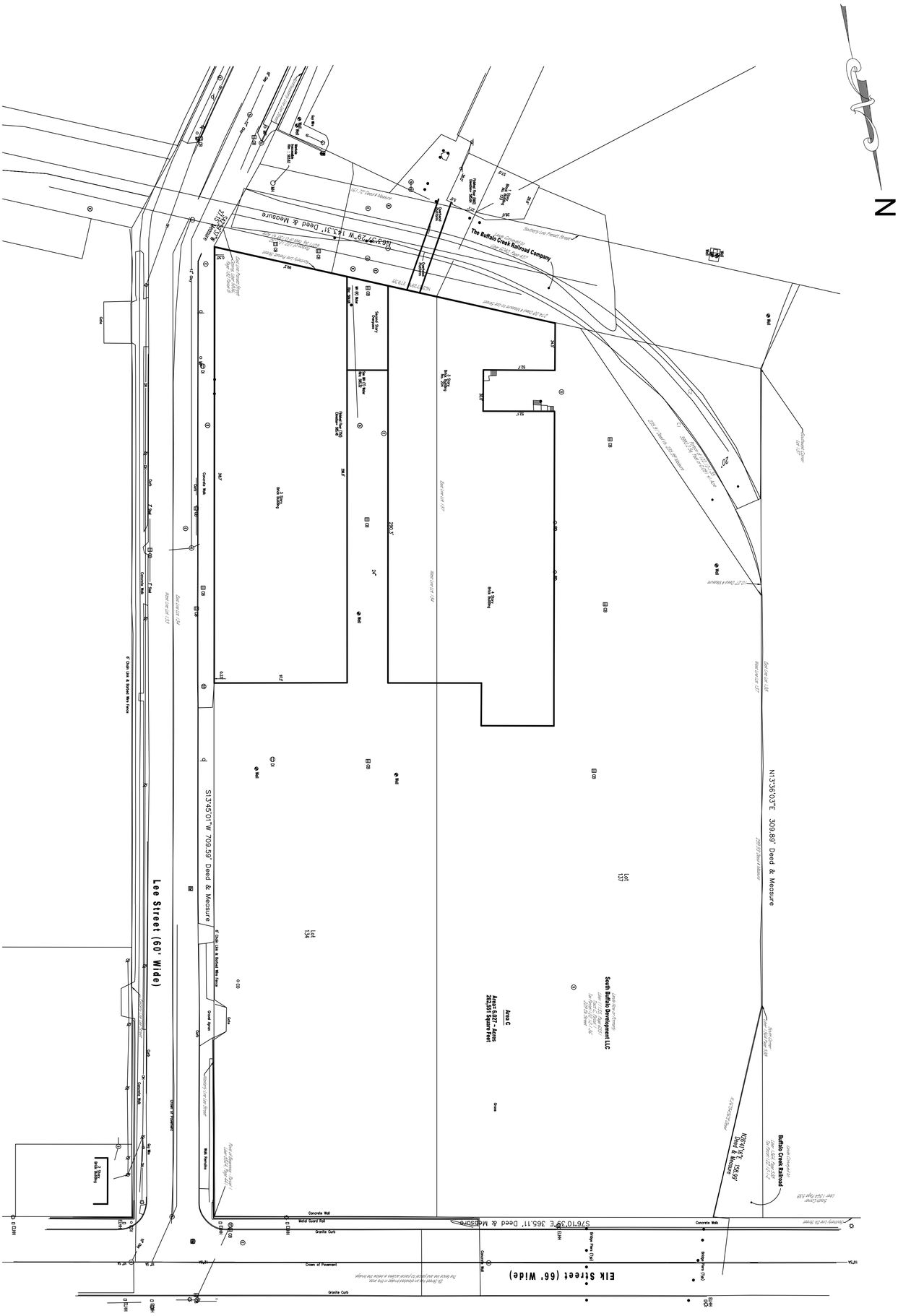

FIGURE 1

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SOUTH BUFFALO DEVELOPMENT
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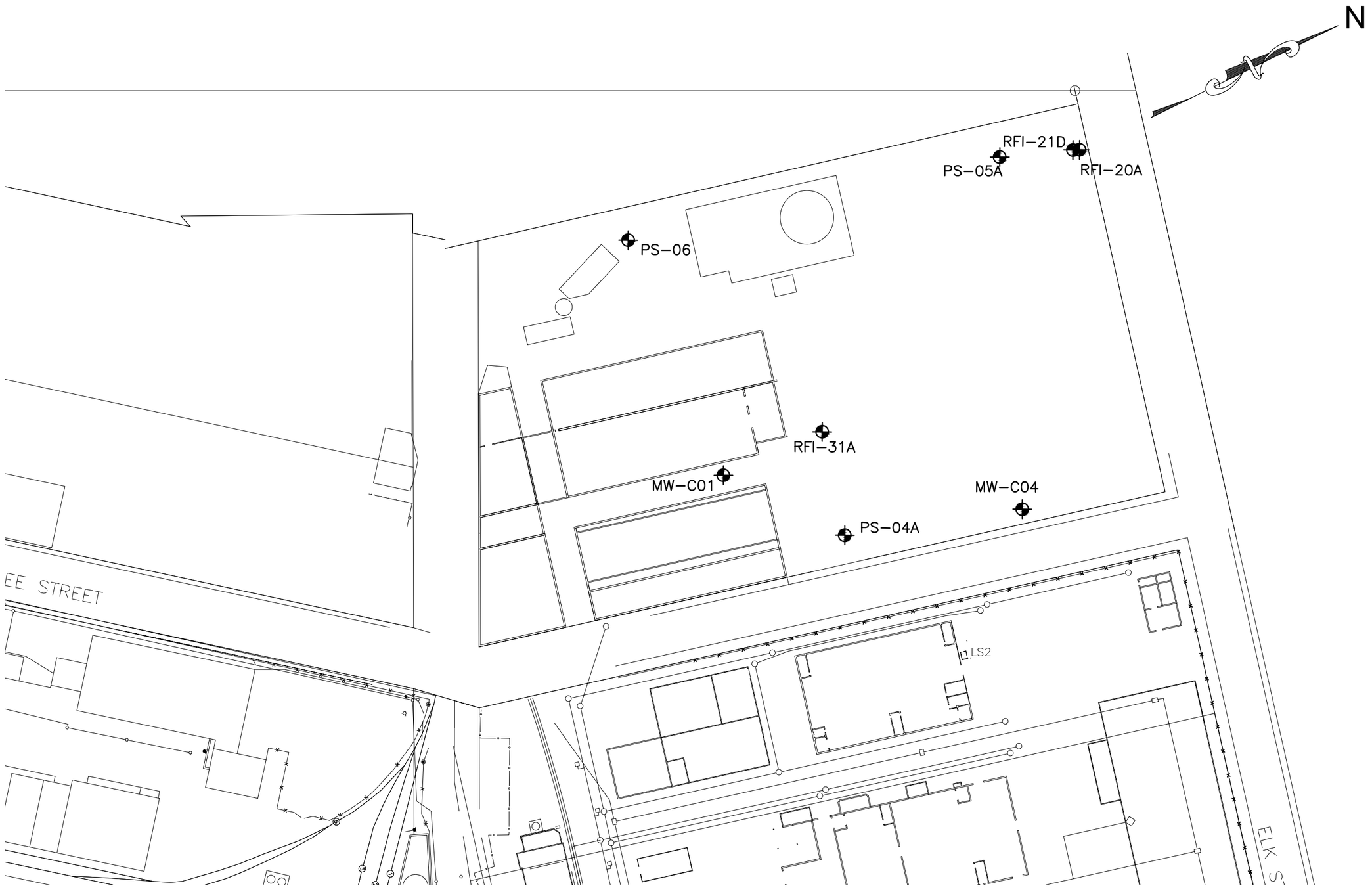

B

1" = 100'

100' 50' 0' 100'

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GROUNDWATER MONITORING EVENT BUFFALO COLOR AREA C BUFFALO, NEW YORK

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FIGURE 02

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		1,2,4-Trichlorobenzene µg/L	1,2-Dichlorobenzene µg/L	1,3-Dichlorobenzene µg/L	1,4-Dichlorobenzene µg/L	Benzene µg/L	Chlorobenzene µg/L	Total TCL VOCs µg/L	2,4-Dichlorophenol µg/L	2,4-Dimethylphenol µg/L	Acetone µg/L	Benzo(a)pyrene µg/L	Phenol µg/L	Total TCL SVOCs µg/L
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
PS-06	8/17/2017	<5	<5	<5	<5	<5	<5	0	<25	<25	<50	<25	<25	0
	11/21/2017	<1	<1	<1	<1	<1	<1	1.1	<25	<25	<50	<25	<25	0
	2/27/2018	<1	<1	<1	<1	<1	<1	1	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	8/21/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0

		1,2,4-Trichlorobenzene µg/L	1,2-Dichlorobenzene µg/L	1,3-Dichlorobenzene µg/L	1,4-Dichlorobenzene µg/L	Benzene µg/L	Chlorobenzene µg/L	Total TCL VOCs µg/L	2,4-Dichlorophenol µg/L	2,4-Dimethylphenol µg/L	Acetone µg/L	Benzo(a)pyrene µg/L	Phenol µg/L	Total TCL SVOCs µg/L
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
MW-C01	8/17/2017	<1	<1	<1	<1	<1	<1	3.1	<5	<5	<10	1.J	<5	12.36
	11/21/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	1.3 J	<5	19.22
	2/27/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	1.1 J	<5	12.01
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	0.82 J	<5	8.57
	8/21/2018	<2	<2	<2	<2	<2	<2	0	<5	<5	<10	<5	<5	11.4

		1,2,4-Trichlorobenzene µg/L	1,2-Dichlorobenzene µg/L	1,3-Dichlorobenzene µg/L	1,4-Dichlorobenzene µg/L	Benzene µg/L	Chlorobenzene µg/L	Total TCL VOCs µg/L	2,4-Dichlorophenol µg/L	2,4-Dimethylphenol µg/L	Acetone µg/L	Benzo(a)pyrene µg/L	Phenol µg/L	Total TCL SVOCs µg/L
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
RFI-31A	8/17/2017	110	5	120	10	<10	46	291	1.1 J	<5	<10	<5	<5	1.1
	11/21/2017	450	33	420	55	1.8	150	1110.1	1.2 J	<5	<10	<5	<5	3.21
	2/27/2018	16	<2	8.5	<2	<2	2.1	26.6	0.51 J	<5	<10	<5	<5	0.51
	6/11/2018	540	21	93	19	<10	93	745	0.64 J	<5	<10	<5	<5	0.86
	6/22/2018	130	<10	51	<100	<10	40	221	1.3 J	<5	<10	<5	<5	1.71

		1,2,4-Trichlorobenzene µg/L	1,2-Dichlorobenzene µg/L	1,3-Dichlorobenzene µg/L	1,4-Dichlorobenzene µg/L	Benzene µg/L	Chlorobenzene µg/L	Total TCL VOCs µg/L	2,4-Dichlorophenol µg/L	2,4-Dimethylphenol µg/L	Acetone µg/L	Benzo(a)pyrene µg/L	Phenol µg/L	Total TCL SVOCs µg/L
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
RFI-20A	8/17/2017	<1	<1	<1	<1	<1	25	25	<5	<5	<10	<5	<5	0
	11/21/2017	<1	<1	<1	<1	<1	12	12	<5	<5	<10	<5	<5	4.18
	2/27/2018	<1	<1	<1	<1	<1	15	15	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	19	19	<5	<5	<10	<5	<5	0
	8/22/2018	<1	<1	<1	<1	<1	57	60.9	<5	<5	<10	<5	<5	0.35 J

		1,2,4-Trichlorobenzene µg/L	1,2-Dichlorobenzene µg/L	1,3-Dichlorobenzene µg/L	1,4-Dichlorobenzene µg/L	Benzene µg/L	Chlorobenzene µg/L	Total TCL VOCs µg/L	2,4-Dichlorophenol µg/L	2,4-Dimethylphenol µg/L	Acetone µg/L	Benzo(a)pyrene µg/L	Phenol µg/L	Total TCL SVOCs µg/L
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
MW-C04	8/17/2017	<10	<10	10	17	<10	140	167	<5	<5	<10	<5	<5	0
	11/21/2017	<1	2.8	16	30	<1	180	228.8	0.98 J	<5	<10	<5	<5	1.75
	2/27/2018	<1	4.6 J	24	41	<1	280	349.6	<5	<5	<10	<5	<5	0
	6/11/2018	<2	4.4	23	40	<2	310	377.4	3.3 J	<5	<10	<5	<5	5.4
	8/21/2018	<5	5.4	32	57	<5	480	574.4	5.0	<5	0.99 J	<5	<5	7.4

		1,2,4-Trichlorobenzene µg/L	1,2-Dichlorobenzene µg/L	1,3-Dichlorobenzene µg/L	1,4-Dichlorobenzene µg/L	Benzene µg/L	Chlorobenzene µg/L	Total TCL VOCs µg/L	2,4-Dichlorophenol µg/L	2,4-Dimethylphenol µg/L	Acetone µg/L	Benzo(a)pyrene µg/L	Phenol µg/L	Total TCL SVOCs µg/L
Class GA Standard**		5	3	3	3	1	5	--	1	1	5	0	1	--
PS-04A	8/17/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	1.39
	11/21/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	1.5
	2/27/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0

D

1" = 100'

100' 50' 0' 100'

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GROUNDWATER DATA
GROUNDWATER
MONITORING EVENT
BUFFALO COLOR AREA C
BUFFALO, NEW YORK

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FIGURE 03

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100' 50' 0' 100'

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GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING
FIRST QUARTER 2018
BUFFALO COLOR AREA C
BUFFALO, NEW YORK

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FIGURE 04

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1" = 100'

100' 50' 0' 100'

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GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING
SECOND QUARTER 2018
BUFFALO COLOR AREA C
BUFFALO, NEW YORK

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FIGURE 05

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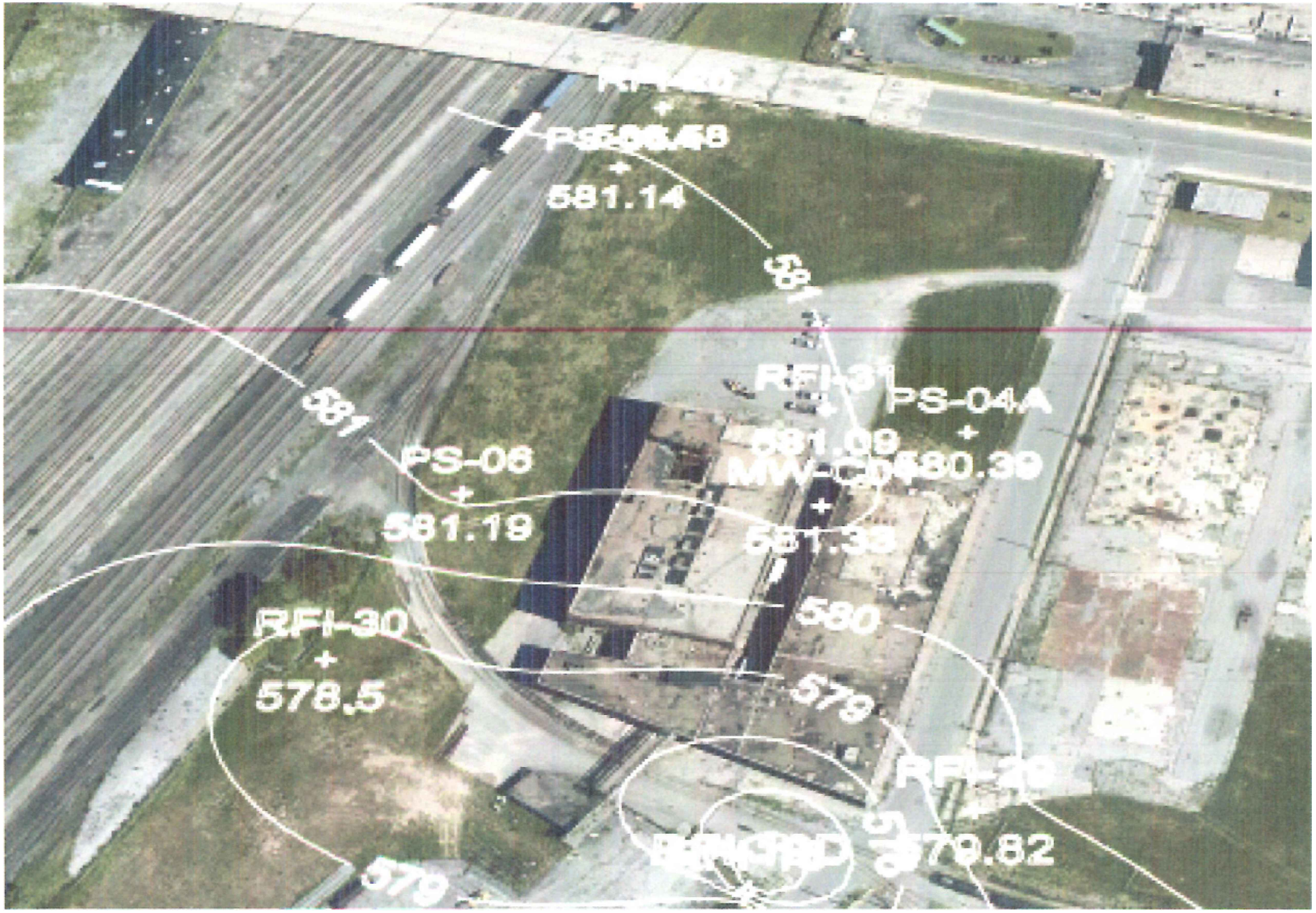

N

B

1" = 100'

100' 50' 0' 100'

GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING
THIRD QUARTER 2018
BUFFALO COLOR AREA C
BUFFALO, NEW YORK

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FIGURE 06

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ATTACHMENT D

DATA USABILITY SUMMARY REPORTS

DATA VALIDATION SUMMARY REPORT
AREA C 2017 GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Prepared for

Honeywell
THE POWER OF CONNECTED

115 Tabor Road
Morris Plains, New Jersey 07950

Prepared by

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

DECEMBER 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 quarterly sampling events in February, June, August and November 2017. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York and results were reported in data packages 480-114013-1, 480-1194268-1, 480-122870-1 and 480-127895-1. 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 by USEPA Method SW846 8260C
- Semivolatile organic compounds by USEPA Method SW846 8270D
- Metals by USEPA Method SW846 6010C/7470A

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

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

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

A Honeywell Level II data validation was completed on the entire data set and data validation findings from the Level II validation are reported in Section 2. Data QC reviews are completed using laboratory QC summary forms and the Locus Technology Environmental Information Management (EIM) system. The EIM system has a computerized data validation module that performs data validation for QC checks specified for Level II validation. Sample results and associated QC data are compared to project specific QC limits that are set up by the project chemist prior to running the validation module. The EIM assigns validation reason codes to all results that are associated with QC measurements outside project QC goals, and the validation module applies data validation qualifiers to the final results. The data qualification actions are reviewed by the project chemist prior to accepting the final data.

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

U = The target compound was not detected at a concentration greater than, or equal to, the quantitation limit.

J = The reported concentration is considered an estimated value.

UJ = The target compound was not detected and the reporting limit is considered to be estimated.

R= The result is rejected and is considered to be unusable

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

LCSL=LCS recovery less than the lower 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 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/LCSD

  MS/MSD
* Field Duplicates
* Surrogate Spikes

  Reporting Limits
* Data Completeness
* Electronic Data Verification

* - Criteria were met for this parameter.

February Event

Reporting Limits

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

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C RFI-31_0217	480-114013-2	SW8260	10
BCC Area C MW-C04_0217	480-114013-4	SW8260	10
BCC Area C PS-05A_0217	480-114013-6	SW8260	5
BCC Area C PS-06 D_0217	480-114013-8	SW8260	5

June Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area C RFI-31-0617. The MS and/or MSD percent recoveries for 1,2,4-trichlorobenzene (68/69) and 1,3-dichlorobenzene (70/65) were less than the QC limit of 70, which indicate low bias. Results of these compounds in samples BCC Area C RFI-31-0617 were qualified as estimated (J) with reason code MSL and/or MSDL.

Reporting Limits

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

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C RFI-31-0617	480-119426-2	SW8260	8
BCC Area C MW-C04-0617	480-119426-4	SW8260	10
BCC Area C PS-05A-0617	480-119426-6	SW8260	5
BCC Area C PS-06-0617	480-119426-7	SW8260	2

August Event

Reporting Limits

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

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C RFI-31 D_0817	480-122870-8	SW8260	5
BCC Area C RFI-31_0817	480-122870-2	SW8260	10
BCC Area C MW-C04_0817	480-122870-4	SW8260	10
BCC Area C PS-05A_0817	480-122870-6	SW8260	5
BCC Area C PS-06_0817	480-122870-7	SW8260	5

November Event

No QC issues observed

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.

February Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolacatam (41) in SDG 480-114013-1, which may indicate low bias. Reporting limits for

caprolactam 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 C PS-06_0217. The MS and MSD percent recovery for 3,3-dichlorobenzidine (5/14) was less than project limits. Recovery in the MS was less than 10 percent. The MS and/or MSD percent recoveries for 4-chloroaniline (41/47), aniline (44/57) and caprolactam (36/36) were less than the QC limit of 50, which indicate low bias. Reporting limits for 3,3-dichlorobenzadiene in samples BCC Area C PS-06 D_0217and BCC Area C PS-06 D_0217 were qualified as rejected (R) due to the very low recovery. 4-Chloroaniline, aniline and caprolactam were not detected in samples BCC Area C PS-06 D_0217and BCC Area C PS-06 D_0217 and reporting limits were qualified as estimated (UJ) with reason code MSL and/or MSDL.

June Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for caprolactam (45) and hexachlorocyclopentadiene (47) in SDG 480-119426-1, which may indicate low bias. These compounds 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 C MW-C01-0617. The MS and MSD percent recoveries for caprolactam (41/41) were less than the QC limit of 50, which indicate low bias. Caprolactam was not detected in samples BCC Area C MW-C01-0617 and BCC Area C MW-C01D-0617 and reporting limits were qualified as estimated (UJ) with reason code MSL and MSDL.

August Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent caprolactam (37) in SDG 480-122870-1, which may indicate low bias. Reporting limits for this

compound 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 C RFI-31_0817. The MS and/or MSD percent recoveries for 3,3-dichlorobenzadiene (22/24), 3-nitroaniline (51/47), caprolactam (33/33) and hexachlorocyclopentadiene (40/40) were less than the QC limit of 50, which indicate low bias. These compounds were not detected in samples BCC Area C RFI-31_0817 and BCC Area C RFI-31 D_0817 and reporting limits are qualified as estimated (UJ) with reason code MSL and/or MSDL.

Reporting Limits

The sample from location PS-06 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 C PS-06-0617	480-119426-7	SW8270	5

November Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolactam (44) in SDG 480-127895-1, which may indicate low bias. caprolactam was not detected in associated samples 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 C RFI-20_1117. The MS and MSD percent recovery of caprolactam (41/41) was less than the QC limit of 50, which indicate low bias. Results of These compounds were not detected in samples BCC Area C RFI-20_1117 and BCC Area C RFI-20 D_1117 and reporting limits are qualified as estimated (UJ) with reason code MSL, MSDL.

Reporting Limits

The sample from location PS-06 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 C PS-06_1117	480-127895-6	SW8270	5

2.3 METALS

The data were evaluated based on the following parameters:

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

* - all criteria were met for this parameter.

February Event

No QC issues were identified.

June Event

No QC issues were identified.

August Event

No QC issues were identified.

November Event

No QC issues were identified.

3.0 REFERENCES

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

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

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

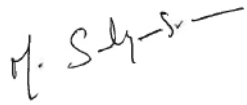
U.S. Environmental Protection Agency (USEPA) Region II, 2008a. "Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B"; SOP No. HW-24, Revision 2; August 2008.

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

4.0 LIST OF ACRONYMS AND ABBREVIATIONS

EIM	Environmental Information Management
LCS	Laboratory Control Samples
LCSD	Laboratory Control Sample Duplicate
LCSL	LCS recovery less than the lower limit
MS/MSD	Matrix Spike/Matrix Spike Duplicates
MSDL	Matrix spike duplicate recovery less than the lower limit
MSL	Matrix spike recovery less than the lower limit
QAPP	Quality Assurance Project Plan
QC	Quality Control
USEPA	United States Environmental Protection Agency

Data Validator: Sandhyasree



December 7, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC



December 11, 2017

TABLES

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

				Purpose	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	ID	Type	Date			Total	Dissolved	Total	Dissolved
480-114013-1	BCC_Area C_MW-C01_0217	MW-C01	REG	2/28/2017	48	66	22		1	
480-114013-1	BCC_Area C_MW-C04_0217	MW-C04	REG	2/28/2017	48	66	22		1	
480-114013-1	BCC_Area C_PS-04_0217	PS-04	REG	2/28/2017	48	66	22			
480-114013-1	BCC_Area C_PS-05A_0217	PS-05A	REG	2/27/2017	48	66	22	22	1	1
480-114013-1	BCC_Area C_PS-06_0217	PS-06	REG	2/27/2017	48	66	22		1	
480-114013-1	BCC_Area C_PS-06 D_0217	PS-06	FD	2/27/2017	48	66	22		1	
480-114013-1	BCC_Area C_RFI-20_0217	RFI-20	REG	2/27/2017	48	66	22		1	
480-114013-1	BCC_Area C_RFI-31_0217	RFI-31	REG	2/27/2017	48	66	22		1	
480-114013-1	TRIP BLANK-022817	QC	TB	2/28/2017	48					
480-119426-1	BCC Area C MW-C01-0617	MW-C01	REG	6/13/2017	48	66	22		1	
480-119426-1	BCC Area C MW-C01-D-0617	MW-C01	FD	6/13/2017	48	66	22		1	
480-119426-1	BCC Area C MW-C04-0617	MW-C04	REG	6/13/2017	48	66	22		1	
480-119426-1	BCC Area C PS-04-0617	PS-04	REG	6/13/2017	48	66	22		1	
480-119426-1	BCC Area C PS-05A-0617	PS-05A	REG	6/13/2017	48	66	22		1	
480-119426-1	BCC Area C PS-06-0617	PS-06	REG	6/13/2017	48	66	22		1	
480-119426-1	BCC Area C RFI-20-0617	RFI-20	REG	6/13/2017	48	66	22		1	
480-119426-1	BCC Area C RFI-31-0617	RFI-31	REG	6/13/2017	48	66	22		1	
480-119426-1	TRIP BLANK-061317	QC	TB	6/13/2017	48					
480-122870-1	BCC Area C MW-C01_0817	MW-C01	REG	8/17/2017	48	66	22		1	
480-122870-1	BCC Area C MW-C04_0817	MW-C04	REG	8/17/2017	48	66	22		1	
480-122870-1	BCC Area C PS-04_0817	PS-04	REG	8/17/2017	48	66	22		1	
480-122870-1	BCC Area C PS-05A_0817	PS-05A	REG	8/17/2017	48	66	22		1	
480-122870-1	BCC Area C PS-06_0817	PS-06	REG	8/17/2017	48	66	22		1	
480-122870-1	BCC Area C RFI-20_0817	RFI-20	REG	8/17/2017	48	66	22		1	
480-122870-1	BCC Area C RFI-31_0817	RFI-31	REG	8/17/2017	48	66	22		1	
480-122870-1	BCC Area C RFI-31 D_0817	RFI-31	FD	8/17/2017	48	66	22		1	
480-122870-1	TRIP BLANK-081717	QC	TB	8/17/2017	48					

Prepared by: Sandhyasree 12/7/2017
Checked by: Suresh 12/7/2017

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

				Purpose	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	ID	Type	Date			Total	Dissolved	Total	Dissolved
480-127895-1	BCC Area C MW-C01_1117	MW-C01	REG	11/21/2017	48	66	22	22	1	1
480-127895-1	BCC Area C MW-C04_1117	MW-C04	REG	11/21/2017	48	66	22	22		1
480-127895-1	BCC Area C PS-04_1117	PS-04	REG	11/21/2017	48	66	22		1	
480-127895-1	BCC Area C PS-05A_1117	PS-05A	REG	11/21/2017	48	66	22	22		1
480-127895-1	BCC Area C PS-06_1117	PS-06	REG	11/21/2017	48	66	22		1	
480-127895-1	BCC Area C RFI-20_1117	RFI-20	REG	11/21/2017	48	66	22	22		1
480-127895-1	BCC Area C RFI-20 D_1117	RFI-20	FD	11/21/2017	48	66	22		1	
480-127895-1	BCC Area C RFI-31_1117	RFI-31	REG	11/21/2017	48	66	22		1	
480-127895-1	TRIP BLANK-112117	QC	TB	11/21/2017	48					

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

TABLE 2
PROJECT PRECISION AND ACCURACY GOALS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

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

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

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C PS-06 D_0217	FD	480-114013-1	SW8270	3,3'-Dichlorobenzidine	4.9	U	R	MSL,MSDL	µg/L
BCC Area C PS-06_0217	REG	480-114013-1	SW8270	3,3'-Dichlorobenzidine	4.8	U,F1,F2	R	MSL,MSDL	µg/L
BCC Area C PS-06 D_0217	FD	480-114013-1	SW8270	4-Chloroaniline	4.9	U	UJ	MSL,MSDL	µg/L
BCC Area C PS-06_0217	REG	480-114013-1	SW8270	4-Chloroaniline	4.8	U	UJ	MSL,MSDL	µg/L
BCC Area C PS-06 D_0217	FD	480-114013-1	SW8270	Aniline	9.8	U	UJ	MSL	µg/L
BCC Area C PS-06_0217	REG	480-114013-1	SW8270	Aniline	9.7	U	UJ	MSL	µg/L
BCC Area C MW-C01_0217	REG	480-114013-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0217	REG	480-114013-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area C PS-04_0217	REG	480-114013-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0217	REG	480-114013-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC Area C PS-06 D_0217	FD	480-114013-1	SW8270	Caprolactam	4.9	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-06_0217	REG	480-114013-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-20_0217	REG	480-114013-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0217	REG	480-114013-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area C RFI-31-0617	REG	480-119426-1	SW8260	1,2,4-Trichlorobenzene	140	F1	J	MSL,MSDL	µg/L
BCC Area C RFI-31-0617	REG	480-119426-1	SW8260	1,3-Dichlorobenzene	220	F1	J	MSDL	µg/L
BCC Area C RFI-31-0617	REG	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C01-0617	REG	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C01-D-0617	FD	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C04-0617	REG	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-04-0617	REG	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A-0617	REG	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-06-0617	REG	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20-0617	REG	480-119426-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31-0617	REG	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C01-0617	REG	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C01-D-0617	FD	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C04-0617	REG	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-04-0617	REG	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A-0617	REG	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-06-0617	REG	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20-0617	REG	480-119426-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C RFI-31 D_0817	FD	480-122870-1	SW8270	3,3'-Dichlorobenzidine	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area C RFI-31_0817	REG	480-122870-1	SW8270	3,3'-Dichlorobenzidine	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area C RFI-31 D_0817	FD	480-122870-1	SW8270	3-Nitroaniline	10	U	UJ	MSDL	µg/L
BCC Area C RFI-31_0817	REG	480-122870-1	SW8270	3-Nitroaniline	10	U	UJ	MSDL	µg/L
BCC Area C RFI-20_0817	REG	480-122870-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31 D_0817	FD	480-122870-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C PS-06_0817	REG	480-122870-1	SW8270	Caprolactam	25	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0817	REG	480-122870-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-04_0817	REG	480-122870-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0817	REG	480-122870-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C01_0817	REG	480-122870-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0817	REG	480-122870-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-31 D_0817	FD	480-122870-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area C RFI-31_0817	REG	480-122870-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area C RFI-20_1117	REG	480-127895-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C01_1117	REG	480-127895-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C04_1117	REG	480-127895-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-04_1117	REG	480-127895-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A_1117	REG	480-127895-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-06_1117	REG	480-127895-1	SW8270	Caprolactam	25	U	UJ	LCSL	µg/L
BCC Area C RFI-20 D_1117	FD	480-127895-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C RFI-31_1117	REG	480-127895-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L

Notes:

LCSL= LCS recovery less than the lower limit
MSDL= Matrix spike duplicate recovery less than the lower limit
MSL= Matrix spike recovery less than the lower limit
U= Undetected
J= Estimated
R= Rejected

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0217	BCC Area C PS-04_0217	BCC Area C MW-C04_0217	BCC Area C PS-05A_0217	BCC Area C PS-06 D_0217
		Location	MW-C01	PS-04	MW-C04	PS-05-A	PS-06
		Sample Date	02/28/2017	02/28/2017	02/28/2017	02/27/2017	02/27/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-114013-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.36	0.20 U	0.075 J	0.061 J	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.015 U	0.13	0.088
mg/L	SW6010	Barium	0.10	0.039	0.22	0.027	0.0090
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0094	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	130	255	257	376	232
mg/L	SW6010	Chromium	0.0022 J	0.0040 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.030	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0071 J	0.061	0.0057 J	0.0089 J	0.0037 J
mg/L	SW6010	Iron	0.52	0.080	6.7	77.9	49.7
mg/L	SW6010	Lead	0.010	0.0048 J	0.0062 J	0.0073 J	0.0053 J
mg/L	SW6010	Magnesium	19.8	37.4	37.9	40.1	14.4
mg/L	SW6010	Manganese	0.019	0.13	1.1	1.4	0.23
mg/L	SW6010	Nickel	0.010 U	0.13	0.010 U	0.0031 J	0.010 U
mg/L	SW6010	Potassium	38.7	8.5	8.2	15.1	62.0
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	248	26.9	43.2	190	61.8
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.032	0.73	0.0054 J	0.029	0.0091 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dibromo-3-chloropropane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	14	5.0 U	5.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0217	BCC Area C PS-04_0217	BCC Area C MW-C04_0217	BCC Area C PS-05A_0217	BCC Area C PS-06 D_0217
		Location	MW-C01	PS-04	MW-C04	PS-05-A	PS-06
		Sample Date	02/28/2017	02/28/2017	02/28/2017	02/27/2017	02/27/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-114013-1
Units	Method	Parameter Name					
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	22	5.0 U	5.0 U
µg/L	SW8260	2-Butanone	10 U	10 U	100 U	50 U	50 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	50 U	25 U	25 U
µg/L	SW8260	4-Methyl-2-pentanone	5.0 U	5.0 U	50 U	25 U	25 U
µg/L	SW8260	Acetone	10 U	10 U	100 U	21 J	50 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	150	110	5.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	25 U	13 U	13 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Methylene chloride	1.0 U	1.0 U	12	5.0 U	2.5 J
µg/L	SW8260	Styrene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Xylenes, total	2.0 U	2.0 U	20 U	10 U	10 U
µg/L	SW8270	1,1'-Biphenyl	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0217	BCC Area C PS-04_0217	BCC Area C MW-C04_0217	BCC Area C PS-05A_0217	BCC Area C PS-06 D_0217
		Location	MW-C01	PS-04	MW-C04	PS-05-A	PS-06
		Sample Date	02/28/2017	02/28/2017	02/28/2017	02/27/2017	02/27/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-114013-1
Units	Method	Parameter Name					
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	4.8 U	1.1 J	4.9 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	2-Nitroaniline	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	4.8 U	4.9 U	4.9 R
µg/L	SW8270	3-Nitroaniline	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.7 U	4.8 U	4.9 U	4.9 UJ
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	4-Methylphenol	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	4-Nitroaniline	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	4-Nitrophenol	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Aniline	9.4 U	9.3 U	9.5 U	9.8 U	9.8 UJ
µg/L	SW8270	Anthracene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Atrazine	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Benzaldehyde	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Benzo(A)anthracene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Benzo(A)pyrene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Benzo(B)fluoranthene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Benzo(G,H,I)perylene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Benzo(K)fluoranthene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0217	BCC Area C PS-04_0217	BCC Area C MW-C04_0217	BCC Area C PS-05A_0217	BCC Area C PS-06 D_0217
		Location	MW-C01	PS-04	MW-C04	PS-05-A	PS-06
		Sample Date	02/28/2017	02/28/2017	02/28/2017	02/27/2017	02/27/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-114013-1
Units	Method	Parameter Name					
µg/L	SW8270	Bis(2-Chloroethoxy)methane	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Bis(2-Chloroethyl)ether	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Butylbenzyl phthalate	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	4.8 UJ	4.9 UJ	4.9 UJ
µg/L	SW8270	Carbazole	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Chrysene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Dibenzo(A,H)anthracene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Dibenzofuran	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	Diethyl Phthalate	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Dimethyl Phthalate	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Fluorene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Indeno(1,2,3-Cd)Pyrene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Isophorone	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	N-Nitroso-Di-N-Propylamine	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	4.8 U	0.94 J	4.9 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Pentachlorophenol	9.4 U	9.3 U	9.5 U	9.8 U	9.8 U
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Phenol	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U
µg/L	SW8270	Pyrene	4.7 U	4.7 U	4.8 U	4.9 U	4.9 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0217	BCC Area C RFI-20_0217	BCC Area C RFI-31_0217	Trip Blank_022817	BCC Area C MW-C04-0617
		Location	PS-06	RFI-20	RFI-31	QC	MW-C04
		Sample Date	02/27/2017	02/27/2017	02/28/2017	02/28/2017	06/13/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-119426-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U		0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U		0.020 U
mg/L	SW6010	Arsenic	0.082	0.010 J	0.0092 J		0.015 U
mg/L	SW6010	Barium	0.0086	0.056	0.025		0.23
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U		0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0010 J		0.0020 U
mg/L	SW6010	Calcium	227	186	429		266
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U		0.0010 J
mg/L	SW6010	Cobalt	0.0040 U	0.0012 J	0.0027 J		0.0040 U
mg/L	SW6010	Copper	0.0026 J	0.0017 J	0.0036 J		0.0035 J
mg/L	SW6010	Iron	48.1	11.6	2.5		12.1
mg/L	SW6010	Lead	0.0058 J	0.0032 J	0.0061 J		0.0080 J
mg/L	SW6010	Magnesium	13.8	19.4	161		35.1
mg/L	SW6010	Manganese	0.22	0.38	1.4		1.3
mg/L	SW6010	Nickel	0.010 U	0.019	0.0020 J		0.010 U
mg/L	SW6010	Potassium	59.8	6.5	12.2		9.1
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U		0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U		0.0060 U
mg/L	SW6010	Sodium	59.6	26.1	2110		38.5
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U		0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U		0.0050 U
mg/L	SW6010	Zinc	0.0084 J	0.013	0.0074 J		0.0045 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U		0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethane	1.1	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	29	1.0 U	10 U
µg/L	SW8260	1,2-Dibromo-3-chloropropane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	78	1.0 U	14

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0217	BCC Area C RFI-20_0217	BCC Area C RFI-31_0217	Trip Blank_022817	BCC Area C MW-C04-0617
		Location	PS-06	RFI-20	RFI-31	QC	MW-C04
		Sample Date	02/27/2017	02/27/2017	02/28/2017	02/28/2017	06/13/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-119426-1
Units	Method	Parameter Name					
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	10 U	1.0 U	25
µg/L	SW8260	2-Butanone	10 U	10 U	100 U	10 U	100 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	50 U	5.0 U	50 U
µg/L	SW8260	4-Methyl-2-pentanone	5.0 U	5.0 U	50 U	5.0 U	50 U
µg/L	SW8260	Acetone	10 U	10 U	100 U	10 U	100 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Chlorobenzene	1.0 U	13	10 U	1.0 U	230
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	25 U	2.5 U	25 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Methylene chloride	1.0 U	1.0 U	19	1.0 U	10 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	10 U	1.0 U	10 U
µg/L	SW8260	Xylenes, total	2.0 U	2.0 U	20 U	2.0 U	20 U
µg/L	SW8270	1,1'-Biphenyl	4.8 U	4.8 U	4.7 U		5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0217	BCC Area C RFI-20_0217	BCC Area C RFI-31_0217	Trip Blank_022817	BCC Area C MW-C04-0617
		Location	PS-06	RFI-20	RFI-31	QC	MW-C04
		Sample Date	02/27/2017	02/27/2017	02/28/2017	02/28/2017	06/13/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-119426-1
Units	Method	Parameter Name					
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.8 U	0.61 J		5.0 U
µg/L	SW8270	2,4-Dimethylphenol	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2,4-Dinitrophenol	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2-Chlorophenol	4.8 U	4.8 U	4.7 U		0.76 J
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2-Methylphenol	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	2-Nitroaniline	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	2-Nitrophenol	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 R	4.8 U	4.7 U		5.0 U
µg/L	SW8270	3-Nitroaniline	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	4-Chloroaniline	4.8 UJ	4.8 U	4.7 U		5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	4-Methylphenol	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	4-Nitroaniline	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	4-Nitrophenol	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	Acenaphthene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Acenaphthylene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Acetophenone	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Aniline	9.7 UJ	9.6 U	9.4 U		10 U
µg/L	SW8270	Anthracene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Atrazine	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Benzaldehyde	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Benzo(A)anthracene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Benzo(A)pyrene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Benzo(B)fluoranthene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Benzo(G,H,I)perylene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Benzo(K)fluoranthene	4.8 U	4.8 U	4.7 U		5.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0217	BCC Area C RFI-20_0217	BCC Area C RFI-31_0217	Trip Blank_022817	BCC Area C MW-C04-0617
		Location	PS-06	RFI-20	RFI-31	QC	MW-C04
		Sample Date	02/27/2017	02/27/2017	02/28/2017	02/28/2017	06/13/2017
		Sample Delivery Group	480-114013-1	480-114013-1	480-114013-1	480-114013-1	480-119426-1
Units	Method	Parameter Name					
µg/L	SW8270	Bis(2-Chloroethoxy)methane	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Bis(2-Chloroethyl)ether	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Butylbenzyl phthalate	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Caprolactam	4.8 UJ	4.8 UJ	4.7 UJ		5.0 UJ
µg/L	SW8270	Carbazole	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Chrysene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Dibenzo(A,H)anthracene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Dibenzofuran	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	Diethyl Phthalate	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Dimethyl Phthalate	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Fluoranthene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Fluorene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.8 U	4.7 U		5.0 UJ
µg/L	SW8270	Hexachloroethane	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Indeno(1,2,3-Cd)Pyrene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Isophorone	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	N-Nitroso-Di-N-Propylamine	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Naphthalene	4.8 U	4.8 U	4.7 U		3.4 J
µg/L	SW8270	Nitrobenzene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Pentachlorophenol	9.7 U	9.6 U	9.4 U		10 U
µg/L	SW8270	Phenanthrene	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Phenol	4.8 U	4.8 U	4.7 U		5.0 U
µg/L	SW8270	Pyrene	4.8 U	4.8 U	4.7 U		5.0 U

Notes:
U = Undetected
J = Estimated

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04-0617	BCC Area C PS-05A-0617	BCC Area C RFI-20-0617	BCC Area C RFI-31-0617	BCC Area C PS-06-0617
		Location	PS-04	PS-05-A	RFI-20	RFI-31	PS-06
		Sample Date	06/13/2017	06/13/2017	06/13/2017	06/13/2017	06/13/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-119426-1	480-119426-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.50	0.20 U	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.24	0.015 U	0.015 U	0.082
mg/L	SW6010	Barium	0.042	0.043	0.061	0.024	0.0099
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0067	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	250	306	214	445	233
mg/L	SW6010	Chromium	0.0018 J	0.0040 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.033	0.0040 U	0.00097 J	0.0031 J	0.0040 U
mg/L	SW6010	Copper	0.055	0.010 U	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Iron	1.5	52.8	7.1	3.1	43.3
mg/L	SW6010	Lead	0.0073 J	0.050 U	0.020 U	0.10 U	0.050 U
mg/L	SW6010	Magnesium	36.6	27.5	29.3	161	14.5
mg/L	SW6010	Manganese	0.28	0.62	0.60	1.5	0.20
mg/L	SW6010	Nickel	0.095	0.0013 J	0.027	0.0050 J	0.010 U
mg/L	SW6010	Potassium	8.5	14.1	7.0	13.0	59.6
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	22.8	89.8	29.5	2220	67.6
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0019 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.46	0.0041 J	0.0043 J	0.010 U	0.010 U
mg/L	SW7470	Mercury	0.00017 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	5.0 U	1.0 U	8.0 U	1.2 J
µg/L	SW8260	1,1-Dichloroethene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	5.0 U	1.0 U	140 J	2.0 U
µg/L	SW8260	1,2-Dibromo-3-chloropropane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	5.0 U	1.0 U	9.9	2.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	5.0 U	1.0 U	220 J	2.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04-0617	BCC Area C PS-05A-0617	BCC Area C RFI-20-0617	BCC Area C RFI-31-0617	BCC Area C PS-06-0617
		Location	PS-04	PS-05-A	RFI-20	RFI-31	PS-06
		Sample Date	06/13/2017	06/13/2017	06/13/2017	06/13/2017	06/13/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-119426-1	480-119426-1
Units	Method	Parameter Name					
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	5.0 U	1.0 U	18	2.0 U
µg/L	SW8260	2-Butanone	10 U	50 U	10 U	80 U	20 U
µg/L	SW8260	2-Hexanone	5.0 U	25 U	5.0 U	40 U	10 U
µg/L	SW8260	4-Methyl-2-pentanone	5.0 U	25 U	5.0 U	40 U	10 U
µg/L	SW8260	Acetone	10 U	50 U	10 U	80 U	20 U
µg/L	SW8260	Benzene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Bromoform	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Bromomethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	260	22	55	2.0 U
µg/L	SW8260	Chloroethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Chloroform	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Chloromethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Cyclohexane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Methyl acetate	2.5 U	13 U	2.5 U	20 U	5.0 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Methylene chloride	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Styrene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Toluene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Trichloroethene	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	5.0 U	1.0 U	8.0 U	2.0 U
µg/L	SW8260	Xylenes, total	2.0 U	10 U	2.0 U	16 U	4.0 U
µg/L	SW8270	1,1'-Biphenyl	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04-0617	BCC Area C PS-05A-0617	BCC Area C RFI-20-0617	BCC Area C RFI-31-0617	BCC Area C PS-06-0617
		Location	PS-04	PS-05-A	RFI-20	RFI-31	PS-06
		Sample Date	06/13/2017	06/13/2017	06/13/2017	06/13/2017	06/13/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-119426-1	480-119426-1
Units	Method	Parameter Name					
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	5.0 U	5.0 U	0.90 J	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chlorophenol	5.0 U	2.9 J	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3-Nitroaniline	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	4-Nitroaniline	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Aniline	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(B)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(G,H,I)perylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(K)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04-0617	BCC Area C PS-05A-0617	BCC Area C RFI-20-0617	BCC Area C RFI-31-0617	BCC Area C PS-06-0617
		Location	PS-04	PS-05-A	RFI-20	RFI-31	PS-06
		Sample Date	06/13/2017	06/13/2017	06/13/2017	06/13/2017	06/13/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-119426-1	480-119426-1
Units	Method	Parameter Name					
µg/L	SW8270	Bis(2-Chloroethoxy)methane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Chloroethyl)ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Butylbenzyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Chrysene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzo(A,H)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Diethyl Phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dimethyl Phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluorene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-Cd)Pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Isophorone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitroso-Di-N-Propylamine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Naphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Phenanthrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Phenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:
U = Undetected
J = Estimated

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01-0617	BCC Area C MW-C01-D-0617	Trip Blank-061317	BCC Area C MW-C01_0817	BCC Area C MW-C04_0817
		Location	MW-C01	MW-C01	QC	MW-C01	MW-C04
		Sample Date	06/13/2017	06/13/2017	06/13/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.60	0.56		0.87	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U		0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U		0.015 U	0.015 U
mg/L	SW6010	Barium	0.13	0.13		0.13	0.041
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U		0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U		0.0020 U	0.0064
mg/L	SW6010	Calcium	146	143		122	228
mg/L	SW6010	Chromium	0.0046	0.0045		0.0039 J	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U		0.0040 U	0.015
mg/L	SW6010	Copper	0.0085 J	0.0082 J		0.0087 J	0.035
mg/L	SW6010	Iron	0.88	0.86		1.3	0.26
mg/L	SW6010	Lead	0.018 J	0.017 J		0.028	0.010 U
mg/L	SW6010	Magnesium	20.0	19.8		15.8	32.9
mg/L	SW6010	Manganese	0.030	0.031		0.036	0.087
mg/L	SW6010	Nickel	0.0032 J	0.0028 J		0.0032 J	0.077
mg/L	SW6010	Potassium	49.9	49.4		55.7	8.5
mg/L	SW6010	Selenium	0.025 U	0.025 U		0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U		0.0060 U	0.0060 U
mg/L	SW6010	Sodium	273	275		225	20.9
mg/L	SW6010	Thallium	0.020 U	0.020 U		0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0018 J	0.0016 J		0.0037 J	0.0050 U
mg/L	SW6010	Zinc	0.051	0.052		0.042	0.35
mg/L	SW7470	Mercury	0.00020 U	0.00020 U		0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dibromo-3-chloropropane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	10

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01-0617	BCC Area C MW-C01-D-0617	Trip Blank-061317	BCC Area C MW-C01_0817	BCC Area C MW-C04_0817
		Location	MW-C01	MW-C01	QC	MW-C01	MW-C04
		Sample Date	06/13/2017	06/13/2017	06/13/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	17
µg/L	SW8260	2-Butanone	10 U	10 U	10 U	10 U	100 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	50 U
µg/L	SW8260	4-Methyl-2-pentanone	5.0 U	5.0 U	5.0 U	5.0 U	50 U
µg/L	SW8260	Acetone	10 U	10 U	3.3 J	3.1 J	100 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	140
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U	2.5 U	25 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Methylene chloride	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U	1.0 U	10 U
µg/L	SW8260	Xylenes, total	2.0 U	2.0 U	2.0 U	2.0 U	20 U
µg/L	SW8270	1,1'-Biphenyl	5.0 U	5.0 U		5.0 U	5.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01-0617	BCC Area C MW-C01-D-0617	Trip Blank-061317	BCC Area C MW-C01_0817	BCC Area C MW-C04_0817
		Location	MW-C01	MW-C01	QC	MW-C01	MW-C04
		Sample Date	06/13/2017	06/13/2017	06/13/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U		10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2-Chlorophenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 U	10 U		10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	3-Nitroaniline	10 U	10 U		10 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U		10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	10 U		10 U	10 U
µg/L	SW8270	4-Nitroaniline	10 U	10 U		10 U	10 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U		10 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Aniline	10 U	10 U		10 U	10 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U		0.35 J	5.0 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Benzo(A)anthracene	5.0 U	5.0 U		1.1 J	5.0 U
µg/L	SW8270	Benzo(A)pyrene	5.0 U	5.0 U		1.0 J	5.0 U
µg/L	SW8270	Benzo(B)fluoranthene	5.0 U	5.0 U		1.5 J	5.0 U
µg/L	SW8270	Benzo(G,H,I)perylene	5.0 U	5.0 U		0.79 J	5.0 U
µg/L	SW8270	Benzo(K)fluoranthene	5.0 U	5.0 U		5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01-0617	BCC Area C MW-C01-D-0617	Trip Blank-061317	BCC Area C MW-C01_0817	BCC Area C MW-C04_0817
		Location	MW-C01	MW-C01	QC	MW-C01	MW-C04
		Sample Date	06/13/2017	06/13/2017	06/13/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-119426-1	480-119426-1	480-119426-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
µg/L	SW8270	Bis(2-Chloroethoxy)methane	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Bis(2-Chloroethyl)ether	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Butylbenzyl phthalate	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ		5.0 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Chrysene	5.0 U	5.0 U		1.0 J	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Dibenzo(A,H)anthracene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	10 U		10 U	10 U
µg/L	SW8270	Diethyl Phthalate	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Dimethyl Phthalate	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	0.41 J		2.4 J	5.0 U
µg/L	SW8270	Fluorene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 UJ	5.0 UJ		5.0 U	5.0 U
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-Cd)Pyrene	5.0 U	5.0 U		0.72 J	5.0 U
µg/L	SW8270	Isophorone	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	N-Nitroso-Di-N-Propylamine	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Naphthalene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	10 U		10 U	10 U
µg/L	SW8270	Phenanthrene	5.0 U	5.0 U		1.6 J	5.0 U
µg/L	SW8270	Phenol	5.0 U	5.0 U		5.0 U	5.0 U
µg/L	SW8270	Pyrene	5.0 U	0.34 J		1.9 J	5.0 U

Notes:
U = Undetected
J = Estimated

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04_0817	BCC Area C PS-05A_0817	BCC Area C RFI-20_0817	BCC Area C RFI-31 D_0817	BCC Area C RFI-31_0817
		Location	PS-04	PS-05A	RFI-20	RFI-31	RFI-31
		Sample Date	08/17/2017	08/17/2017	08/17/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-122870-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.35	0.015 U	0.015 U	0.015 U
mg/L	SW6010	Barium	0.13	0.025	0.056	0.022	0.022
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U	0.00093 J	0.00073 J
mg/L	SW6010	Calcium	215	273	186	364	365
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.00069 J	0.0033 J	0.0036 J
mg/L	SW6010	Copper	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Iron	5.6	45.3	5.1	1.2	1.2
mg/L	SW6010	Lead	0.0031 J	0.0047 J	0.0031 J	0.010 U	0.010 U
mg/L	SW6010	Magnesium	33.9	22.9	25.0	128	126
mg/L	SW6010	Manganese	1.2	0.52	0.43	1.5	1.5
mg/L	SW6010	Nickel	0.010 U	0.010 U	0.014	0.0044 J	0.0041 J
mg/L	SW6010	Potassium	5.3	16.0	8.4	14.5	14.4
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	99.8	105	27.7	2100	2080
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0017 J	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.010 U	0.0067 J	0.0051 J	0.0075 J	0.0069 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	5.0 U	1.0 U	95	110
µg/L	SW8260	1,2-Dibromo-3-chloropropane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	14	1.0 U	5.0	10 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	5.0 U	1.0 U	110	120

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04_0817	BCC Area C PS-05A_0817	BCC Area C RFI-20_0817	BCC Area C RFI-31 D_0817	BCC Area C RFI-31_0817
		Location	PS-04	PS-05A	RFI-20	RFI-31	RFI-31
		Sample Date	08/17/2017	08/17/2017	08/17/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-122870-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	5.0 U	1.0 U	9.6	10
µg/L	SW8260	2-Butanone	10 U	50 U	10 U	50 U	100 U
µg/L	SW8260	2-Hexanone	5.0 U	25 U	5.0 U	25 U	50 U
µg/L	SW8260	4-Methyl-2-pentanone	5.0 U	25 U	5.0 U	25 U	50 U
µg/L	SW8260	Acetone	10 U	50 U	10 U	50 U	100 U
µg/L	SW8260	Benzene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Bromodichloromethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Bromoform	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Bromomethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Carbon disulfide	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Chlorobenzene	1.0 U	550	25	42	46
µg/L	SW8260	Chloroethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Chloroform	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Chloromethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Cyclohexane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Dibromochloromethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Ethylbenzene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Isopropylbenzene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Methyl acetate	2.5 U	13 U	2.5 U	13 U	25 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Methylcyclohexane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Methylene chloride	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Styrene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Tetrachloroethene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Toluene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Trichloroethene	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Vinyl chloride	1.0 U	5.0 U	1.0 U	5.0 U	10 U
µg/L	SW8260	Xylenes, total	2.0 U	10 U	2.0 U	10 U	20 U
µg/L	SW8270	1,1'-Biphenyl	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04_0817	BCC Area C PS-05A_0817	BCC Area C RFI-20_0817	BCC Area C RFI-31 D_0817	BCC Area C RFI-31_0817
		Location	PS-04	PS-05A	RFI-20	RFI-31	RFI-31
		Sample Date	08/17/2017	08/17/2017	08/17/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-122870-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	5.0 U	5.0 U	1.1 J	1.1 J
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chlorophenol	0.86 J	5.4	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
µg/L	SW8270	3-Nitroaniline	10 U	10 U	10 U	10 UJ	10 UJ
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	4-Nitroaniline	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Aniline	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(B)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(G,H,I)perylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(K)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04_0817	BCC Area C PS-05A_0817	BCC Area C RFI-20_0817	BCC Area C RFI-31 D_0817	BCC Area C RFI-31_0817
		Location	PS-04	PS-05A	RFI-20	RFI-31	RFI-31
		Sample Date	08/17/2017	08/17/2017	08/17/2017	08/17/2017	08/17/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-122870-1	480-122870-1	480-122870-1
Units	Method	Parameter Name					
µg/L	SW8270	Bis(2-Chloroethoxy)methane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Chloroethyl)ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Butylbenzyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Chrysene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzo(A,H)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Diethyl Phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dimethyl Phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluorene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-Cd)Pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Isophorone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitroso-Di-N-Propylamine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	0.53 J	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Naphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	10 U	10 U	10 U	10 U
µg/L	SW8270	Phenanthrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Phenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:
U = Undetected
J = Estimated

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0817	TRIP BLANK-081717	BCC Area C MW-C01_1117	BCC Area C MW-C04_1117	BCC Area C PS-04_1117
		Location	PS-06	QC	MW-C01	MW-C04	PS-04
		Sample Date	08/17/2017	08/17/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.20 U		1.3	0.20 U	0.077 J
mg/L	SW6010	Antimony	0.020 U		0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.099		0.015 U	0.015 U	0.015 U
mg/L	SW6010	Barium	0.011		0.084	0.50	0.041
mg/L	SW6010	Beryllium	0.0020 U		0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U		0.0020 U	0.0020 U	0.0087
mg/L	SW6010	Calcium	232		48.9	232	216
mg/L	SW6010	Chromium	0.0040 U		0.0061	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U		0.0040 U	0.0040 U	0.0047
mg/L	SW6010	Copper	0.010 U		0.0065 J	0.0022 J	0.040
mg/L	SW6010	Iron	48.6		1.8	9.7	0.16
mg/L	SW6010	Lead	0.0052 J		0.024	0.0035 J	0.010 U
mg/L	SW6010	Magnesium	13.4		6.2	31.1	30.6
mg/L	SW6010	Manganese	0.23		0.033	0.98	0.012
mg/L	SW6010	Nickel	0.0015 J		0.0035 J	0.010 U	0.071
mg/L	SW6010	Potassium	63.8		6.4	8.6	8.8
mg/L	SW6010	Selenium	0.025 U		0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U		0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	94.7		166	34.5	20.8
mg/L	SW6010	Thallium	0.020 U		0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U		0.0039 J	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0051 J		0.045	0.0096 J	0.49
mg/L	SW7470	Mercury	0.00020 U		0.00013 J	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-chloropropane	5.0 U	1.0 U	10 U	10 U	10 U
µg/L	SW8260	1,2-Dibromoethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	5.0 U	1.0 U	1.0 U	2.8	1.0 U
µg/L	SW8260	1,2-Dichloroethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	5.0 U	1.0 U	1.0 U	16	1.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0817	TRIP BLANK-081717	BCC Area C MW-C01_1117	BCC Area C MW-C04_1117	BCC Area C PS-04_1117
		Location	PS-06	QC	MW-C01	MW-C04	PS-04
		Sample Date	08/17/2017	08/17/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
µg/L	SW8260	1,4-Dichlorobenzene	5.0 U	1.0 U	1.0 U	30	1.0 U
µg/L	SW8260	2-Butanone	50 U	10 U	50 U	50 U	50 U
µg/L	SW8260	2-Hexanone	25 U	5.0 U	10 U	10 U	10 U
µg/L	SW8260	4-Methyl-2-pentanone	25 U	5.0 U	10 U	10 U	10 U
µg/L	SW8260	Acetone	50 U	10 U	25 U	25 U	25 U
µg/L	SW8260	Benzene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	5.0 U	1.0 U	1.0 U	180	1.0 U
µg/L	SW8260	Chloroethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Dibromochloromethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	13 U	2.5 U	10 U	10 U	10 U
µg/L	SW8260	Methyl tert-butyl ether	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Methylene chloride	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Styrene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, total	10 U	2.0 U	3.0 U	3.0 U	3.0 U
µg/L	SW8270	1,1'-Biphenyl	25 U		5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0817	TRIP BLANK-081717	BCC Area C MW-C01_1117	BCC Area C MW-C04_1117	BCC Area C PS-04_1117
		Location	PS-06	QC	MW-C01	MW-C04	PS-04
		Sample Date	08/17/2017	08/17/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	25 U		5.0 U	0.98 J	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	50 U		10 U	10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chlorophenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylphenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Nitroaniline	50 U		10 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	3-Nitroaniline	50 U		10 U	10 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	50 U		10 U	10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloroaniline	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	50 U		10 U	10 U	10 U
µg/L	SW8270	4-Nitroaniline	50 U		10 U	10 U	10 U
µg/L	SW8270	4-Nitrophenol	50 U		10 U	10 U	10 U
µg/L	SW8270	Acenaphthene	25 U		0.48 J	5.0 U	5.0 U
µg/L	SW8270	Acenaphthylene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acetophenone	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Aniline	50 U		10 U	10 U	10 U
µg/L	SW8270	Anthracene	25 U		0.54 J	5.0 U	5.0 U
µg/L	SW8270	Atrazine	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)anthracene	25 U		1.3 J	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)pyrene	25 U		1.3 J	5.0 U	5.0 U
µg/L	SW8270	Benzo(B)fluoranthene	25 U		1.8 J	5.0 U	5.0 U
µg/L	SW8270	Benzo(G,H,I)perylene	25 U		0.96 J	5.0 U	5.0 U
µg/L	SW8270	Benzo(K)fluoranthene	25 U		5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-06_0817	TRIP BLANK-081717	BCC Area C MW-C01_1117	BCC Area C MW-C04_1117	BCC Area C PS-04_1117
		Location	PS-06	QC	MW-C01	MW-C04	PS-04
		Sample Date	08/17/2017	08/17/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-122870-1	480-122870-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
µg/L	SW8270	Bis(2-Chloroethoxy)methane	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Chloroethyl)ether	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Butylbenzyl phthalate	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Caprolactam	25 UJ		5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Carbazole	25 U		0.48 J	5.0 U	5.0 U
µg/L	SW8270	Chrysene	25 U		1.3 J	5.0 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzo(A,H)anthracene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzofuran	50 U		10 U	10 U	10 U
µg/L	SW8270	Diethyl Phthalate	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dimethyl Phthalate	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	25 U		3.0 J	5.0 U	5.0 U
µg/L	SW8270	Fluorene	25 U		0.54 J	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachloroethane	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-Cd)Pyrene	25 U		0.92 J	5.0 U	5.0 U
µg/L	SW8270	Isophorone	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitroso-Di-N-Propylamine	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	25 U		5.0 U	0.77 J	5.0 U
µg/L	SW8270	Naphthalene	25 U		1.9 J	5.0 U	1.5 J
µg/L	SW8270	Nitrobenzene	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pentachlorophenol	50 U		10 U	10 U	10 U
µg/L	SW8270	Phenanthrene	25 U		2.4 J	5.0 U	5.0 U
µg/L	SW8270	Phenol	25 U		5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pyrene	25 U		2.3 J	5.0 U	5.0 U

Notes:
U = Undetected
J = Estimated

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_1117	BCC Area C PS-06_1117	BCC Area C RFI-20_1117	BCC Area C RFI-20 D_1117	BCC Area C RFI-31_1117
		Location	PS-05A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	11/21/2017	11/21/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-127895-1	480-127895-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
mg/L	SW6010	Aluminum	0.20 U	0.38 J	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.040 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.17	0.088	0.012 J	0.012 J	0.024
mg/L	SW6010	Barium	0.019	0.012	0.061	0.058	0.023
mg/L	SW6010	Beryllium	0.0020 U	0.0040 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0040 U	0.0020 U	0.0020 U	0.00054 J
mg/L	SW6010	Calcium	268	216	220	212	445
mg/L	SW6010	Chromium	0.0040 U	0.0080 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0080 U	0.0040 U	0.0040 U	0.0040
mg/L	SW6010	Copper	0.010 U	0.0034 J	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Iron	29.2	44.5	15.0	13.4	6.9
mg/L	SW6010	Lead	0.010 U	0.020 U	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	24.3	10.2	21.9	20.9	161
mg/L	SW6010	Manganese	0.41	0.20	0.50	0.48	1.5
mg/L	SW6010	Nickel	0.010 U	0.020 U	0.010	0.0090 J	0.0043 J
mg/L	SW6010	Potassium	13.5	71.4	8.5	8.2	12.4
mg/L	SW6010	Selenium	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.012 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	108	69.7	38.3	36.5	2150
mg/L	SW6010	Thallium	0.020 U	0.040 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.010 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.014	0.027	0.0057 J	0.0037 J	0.0097 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00032
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	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	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	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.1	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	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	1.0 U	450
µg/L	SW8260	1,2-Dibromo-3-chloropropane	10 U	10 U	10 U	10 U	10 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	3.6	1.0 U	1.0 U	1.0 U	33
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	420

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_1117	BCC Area C PS-06_1117	BCC Area C RFI-20_1117	BCC Area C RFI-20 D_1117	BCC Area C RFI-31_1117
		Location	PS-05A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	11/21/2017	11/21/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-127895-1	480-127895-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
µg/L	SW8260	1,4-Dichlorobenzene	0.38 J	1.0 U	1.0 U	1.0 U	55
µg/L	SW8260	2-Butanone	50 U	50 U	50 U	50 U	50 U
µg/L	SW8260	2-Hexanone	10 U	10 U	10 U	10 U	10 U
µg/L	SW8260	4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U
µg/L	SW8260	Acetone	3.0 J	25 U	25 U	25 U	25 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.8
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	140	1.0 U	12	12	150
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	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	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	0.33 J
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	10 U	10 U	10 U	10 U	10 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Methylene chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	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	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, total	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
µg/L	SW8270	1,1'-Biphenyl	5.0 U	25 U	5.0 U	5.0 U	5.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_1117	BCC Area C PS-06_1117	BCC Area C RFI-20_1117	BCC Area C RFI-20 D_1117	BCC Area C RFI-31_1117
		Location	PS-05A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	11/21/2017	11/21/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-127895-1	480-127895-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	25 U	5.0 U	5.0 U	0.71 J
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	25 U	5.0 U	5.0 U	1.2 J
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chlorophenol	1.4 J	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	25 U	0.68 J	0.64 J	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3-Nitroaniline	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 U	25 U	5.0 U	5.0 U	1.3 J
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	4-Nitroaniline	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	4-Nitrophenol	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Aniline	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	Anthracene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)anthracene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(A)pyrene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(B)fluoranthene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(G,H,I)perylene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(K)fluoranthene	5.0 U	25 U	5.0 U	5.0 U	5.0 U

Prepared by: Sandhyasree 12/7/2017
Reviewed by: Lakshmi 12/7/2017

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-05A_1117	BCC Area C PS-06_1117	BCC Area C RFI-20_1117	BCC Area C RFI-20 D_1117	BCC Area C RFI-31_1117
		Location	PS-05A	PS-06	RFI-20	RFI-20	RFI-31
		Sample Date	11/21/2017	11/21/2017	11/21/2017	11/21/2017	11/21/2017
		Sample Delivery Group	480-127895-1	480-127895-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Parameter Name					
µg/L	SW8270	Bis(2-Chloroethoxy)methane	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Chloroethyl)ether	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Butylbenzyl phthalate	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	25 UJ	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Chrysene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzo(A,H)anthracene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	Diethyl Phthalate	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dimethyl Phthalate	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluorene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachloroethane	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-Cd)Pyrene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Isophorone	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitroso-Di-N-Propylamine	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Naphthalene	1.1 J	25 U	3.5 J	3.3 J	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	50 U	10 U	10 U	10 U
µg/L	SW8270	Phenanthrene	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Phenol	5.0 U	25 U	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pyrene	5.0 U	25 U	5.0 U	5.0 U	5.0 U

Notes:
U = Undetected
J = Estimated

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	TRIP BLANK-112117
			Location	QC
			Sample Date	11/21/2017
			Sample Delivery Group	480-127895-1
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		
µg/L	SW8260	1,1,2,2-Tetrachloroethane		
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane		
µg/L	SW8260	1,1,2-Trichloroethane		
µg/L	SW8260	1,1-Dichloroethane		
µg/L	SW8260	1,1-Dichloroethene		
µg/L	SW8260	1,2,4-Trichlorobenzene		
µg/L	SW8260	1,2-Dibromo-3-chloropropane		
µg/L	SW8260	1,2-Dibromoethane		
µg/L	SW8260	1,2-Dichlorobenzene		
µg/L	SW8260	1,2-Dichloroethane		
µg/L	SW8260	1,2-Dichloropropane		
µg/L	SW8260	1,3-Dichlorobenzene		

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	TRIP BLANK-112117
		Location	QC
		Sample Date	11/21/2017
		Sample Delivery Group	480-127895-1
Units	Method	Parameter Name	
µg/L	SW8260	1,4-Dichlorobenzene	
µg/L	SW8260	2-Butanone	
µg/L	SW8260	2-Hexanone	
µg/L	SW8260	4-Methyl-2-pentanone	
µg/L	SW8260	Acetone	
µg/L	SW8260	Benzene	
µg/L	SW8260	Bromodichloromethane	
µg/L	SW8260	Bromoform	
µg/L	SW8260	Bromomethane	
µg/L	SW8260	Carbon disulfide	
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	10 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	1.0 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U
µg/L	SW8260	Methylcyclohexane	50 U
µg/L	SW8260	Methylene chloride	10 U
µg/L	SW8260	Styrene	10 U
µg/L	SW8260	Tetrachloroethene	25 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
µg/L	SW8260	Xylenes, total	1.0 U
µg/L	SW8270	1,1'-Biphenyl	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	TRIP BLANK-112117
		Location	QC
		Sample Date	11/21/2017
		Sample Delivery Group	480-127895-1
Units	Method	Parameter Name	
µg/L	SW8270	2,2'-Oxybis(1-Chloropropane)	1.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	1.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	1.0 U
µg/L	SW8270	2,4-Dichlorophenol	1.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	1.0 U
µg/L	SW8270	2,4-Dinitrotoluene	1.0 U
µg/L	SW8270	2,6-Dinitrotoluene	1.0 U
µg/L	SW8270	2-Chloronaphthalene	1.0 U
µg/L	SW8270	2-Chlorophenol	10 U
µg/L	SW8270	2-Methylnaphthalene	1.0 U
µg/L	SW8270	2-Methylphenol	5.0 U
µg/L	SW8270	2-Nitroaniline	5.0 U
µg/L	SW8270	2-Nitrophenol	1.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	1.0 U
µg/L	SW8270	3-Nitroaniline	1.0 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	1.0 U
µg/L	SW8270	4-Bromophenyl phenyl ether	1.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	1.0 U
µg/L	SW8270	4-Chloroaniline	1.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	1.0 U
µg/L	SW8270	4-Methylphenol	3.0 U
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	
µg/L	SW8270	Benzo(K)fluoranthene	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	TRIP BLANK-112117
		Location	QC
		Sample Date	11/21/2017
		Sample Delivery Group	480-127895-1
Units	Method	Parameter Name	
µg/L	SW8270	Bis(2-Chloroethoxy)methane	
µg/L	SW8270	Bis(2-Chloroethyl)ether	
µg/L	SW8270	Bis(2-Ethylhexyl)phthalate	
µg/L	SW8270	Butylbenzyl 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	Dibenzo(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-Nitroso-Di-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

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C PS-05A_0217	BCC Area C MW-C01_1117	BCC Area C MW-C04_1117	BCC Area C PS-05A_1117
			Location	PS-05-A	MW-C01	MW-C04	PS-05A
			Sample Date	02/27/2017	11/21/2017	11/21/2017	11/21/2017
			Sample Delivery Group	480-114013-1	480-127895-1	480-127895-1	480-127895-1
Units	Method	Filtered	Parameter Name				
mg/L	SW6010	Y	Aluminum	0.20 U	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Y	Antimony	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Y	Arsenic	0.093	0.015 U	0.015 U	0.18
mg/L	SW6010	Y	Barium	0.020	0.064	0.43	0.018
mg/L	SW6010	Y	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Y	Cadmium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Y	Calcium	385	47.7	232	267
mg/L	SW6010	Y	Chromium	0.0040 U	0.0013 J	0.0040 U	0.0040 U
mg/L	SW6010	Y	Cobalt	0.00070 J	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Y	Copper	0.0020 J	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Y	Iron	66.4	0.050 U	2.9	29.6
mg/L	SW6010	Y	Lead	0.0067 J	0.010 U	0.0033 J	0.010 U
mg/L	SW6010	Y	Magnesium	41.3	5.5	31.1	23.9
mg/L	SW6010	Y	Manganese	1.4	0.011	0.98	0.41
mg/L	SW6010	Y	Nickel	0.0020 J	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Y	Potassium	15.5	6.6	8.7	13.6
mg/L	SW6010	Y	Selenium	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Y	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Y	Sodium	169	170	34.5	110
mg/L	SW6010	Y	Thallium	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Y	Vanadium	0.0050 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Y	Zinc	0.011	0.0090 J	0.0075 J	0.010
mg/L	SW7470	Y	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U

Notes:
U = Undetected
J = Estimated

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2017 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C RFI-20_1117
			Location	RFI-20
			Sample Date	11/21/2017
			Sample Delivery Group	480-127895-1
Units	**Method**	**Filtered**	**Parameter Name**	
mg/L	SW6010	Y	Aluminum	0.20 U
mg/L	SW6010	Y	Antimony	0.020 U
mg/L	SW6010	Y	Arsenic	0.0084 J
mg/L	SW6010	Y	Barium	0.054
mg/L	SW6010	Y	Beryllium	0.0020 U
mg/L	SW6010	Y	Cadmium	0.0020 U
mg/L	SW6010	Y	Calcium	216
mg/L	SW6010	Y	Chromium	0.0040 U
mg/L	SW6010	Y	Cobalt	0.0040 U
mg/L	SW6010	Y	Copper	0.010 U
mg/L	SW6010	Y	Iron	8.4
mg/L	SW6010	Y	Lead	0.010 U
mg/L	SW6010	Y	Magnesium	21.5
mg/L	SW6010	Y	Manganese	0.49
mg/L	SW6010	Y	Nickel	0.0084 J
mg/L	SW6010	Y	Potassium	8.3
mg/L	SW6010	Y	Selenium	0.025 U
mg/L	SW6010	Y	Silver	0.0060 U
mg/L	SW6010	Y	Sodium	37.8
mg/L	SW6010	Y	Thallium	0.020 U
mg/L	SW6010	Y	Vanadium	0.0050 U
mg/L	SW6010	Y	Zinc	0.0029 J
mg/L	SW7470	Y	Mercury	0.00020 U

Notes:
U = Undetected
J = Estimated

Data Validation Summary Report

Area C 2018 Groundwater Sampling

DATA VALIDATION SUMMARY REPORT
AREA C 2018 GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Prepared for:

Ontario Specialty Contracting, Inc.

Safety. Environmental Stewardship. Innovative Contracting Solutions.
The OSC Group

333 Ganson Street
Buffalo, New York 14203

Prepared by:

Wood Environment & Infrastructure Solutions, Inc.
511 Congress Street
Portland, Maine 04101

November 2018

Project No. 7774180002.01.****

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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

1.0 INTRODUCTION

Data validation was completed on groundwater samples collected in quarterly sampling events in February, June, and August 2018. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data packages 480-131949-1, 480-137373-1 and 480-140719-1. A summary of laboratory data packages and samples is presented in Table 1. The following U.S. Environmental Protection Agency (USEPA, 1996) analytical methods were performed:

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

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

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

Data qualification was completed using general procedures in USEPA Region 2 validation guidelines (USEPA, 2010; USEPA, 2014; USEPA, 2016). Project specific QC limits were used when assessing precision and accuracy (Table 2) as described in the Quality Assurance Project Plan (QAPP) (MACTEC, 2006).

A Honeywell Level II data validation was completed on the entire data set and data validation findings from the Level II validation are reported in Section 2. Data QC reviews are completed using laboratory QC summary forms and the Locus Technology Environmental Information Management (EIM) system. The EIM system has a computerized data validation module that performs data validation for QC checks specified for Level II validation. Sample results and associated QC data are compared to project specific QC limits that are set up by the project chemist prior to running the validation module. The

EIM assigns validation reason codes to all results that are associated with QC measurements outside project QC goals, and the validation module applies data validation qualifiers to the final results. The data qualification actions are reviewed by the project chemist prior to accepting the final data.

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

U = The target compound was not detected at a concentration greater than, or equal to, the quantitation limit.

J = The reported concentration is considered an estimated value.

J+ = The reported concentration is considered an estimated value and biased high.

J- = The reported concentration is considered an estimated value and biased low.

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=Laboratory control sample recovery less than the lower 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 groundwater sample results is provided on Table 4.

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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

2.1 Volatile Organic Compounds

The data were evaluated based on the following parameters:

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

* - Criteria were met for this parameter.

2.1.1 February Event

Reporting Limits

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

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C -RFI-31_0218	480-131949-2	SW8260	2
BCC Area C -PS-06_0218	480-131949-7	SW8260	2
BCC Area C -MW-C04_0218	480-131949-8	SW8260	5

2.1.2 June Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area C MW-C01_0618. The MS percent recoveries for 1,1,2-trichloro-1,2,2-trifluoroethane (67) and dichlorodifluoromethane (68) were less than the QC limit of 70, which indicate low bias. These compounds were not detected in samples BCC Area C MW-C01_0618 and BCC Area C MW-C01 D_0618 and reporting limits were qualified as estimated (UJ) with reason code MSL.

MS/MSD analysis was completed using sample BCC Area C MW-C01_0618. The MS and MSD percent recoveries for chlorobenzene (56/57) was less than the QC limit of 70, which indicate low bias. Results of chlorobenzene in sample BCC Area C PS-05A_0618 was qualified as estimated (J-) with reason code MSL, MSDL

Reporting Limits

The sample from location MW-C01 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 C MW-C01 D_0618	480-137373-8	SW8260	4

2.1.3 August Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area C MW-C04_0818. The MS percent recoveries for 1,4-dichlorobenzene (69/67) were less than the QC limit of 70, which indicate low bias. Results of this compound in samples BCC Area C MW-C01_0618 and BCC Area C MW-C04 D_0818 was qualified as estimated (J-) with reason code MSL, MSDL.

Reporting Limits

The sample from locations MW-C01, RFI-31, MW-C04, PS-05A and PS-06 were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C MW-C01_0818	480-140719-2	SW8260	2
BCC Area C PS-06_0818	480-140719-5	SW8260	5

Field Sample ID	Lab Sample ID	Method	DF
BCC Area C MW-C04_0818	480-140719-1	SW8260	5
BCC Area C MW-C04 D_0818	480-140719-3	SW8260	10
BCC Area C PS-05A_0818	480-140719-4	SW8260	10
BCC Area C RFI-31_0818	480-140719-7	SW8260	10

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 February Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolactam (42) in SDG 480-131949-1, 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 C MW-C01-0618. The MS and MSD percent recoveries for 3,3-dichlorobenzadiene (40/36) and caprolactam (42/43) were less than the QC limit of 50, which indicate low bias. These compounds were not detected in samples BCC Area C MW-C01-

0617 and BCC Area C MW-C01D-0617 and reporting limits were qualified as estimated (UJ) with reason code MSL and MSDL.

Reporting Limits

The sample from location MW-C04 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 C -MW-C04_0218	480-131949-8	SW8270	5

2.2.2 June Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for benzaldehyde (33), caprolactam (45) and hexachlorocyclopentadiene (47) in SDG 480-137373-1, which may indicate low bias. These compounds 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 C MW-C01_0618. The MS and MSD percent recoveries for several compounds were less than the QC limit of 50 and the MSD percent recovery of 3,3-dichlorobenzadiene (0) was less than the 10% of QC limit, which indicate low bias. These compounds were not detected in samples BCC Area C MW-C01_0618 and BCC Area C MW-C01 D_0618 and reporting limits were qualified as estimated (UJ) and rejected (R) for 3,3-dichlorobenzadiene with reason code MSL and MSDL.

Reporting Limits

The sample from location PS-06 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 C PS-06_0618	480-137373-1	SW8270	5

2.2.2 August Event

QC Blanks

Di-n-butyl phthalate was detected in the method blank at a concentration less than the reporting limit. Similar concentrations reported in associated samples were qualified not detected (U) at the reporting limit. Qualifier results are summarized on Table 3 with code BL1.

LCS

The LCS percent recovery was less than the QC limit of 50 percent caprolactam (42) and hexachlorocyclopentadiene (47) in SDG 480-140719-1, which may indicate low bias. Reporting limits for this compound 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 C MW-C04_0818. The MS and/or MSD percent recoveries for 3,3-dichlorobenzadiene (40/36) and caprolactam (36/43) were less than the QC limit of 50, which indicate low bias. These compounds were not detected in samples BCC Area C MW-C04_0818 and BCC Area C MW-C04_0818 and reporting limits are qualified as estimated (UJ) with reason code MSL and/or MSDL.

Reporting Limits

The sample from location MW-C01 and PS-06 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 C MW-C01_0818	480-140719-1	SW8270	5
BCC Area C PS-06_0818	480-140719-1	SW8270	10

2.3 Metals

The data were evaluated based on the following parameters:

* Collection and Preservation
* Holding Times

  Blanks
* LCS
* MS/MSD
* Field Duplicates

* Reporting Limits
* Data Completeness
* Electronic Data Verification

* - all criteria were met for this parameter.

2.3.1 February Event

No QC issues were identified.

2.3.2 June Event

Blanks

Zinc (0.00263 mg/L) was detected below the reporting limit in method blank batch 419749. Zinc results less than reporting limits in associated samples were qualified as non-detect (U) at the reporting limit with reason code BL1.

2.3.3 August Event

No QC issues were identified.

3.0 REFERENCES

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

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

U.S. Environmental Protection Agency (USEPA) Region II, 2010. "Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D"; SOP No. HW-22, Revision 5; December 2010.

U.S. Environmental Protection Agency (USEPA) Region II, 2014. "Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B and 8260C"; SOP No. HW-24, Revision 4; September 2014.

U.S. Environmental Protection Agency (USEPA) Region II, 2016. "ICP-AES Data Validation"; SOP No. HW-3a, Revision 1; September 2016.

Data Validator: Sandhyasree

November 15, 2018

Senior Chemist: Chris Ricardi, NRCC-EAC

November 16, 2018

TABLES

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

				Purpose	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	ID	Type	Date			Total	Dissolved	Total	Dissolved
480-131949-1	BCC Area C -MW-C01_0218	MW-C01	REG	2/27/2018	48	66	22		1	
480-131949-1	BCC Area C -MW-C04_0218	MW-C04	REG	2/27/2018	48	66	22		1	
480-131949-1	BCC Area C-MW-C04 D_0218	MW-C04	FD	2/27/2018	48	66	22		1	
480-131949-1	BCC Area C -PS-04_0218	PS-04	REG	2/27/2018	48	66	22		1	
480-131949-1	BCC Area C -PS-05A_0218	PS-05A	REG	2/27/2018	48	66	22	22	1	1
480-131949-1	BCC Area C -PS-06_0218	PS-06	REG	2/27/2018	48	66	22		1	
480-131949-1	BCC Area C -RFI-31_0218	RFI-31	REG	2/27/2018	48	66	22		1	
480-131949-1	BCC Area C-RFI-20_0218	RFI-20	REG	2/27/2018	48	66	22	22	1	1
480-131949-1	TRIP BLANK-022718	QC	TB	2/27/2018	48					
480-137373-1	BCC Area C MW-C01_0618	MW-C01	REG	6/11/2018	48	66	22	22	1	1
480-137373-1	BCC Area C MW-C01 D_0618	MW-C01	FD	6/11/2018	48	66	22		1	
480-137373-1	BCC Area C MW-C04_0618	MW-C04	REG	6/12/2018			22	22	1	1
480-137373-1	BCC Area C PS-04_0618	PS-04	REG	6/11/2018	48	66	22		1	
480-137373-1	BCC Area C PS-05A_0618	PS-05A	REG	6/12/2018	48	66	22		1	
480-137373-1	BCC Area C PS-06_0618	PS-06	REG	6/12/2018	48	66	22		1	
480-137373-1	BCC Area C RFI-20_0618	RFI-20	REG	6/12/2018	48	66	22		1	
480-137373-1	BCC Area C RFI-31_0618	RFI-31	REG	6/11/2018	48	66	22		1	
480-137373-1	TRIP BLANK-061118	QC	TB	6/11/2018	48					
480-140719-1	BCC Area C MW-C01_0818	MW-C01	REG	8/21/2018	48	66	22	22	1	1
480-140719-1	BCC Area C MW-C04_0818	MW-C04	REG	8/21/2018	48	66	22		1	
480-140719-1	BCC Area C MW-C04 D_0818	MW-C04	FD	8/21/2018	48	66	22		1	
480-140719-1	BCC Area C PS-05A_0818	PS-05A	REG	8/22/2018	48	66	22		1	
480-140719-1	BCC Area C PS-06_0818	PS-06	REG	8/22/2018	48	66	22		1	
480-140719-1	BCC Area C RFI-20_0818	RFI-20	REG	8/22/2018	48	66	22		1	
480-140719-1	BCC Area C RFI-31_0818	RFI-31	REG	8/22/2018	48	66	22		1	
480-140719-1	TRIP BLANK-082218	QC	TB	8/22/2018	48					

Notes
FD: Field duplicate
TB: Trip Blank
REG: Regular Sample
QC: Quality control

Prepared by: Sandhyasree 11/15/2018
Reviewed by: Chris 11/16/2018

TABLE 2
PROJECT PRECISION AND ACCURACY GOALS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

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

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

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C -MW-C01_0218	REG	480-131949-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C -RFI-31_0218	REG	480-131949-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C -PS-04_0218	REG	480-131949-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C-MW-C04 D_0218	FD	480-131949-1	SW8270	3,3'-Dichlorobenzidine	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area C-MW-C04 D_0218	FD	480-131949-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C-RFI-20_0218	REG	480-131949-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C -PS-05A_0218	REG	480-131949-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C -PS-06_0218	REG	480-131949-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C -MW-C04_0218	REG	480-131949-1	SW8270	3,3'-Dichlorobenzidine	25	U	UJ	MSL,MSDL	µg/L
BCC Area C -MW-C04_0218	REG	480-131949-1	SW8270	Caprolactam	25	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U,F2	UJ	MSL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8260	Dichlorodifluoromethane	5.0	U	UJ	MSL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	2-Nitroaniline	10	U,F1	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	3,3'-Dichlorobenzidine	5.0	U,F1	R	MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	3-Nitroaniline	10	U,F1,F2	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	4-Chloroaniline	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	4-Nitroaniline	10	U,F1	R	MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	Aniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C01_0618	REG	480-137373-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0618	REG	480-137373-1	SW6010	Zinc	0.010	J,B	U	BL1	mg/L
BCC Area C RFI-31_0618	REG	480-137373-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0618	REG	480-137373-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0618	REG	480-137373-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-04_0618	REG	480-137373-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-04_0618	REG	480-137373-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-04_0618	REG	480-137373-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0618	REG	480-137373-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0618	REG	480-137373-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0618	REG	480-137373-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0618	REG	480-137373-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0618	REG	480-137373-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0618	REG	480-137373-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0618	REG	480-137373-1	SW6010	Zinc	0.010	J,B	U	BL1	mg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C PS-05A_0618	REG	480-137373-1	SW8260	Chlorobenzene	740	F1	J-	MSL,MSDL	µg/L
BCC Area C PS-05A_0618	REG	480-137373-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0618	REG	480-137373-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0618	REG	480-137373-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-06_0618	REG	480-137373-1	SW6010	Zinc	0.010	J,B	U	BL1	mg/L
BCC Area C PS-06_0618	REG	480-137373-1	SW8270	Benzaldehyde	25	U	UJ	LCSL	µg/L
BCC Area C PS-06_0618	REG	480-137373-1	SW8270	Caprolactam	25	U	UJ	LCSL	µg/L
BCC Area C PS-06_0618	REG	480-137373-1	SW8270	Hexachlorocyclopentadiene	25	U	UJ	LCSL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	UJ	MSL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8260	Dichlorodifluoromethane	4.0	U	UJ	MSL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	2-Nitroaniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	3,3'-Dichlorobenzidine	5.0	U	R	MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	3-Nitroaniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	4-Chloroaniline	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	4-Nitroaniline	10	U	R	MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	Aniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	Benzaldehyde	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C01 D_0618	FD	480-137373-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C MW-C04_0818	REG	480-140719-1	SW8260	1,4-Dichlorobenzene	59	F1	J-	MSL,MSDL	µg/L
BCC Area C MW-C04_0818	REG	480-140719-1	SW8270	3,3'-Dichlorobenzidine	5.0	U	U	MSL,MSDL	µg/L
BCC Area C MW-C04_0818	REG	480-140719-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C04_0818	REG	480-140719-1	SW8270	Di-n-butyl phthalate	5.0	J,B,*	U	BL1	µg/L
BCC Area C MW-C04_0818	REG	480-140719-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL,MSL	µg/L
BCC Area C MW-C01_0818	REG	480-140719-1	SW8270	Caprolactam	50	U	UJ	LCSL	µg/L
BCC Area C MW-C01_0818	REG	480-140719-1	SW8270	Hexachlorocyclopentadiene	50	U	UJ	LCSL	µg/L
BCC Area C MW-C04 D_0818	FD	480-140719-1	SW8260	1,4-Dichlorobenzene	57		J-	MSL,MSDL	µg/L
BCC Area C MW-C04 D_0818	FD	480-140719-1	SW8270	3,3'-Dichlorobenzidine	5.0	U	U	MSL,MSDL	µg/L
BCC Area C MW-C04 D_0818	FD	480-140719-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area C MW-C04 D_0818	FD	480-140719-1	SW8270	Di-n-butyl phthalate	5.0	J,B,*	U	BL1	µg/L
BCC Area C MW-C04 D_0818	FD	480-140719-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL,MSL	µg/L
BCC Area C PS-05A_0818	REG	480-140719-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-05A_0818	REG	480-140719-1	SW8270	Di-n-butyl phthalate	5.0	J,B,*	U	BL1	µg/L
BCC Area C PS-05A_0818	REG	480-140719-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C PS-06_0818	REG	480-140719-1	SW8270	Caprolactam	25	U	UJ	LCSL	µg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area C PS-06_0818	REG	480-140719-1	SW8270	Hexachlorocyclopentadiene	25	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0818	REG	480-140719-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-20_0818	REG	480-140719-1	SW8270	Di-n-butyl phthalate	5.0	J,B,*	U	BL1	µg/L
BCC Area C RFI-20_0818	REG	480-140719-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0818	REG	480-140719-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area C RFI-31_0818	REG	480-140719-1	SW8270	Di-n-butyl phthalate	5.0	J,B,*	U	BL1	µg/L
BCC Area C RFI-31_0818	REG	480-140719-1	SW8270	Hexachlorocyclopentadiene	5.0	U	UJ	LCSL	µg/L

Notes:

BL1= Result qualified due to laboratory blank
LCSL= LCS recovery less than the lower limit
MSDL= Matrix spike duplicate recovery less than the lower limit
MSL= Matrix spike recovery less than the lower limit
U= Undetected
J= Estimated
J-= Estimated low bias
R= Rejected

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -MW-C01_0218	BCC Area C -MW-C04_0218	BCC Area C-MW-C04 D_0218
		Location	MW-C01	MW-C04	MW-C04
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	5.1	0.11 J	0.13 J
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	0.086	0.32	0.36
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	37.4	201	222
mg/L	SW6010	Chromium	0.016	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0011 J	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.016	0.0036 J	0.0053 J
mg/L	SW6010	Iron	4.7	6.8	7.7
mg/L	SW6010	Lead	0.059	0.010 U	0.010 U
mg/L	SW6010	Magnesium	4.5	27.4	30.4
mg/L	SW6010	Manganese	0.058	0.85	0.94
mg/L	SW6010	Nickel	0.0076 J	0.010 U	0.010 U
mg/L	SW6010	Potassium	5.1	6.5	7.3
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	25.0	28.1	31.4
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.012	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.089	0.0048 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	5.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	4.6 J	4.3
µg/L	SW8260	1,2-Dichloroethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	24	23

Prepared by: Sandhyasree 11/15/2018
Reviewed by: Chris 11/16/2018

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -MW-C01_0218	BCC Area C -MW-C04_0218	BCC Area C-MW-C04 D_0218
		Location	MW-C01	MW-C04	MW-C04
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	41	40
µg/L	SW8260	2-Butanone (MEK)	10 U	50 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	25 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	25 U	5.0 U
µg/L	SW8260	Acetone	10 U	50 U	10 U
µg/L	SW8260	Benzene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	280	250
µg/L	SW8260	Chloroethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	13 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	5.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	10 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	25 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -MW-C01_0218	BCC Area C -MW-C04_0218	BCC Area C-MW-C04 D_0218
		Location	MW-C01	MW-C04	MW-C04
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	25 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	25 U	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	25 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	50 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	25 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	25 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	25 U	5.0 U
µg/L	SW8270	2-Chlorophenol	5.0 U	25 U	0.67 J
µg/L	SW8270	2-Methylnaphthalene	5.0 U	25 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	25 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 U	50 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	25 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	25 UJ	5.0 UJ
µg/L	SW8270	3-Nitroaniline	10 U	50 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	50 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	25 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	25 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 U	25 U	5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	25 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	50 U	10 U
µg/L	SW8270	4-Nitroaniline	10 U	50 U	10 U
µg/L	SW8270	4-Nitrophenol	10 U	50 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	25 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	25 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	25 U	5.0 U
µg/L	SW8270	Aniline	10 U	50 U	10 U
µg/L	SW8270	Anthracene	0.45 J	25 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	25 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 U	25 U	5.0 U
µg/L	SW8270	Benzo(a)anthracene	1.1 J	25 U	5.0 U
µg/L	SW8270	Benzo(a)pyrene	1.1 J	25 U	5.0 U
µg/L	SW8270	Benzo(b)fluoranthene	1.3 J	25 U	5.0 U
µg/L	SW8270	Benzo(g,h,i)perylene	0.74 J	25 U	5.0 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	25 U	5.0 U
µg/L	SW8270	Biphenyl	5.0 U	25 U	5.0 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	25 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -MW-C01_0218	BCC Area C -MW-C04_0218	BCC Area C-MW-C04 D_0218
		Location	MW-C01	MW-C04	MW-C04
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	25 U	5.0 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	25 U	5.0 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	25 U	5.0 U
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	25 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	25 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	25 U	5.0 U
µg/L	SW8270	Chrysene	1.1 J	25 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	25 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	25 U	5.0 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	25 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	50 U	10 U
µg/L	SW8270	Diethyl phthalate	5.0 U	25 U	5.0 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	25 U	5.0 U
µg/L	SW8270	Fluoranthene	2.2 J	25 U	5.0 U
µg/L	SW8270	Fluorene	5.0 U	25 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	25 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	25 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 U	25 U	5.0 U
µg/L	SW8270	Hexachloroethane	5.0 U	25 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	0.72 J	25 U	5.0 U
µg/L	SW8270	Isophorone	5.0 U	25 U	5.0 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	25 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	25 U	5.0 U
µg/L	SW8270	Naphthalene	5.0 U	25 U	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	25 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	50 U	10 U
µg/L	SW8270	Phenanthrene	1.5 J	25 U	5.0 U
µg/L	SW8270	Phenol	5.0 U	25 U	5.0 U
µg/L	SW8270	Pyrene	1.8 J	25 U	5.0 U

Notes:

U = undetected

J = estimated value

J- = estimated value low bias

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -PS-04_0218	BCC Area C -PS-05A_0218	BCC Area C -PS-06_0218
		Location	PS-04	PS-05A	PS-06
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.16 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	0.071	0.074
mg/L	SW6010	Barium	0.036	0.014	0.0082
mg/L	SW6010	Beryllium	0.00033 J	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0064	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	210	252	200
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.011	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.084	0.010 U	0.010 U
mg/L	SW6010	Iron	0.13	19.0	36.8
mg/L	SW6010	Lead	0.010 U	0.020 U	0.050 U
mg/L	SW6010	Magnesium	32.4	25.3	9.6
mg/L	SW6010	Manganese	0.017	0.35	0.16
mg/L	SW6010	Nickel	0.078	0.010 U	0.010 U
mg/L	SW6010	Potassium	8.2	11.4	52.5
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	28.3	91.1	47.9
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	0.46	0.0083 J	0.0038 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	2.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 J
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	2.7	2.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	2.0 U

Prepared by: Sandhyasree 11/15/2018
Reviewed by: Chris 11/16/2018

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -PS-04_0218	BCC Area C -PS-05A_0218	BCC Area C -PS-06_0218
		Location	PS-04	PS-05A	PS-06
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	20 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	10 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	10 U
µg/L	SW8260	Acetone	10 U	10 U	20 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	160	2.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	5.0 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	2.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	4.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -PS-04_0218	BCC Area C -PS-05A_0218	BCC Area C -PS-06_0218
		Location	PS-04	PS-05A	PS-06
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chlorophenol	5.0 U	1.7 J	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3-Nitroaniline	10 U	10 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	10 U	10 U
µg/L	SW8270	4-Nitroaniline	10 U	10 U	10 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Aniline	10 U	10 U	10 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(a)anthracene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(a)pyrene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Biphenyl	5.0 U	5.0 U	5.0 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -PS-04_0218	BCC Area C -PS-05A_0218	BCC Area C -PS-06_0218
		Location	PS-04	PS-05A	PS-06
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Chrysene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	10 U	10 U
µg/L	SW8270	Diethyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluorene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Isophorone	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Naphthalene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	10 U	10 U
µg/L	SW8270	Phenanthrene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Phenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pyrene	5.0 U	5.0 U	5.0 U

Notes:

U = undetected

J = estimated value

J- = estimated value low bias

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C -RFI-31_0218	BCC Area C-RFI-20_0218	TRIP BLANK-022718
			Location	RFI-31	RFI-20	QC
			Sample Date	02/27/2018	02/27/2018	02/27/2018
			Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum		0.11 J	0.075 J	
mg/L	SW6010	Antimony		0.020 U	0.020 U	
mg/L	SW6010	Arsenic		0.0070 J	0.014 J	
mg/L	SW6010	Barium		0.022	0.067	
mg/L	SW6010	Beryllium		0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium		0.00098 J	0.0020 U	
mg/L	SW6010	Calcium		461	213	
mg/L	SW6010	Chromium		0.0040 U	0.0040 U	
mg/L	SW6010	Cobalt		0.0035 J	0.0040 U	
mg/L	SW6010	Copper		0.010 U	0.010 U	
mg/L	SW6010	Iron		1.3	13.8	
mg/L	SW6010	Lead		0.10 U	0.020 U	
mg/L	SW6010	Magnesium		168	20.8	
mg/L	SW6010	Manganese		1.5	0.40	
mg/L	SW6010	Nickel		0.0039 J	0.0081 J	
mg/L	SW6010	Potassium		12.5	7.0	
mg/L	SW6010	Selenium		0.025 U	0.025 U	
mg/L	SW6010	Silver		0.0060 U	0.0060 U	
mg/L	SW6010	Sodium		2210	24.7	
mg/L	SW6010	Thallium		0.020 U	0.020 U	
mg/L	SW6010	Vanadium		0.0050 U	0.0031 J	
mg/L	SW6010	Zinc		0.0060 J	0.018	
mg/L	SW7470	Mercury		0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene		16	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane		2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene		8.5	1.0 U	1.0 U

Prepared by: Sandhyasree 11/15/2018
Reviewed by: Chris 11/16/2018

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C -RFI-31_0218	BCC Area C-RFI-20_0218	TRIP BLANK-022718
		Location	RFI-31	RFI-20	QC
		Sample Date	02/27/2018	02/27/2018	02/27/2018
		Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	20 U	10 U	10 U
µg/L	SW8260	2-Hexanone	10 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	10 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	20 U	10 U	10 U
µg/L	SW8260	Benzene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	2.1	15	1.0 U
µg/L	SW8260	Chloroethane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	5.0 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	4.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C -RFI-31_0218	BCC Area C-RFI-20_0218	TRIP BLANK-022718
			Location	RFI-31	RFI-20	QC
			Sample Date	02/27/2018	02/27/2018	02/27/2018
			Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name				
µg/L	SW8270	2,4,6-Trichlorophenol		5.0 U	5.0 U	
µg/L	SW8270	2,4-Dichlorophenol		0.51 J	5.0 U	
µg/L	SW8270	2,4-Dimethylphenol		5.0 U	5.0 U	
µg/L	SW8270	2,4-Dinitrophenol		10 U	10 U	
µg/L	SW8270	2,4-Dinitrotoluene		5.0 U	5.0 U	
µg/L	SW8270	2,6-Dinitrotoluene		5.0 U	5.0 U	
µg/L	SW8270	2-Chloronaphthalene		5.0 U	5.0 U	
µg/L	SW8270	2-Chlorophenol		5.0 U	5.0 U	
µg/L	SW8270	2-Methylnaphthalene		5.0 U	5.0 U	
µg/L	SW8270	2-Methylphenol		5.0 U	5.0 U	
µg/L	SW8270	2-Nitroaniline		10 U	10 U	
µg/L	SW8270	2-Nitrophenol		5.0 U	5.0 U	
µg/L	SW8270	3,3'-Dichlorobenzidine		5.0 U	5.0 U	
µg/L	SW8270	3-Nitroaniline		10 U	10 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol		10 U	10 U	
µg/L	SW8270	4-Bromophenyl phenyl ether		5.0 U	5.0 U	
µg/L	SW8270	4-Chloro-3-methylphenol		5.0 U	5.0 U	
µg/L	SW8270	4-Chloroaniline		5.0 U	5.0 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether		5.0 U	5.0 U	
µg/L	SW8270	4-Methylphenol		10 U	10 U	
µg/L	SW8270	4-Nitroaniline		10 U	10 U	
µg/L	SW8270	4-Nitrophenol		10 U	10 U	
µg/L	SW8270	Acenaphthene		5.0 U	5.0 U	
µg/L	SW8270	Acenaphthylene		5.0 U	5.0 U	
µg/L	SW8270	Acetophenone		5.0 U	5.0 U	
µg/L	SW8270	Aniline		10 U	10 U	
µg/L	SW8270	Anthracene		5.0 U	5.0 U	
µg/L	SW8270	Atrazine		5.0 U	5.0 U	
µg/L	SW8270	Benzaldehyde		5.0 U	5.0 U	
µg/L	SW8270	Benzo(a)anthracene		5.0 U	5.0 U	
µg/L	SW8270	Benzo(a)pyrene		5.0 U	5.0 U	
µg/L	SW8270	Benzo(b)fluoranthene		5.0 U	5.0 U	
µg/L	SW8270	Benzo(g,h,i)perylene		5.0 U	5.0 U	
µg/L	SW8270	Benzo(k)fluoranthene		5.0 U	5.0 U	
µg/L	SW8270	Biphenyl		5.0 U	5.0 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether		5.0 U	5.0 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C -RFI-31_0218	BCC Area C-RFI-20_0218	TRIP BLANK-022718
			Location	RFI-31	RFI-20	QC
			Sample Date	02/27/2018	02/27/2018	02/27/2018
			Sample Delivery Group	480-131949-1	480-131949-1	480-131949-1
Units	Method	Parameter Name				
µg/L	SW8270	Bis(2-chloroethoxy)methane		5.0 U	5.0 U	
µg/L	SW8270	Bis(2-chloroethyl)ether		5.0 U	5.0 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		5.0 U	5.0 U	
µg/L	SW8270	Butyl benzyl phthalate		5.0 U	5.0 U	
µg/L	SW8270	Caprolactam		5.0 UJ	5.0 UJ	
µg/L	SW8270	Carbazole		5.0 U	5.0 U	
µg/L	SW8270	Chrysene		5.0 U	5.0 U	
µg/L	SW8270	Di-n-butyl phthalate		5.0 U	5.0 U	
µg/L	SW8270	Di-n-octyl phthalate		5.0 U	5.0 U	
µg/L	SW8270	Dibenz(a,h)anthracene		5.0 U	5.0 U	
µg/L	SW8270	Dibenzofuran		10 U	10 U	
µg/L	SW8270	Diethyl phthalate		5.0 U	5.0 U	
µg/L	SW8270	Dimethyl phthalate		5.0 U	5.0 U	
µg/L	SW8270	Fluoranthene		5.0 U	5.0 U	
µg/L	SW8270	Fluorene		5.0 U	5.0 U	
µg/L	SW8270	Hexachlorobenzene		5.0 U	5.0 U	
µg/L	SW8270	Hexachlorobutadiene		5.0 U	5.0 U	
µg/L	SW8270	Hexachlorocyclopentadiene		5.0 U	5.0 U	
µg/L	SW8270	Hexachloroethane		5.0 U	5.0 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		5.0 U	5.0 U	
µg/L	SW8270	Isophorone		5.0 U	5.0 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine		5.0 U	5.0 U	
µg/L	SW8270	N-Nitrosodiphenylamine		5.0 U	5.0 U	
µg/L	SW8270	Naphthalene		5.0 U	5.0 U	
µg/L	SW8270	Nitrobenzene		5.0 U	5.0 U	
µg/L	SW8270	Pentachlorophenol		10 U	10 U	
µg/L	SW8270	Phenanthrene		5.0 U	5.0 U	
µg/L	SW8270	Phenol		5.0 U	5.0 U	
µg/L	SW8270	Pyrene		5.0 U	5.0 U	

Notes:
U = undetected
J = estimated value
J- = estimated value low bias

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0618	BCC Area C MW-C01 D_0618	BCC Area C MW-C04_0618
		Location	MW-C01	MW-C01	MW-C04
		Sample Date	06/11/2018	06/11/2018	06/12/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	2.5	2.2	0.74
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.0071 J	0.015 U	0.015 U
mg/L	SW6010	Barium	0.39	0.37	0.28
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0019 J	0.0016 J	0.0020 U
mg/L	SW6010	Calcium	346	331	212
mg/L	SW6010	Chromium	0.0075	0.0061	0.0021 J
mg/L	SW6010	Cobalt	0.0017 J	0.0019 J	0.0040 U
mg/L	SW6010	Copper	0.016	0.016	0.033
mg/L	SW6010	Iron	3.2	2.8	8.8
mg/L	SW6010	Lead	0.032	0.029	0.0049 J
mg/L	SW6010	Magnesium	92.9	88.4	27.9
mg/L	SW6010	Manganese	1.0	0.99	1.1
mg/L	SW6010	Nickel	0.0067 J	0.0064 J	0.010 U
mg/L	SW6010	Potassium	31.6	29.7	8.0
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	4370	4220	38.5
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0059	0.0053	0.0025 J
mg/L	SW6010	Zinc	0.16	0.14	0.035
mg/L	SW7470	Mercury	0.00044	0.00045	0.00020
µg/L	SW8260	1,1,1-Trichloroethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 UJ	4.0 UJ	2.0 U
µg/L	SW8260	1,1,2-Trichloroethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,1-Dichloroethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,1-Dichloroethene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,2-Dibromoethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,2-Dichlorobenzene	5.0 U	4.0 U	4.4
µg/L	SW8260	1,2-Dichloroethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,2-Dichloropropane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	1,3-Dichlorobenzene	5.0 U	4.0 U	23

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0618	BCC Area C MW-C01 D_0618	BCC Area C MW-C04_0618
		Location	MW-C01	MW-C01	MW-C04
		Sample Date	06/11/2018	06/11/2018	06/12/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	5.0 U	4.0 U	40
µg/L	SW8260	2-Butanone (MEK)	50 U	40 U	20 U
µg/L	SW8260	2-Hexanone	25 U	20 U	10 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	25 U	20 U	10 U
µg/L	SW8260	Acetone	50 U	40 U	20 U
µg/L	SW8260	Benzene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Bromodichloromethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Bromoform	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Bromomethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Carbon disulfide	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Carbon tetrachloride	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Chlorobenzene	5.0 U	4.0 U	310
µg/L	SW8260	Chloroethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Chloroform	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Chloromethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Cyclohexane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Dibromochloromethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Dichlorodifluoromethane	5.0 UJ	4.0 UJ	2.0 U
µg/L	SW8260	Ethylbenzene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Isopropylbenzene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Methyl acetate	13 U	10 U	5.0 U
µg/L	SW8260	Methyl tert-butyl ether	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Methylcyclohexane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Methylene Chloride	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Styrene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Tetrachloroethene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Toluene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Trichloroethene	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Trichlorofluoromethane	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Vinyl chloride	5.0 U	4.0 U	2.0 U
µg/L	SW8260	Xylenes, Total	10 U	8.0 U	4.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0618	BCC Area C MW-C01 D_0618	BCC Area C MW-C04_0618
		Location	MW-C01	MW-C01	MW-C04
		Sample Date	06/11/2018	06/11/2018	06/12/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	5.0 U	3.3 J
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Chlorophenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 UJ	10 UJ	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 R	5.0 R	5.0 U
µg/L	SW8270	3-Nitroaniline	10 UJ	10 UJ	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 UJ	5.0 UJ	5.0 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	10 U	10 U
µg/L	SW8270	4-Nitroaniline	10 R	10 R	10 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Aniline	10 UJ	10 UJ	10 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Benzo(a)anthracene	0.55 J	0.78 J	5.0 U
µg/L	SW8270	Benzo(a)pyrene	0.59 J	0.82 J	5.0 U
µg/L	SW8270	Benzo(b)fluoranthene	0.79 J	1.1 J	5.0 U
µg/L	SW8270	Benzo(g,h,i)perylene	0.40 J	0.54 J	5.0 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Biphenyl	5.0 U	5.0 U	5.0 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C01_0618	BCC Area C MW-C01 D_0618	BCC Area C MW-C04_0618
		Location	MW-C01	MW-C01	MW-C04
		Sample Date	06/11/2018	06/11/2018	06/12/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Chrysene	0.53 J	0.78 J	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	10 U	10 U
µg/L	SW8270	Diethyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	1.3 J	1.7 J	5.0 U
µg/L	SW8270	Fluorene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 UJ	5.0 UJ	5.0 UJ
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	0.54 J	5.0 U
µg/L	SW8270	Isophorone	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	5.0 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Naphthalene	5.0 U	5.0 U	2.1 J
µg/L	SW8270	Nitrobenzene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	10 U	10 U
µg/L	SW8270	Phenanthrene	0.63 J	0.91 J	5.0 U
µg/L	SW8270	Phenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pyrene	0.98 J	1.4 J	5.0 U

Notes:

U = undetected

J = estimated value

J- = estimated value low bias

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C PS-04_0618	BCC Area C PS-05A_0618	BCC Area C PS-06_0618
			Location	PS-04	PS-05A	PS-06
			Sample Date	06/11/2018	06/12/2018	06/12/2018
			Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum		0.32	0.20 U	0.13 J
mg/L	SW6010	Antimony		0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic		0.015 U	0.11	0.073
mg/L	SW6010	Barium		0.038	0.015	0.0094
mg/L	SW6010	Beryllium		0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium		0.0056	0.0020 U	0.0020 U
mg/L	SW6010	Calcium		202	230	211
mg/L	SW6010	Chromium		0.0011 J	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt		0.0025 J	0.0040 U	0.0040 U
mg/L	SW6010	Copper		0.031	0.010 U	0.010 U
mg/L	SW6010	Iron		0.53	15.9	36.0
mg/L	SW6010	Lead		0.010 U	0.020 U	0.050 U
mg/L	SW6010	Magnesium		29.4	18.4	10.7
mg/L	SW6010	Manganese		0.038	0.31	0.18
mg/L	SW6010	Nickel		0.051	0.010 U	0.010 U
mg/L	SW6010	Potassium		7.6	13.8	55.2
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		20.0	117	57.8
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		0.30	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	2.0 U	5.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,1,2-Trichloroethane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,1-Dichloroethene		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,2-Dibromoethane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,2-Dichlorobenzene		1.0 U	28	5.0 U
µg/L	SW8260	1,2-Dichloroethane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,2-Dichloropropane		1.0 U	2.0 U	5.0 U
µg/L	SW8260	1,3-Dichlorobenzene		1.0 U	2.0 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04_0618	BCC Area C PS-05A_0618	BCC Area C PS-06_0618
		Location	PS-04	PS-05A	PS-06
		Sample Date	06/11/2018	06/12/2018	06/12/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.7 J	5.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	20 U	50 U
µg/L	SW8260	2-Hexanone	5.0 U	10 U	25 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	10 U	25 U
µg/L	SW8260	Acetone	10 U	20 U	50 U
µg/L	SW8260	Benzene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Bromoform	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Bromomethane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	740 J-	5.0 U
µg/L	SW8260	Chloroethane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Chloroform	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Chloromethane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Cyclohexane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Methyl acetate	2.5 U	5.0 U	13 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Styrene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Toluene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Trichloroethene	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	2.0 U	5.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	4.0 U	10 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	25 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C PS-04_0618	BCC Area C PS-05A_0618	BCC Area C PS-06_0618
		Location	PS-04	PS-05A	PS-06
		Sample Date	06/11/2018	06/12/2018	06/12/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	25 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	5.0 U	25 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U	25 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U	50 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U	25 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Chlorophenol	5.0 U	12	25 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Nitroaniline	10 U	10 U	50 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	25 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U	25 U
µg/L	SW8270	3-Nitroaniline	10 U	10 U	50 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U	50 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Methylphenol	10 U	10 U	50 U
µg/L	SW8270	4-Nitroaniline	10 U	10 U	50 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U	50 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U	25 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	25 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	25 U
µg/L	SW8270	Aniline	10 U	10 U	50 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U	25 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzaldehyde	5.0 UJ	5.0 UJ	25 UJ
µg/L	SW8270	Benzo(a)anthracene	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(a)pyrene	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	5.0 U	25 U
µg/L	SW8270	Biphenyl	5.0 U	5.0 U	25 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	25 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C PS-04_0618	BCC Area C PS-05A_0618	BCC Area C PS-06_0618
			Location	PS-04	PS-05A	PS-06
			Sample Date	06/11/2018	06/12/2018	06/12/2018
			Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1
Units	Method	Parameter Name				
µg/L	SW8270	Bis(2-chloroethoxy)methane		5.0 U	5.0 U	25 U
µg/L	SW8270	Bis(2-chloroethyl)ether		5.0 U	5.0 U	25 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		5.0 U	5.0 U	25 U
µg/L	SW8270	Butyl benzyl phthalate		5.0 U	5.0 U	25 U
µg/L	SW8270	Caprolactam		5.0 UJ	5.0 UJ	25 UJ
µg/L	SW8270	Carbazole		5.0 U	5.0 U	25 U
µg/L	SW8270	Chrysene		5.0 U	5.0 U	25 U
µg/L	SW8270	Di-n-butyl phthalate		5.0 U	5.0 U	25 U
µg/L	SW8270	Di-n-octyl phthalate		5.0 U	5.0 U	25 U
µg/L	SW8270	Dibenz(a,h)anthracene		5.0 U	5.0 U	25 U
µg/L	SW8270	Dibenzofuran		10 U	10 U	50 U
µg/L	SW8270	Diethyl phthalate		5.0 U	5.0 U	25 U
µg/L	SW8270	Dimethyl phthalate		5.0 U	5.0 U	25 U
µg/L	SW8270	Fluoranthene		5.0 U	5.0 U	25 U
µg/L	SW8270	Fluorene		5.0 U	5.0 U	25 U
µg/L	SW8270	Hexachlorobenzene		5.0 U	5.0 U	25 U
µg/L	SW8270	Hexachlorobutadiene		5.0 U	5.0 U	25 U
µg/L	SW8270	Hexachlorocyclopentadiene		5.0 UJ	5.0 UJ	25 UJ
µg/L	SW8270	Hexachloroethane		5.0 U	5.0 U	25 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		5.0 U	5.0 U	25 U
µg/L	SW8270	Isophorone		5.0 U	5.0 U	25 U
µg/L	SW8270	N-Nitrosodi-n-propylamine		5.0 U	5.0 U	25 U
µg/L	SW8270	N-Nitrosodiphenylamine		5.0 U	5.0 U	25 U
µg/L	SW8270	Naphthalene		5.0 U	5.0 U	25 U
µg/L	SW8270	Nitrobenzene		5.0 U	5.0 U	25 U
µg/L	SW8270	Pentachlorophenol		10 U	10 U	50 U
µg/L	SW8270	Phenanthrene		5.0 U	5.0 U	25 U
µg/L	SW8270	Phenol		5.0 U	5.0 U	25 U
µg/L	SW8270	Pyrene		5.0 U	5.0 U	25 U

Notes:
U = undetected
J = estimated value
J- = estimated value low bias

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0618	BCC Area C RFI-31_0618	TRIP BLANK-061118	BCC Area C MW-C01_0818
		Location	RFI-20	RFI-31	QC	MW-C01
		Sample Date	06/12/2018	06/11/2018	06/11/2018	08/21/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1	480-140719-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.15 J		7.0
mg/L	SW6010	Antimony	0.020 U	0.020 U		0.020 U
mg/L	SW6010	Arsenic	0.0067 J	0.015 U		0.013 J
mg/L	SW6010	Barium	0.052	0.020		0.32
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U		0.00033 J
mg/L	SW6010	Cadmium	0.0020 U	0.00072 J		0.0014 J
mg/L	SW6010	Calcium	187	421		303
mg/L	SW6010	Chromium	0.0040 U	0.0040 U		0.018
mg/L	SW6010	Cobalt	0.0040 U	0.0027 J		0.0044
mg/L	SW6010	Copper	0.010 U	0.010 U		0.058
mg/L	SW6010	Iron	9.1	0.39		11.6
mg/L	SW6010	Lead	0.010 U	0.10 U		0.15
mg/L	SW6010	Magnesium	22.0	155		83.3
mg/L	SW6010	Manganese	0.39	1.6		0.91
mg/L	SW6010	Nickel	0.012	0.0036 J		0.016
mg/L	SW6010	Potassium	7.7	13.5		27.9
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	23.0	2240		3260
mg/L	SW6010	Thallium	0.020 U	0.020 U		0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U		0.019
mg/L	SW6010	Zinc	0.032	0.010 U		0.25
mg/L	SW7470	Mercury	0.00020 U	0.00020 U		0.0020
µg/L	SW8260	1,1,1-Trichloroethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,1,2-Trichloroethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,1-Dichloroethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,1-Dichloroethene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	2.0 U	540	1.0 U	2.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,2-Dibromoethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,2-Dichlorobenzene	2.0 U	21	1.0 U	2.0 U
µg/L	SW8260	1,2-Dichloroethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,2-Dichloropropane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	1,3-Dichlorobenzene	2.0 U	93	1.0 U	2.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0618	BCC Area C RFI-31_0618	TRIP BLANK-061118	BCC Area C MW-C01_0818
		Location	RFI-20	RFI-31	QC	MW-C01
		Sample Date	06/12/2018	06/11/2018	06/11/2018	08/21/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1	480-140719-1
Units	Method	Parameter Name				
µg/L	SW8260	1,4-Dichlorobenzene	2.0 U	19	1.0 U	2.0 U
µg/L	SW8260	2-Butanone (MEK)	20 U	100 U	10 U	20 U
µg/L	SW8260	2-Hexanone	10 U	50 U	5.0 U	10 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	10 U	50 U	5.0 U	10 U
µg/L	SW8260	Acetone	20 U	100 U	10 U	20 U
µg/L	SW8260	Benzene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Bromodichloromethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Bromoform	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Bromomethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Carbon disulfide	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Carbon tetrachloride	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Chlorobenzene	19	93	1.0 U	2.0 U
µg/L	SW8260	Chloroethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Chloroform	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Chloromethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Cyclohexane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Dibromochloromethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Dichlorodifluoromethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Ethylbenzene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Isopropylbenzene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Methyl acetate	5.0 U	25 U	2.5 U	5.0 U
µg/L	SW8260	Methyl tert-butyl ether	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Methylcyclohexane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Methylene Chloride	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Styrene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Tetrachloroethene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Toluene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Trichloroethene	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Trichlorofluoromethane	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Vinyl chloride	2.0 U	10 U	1.0 U	2.0 U
µg/L	SW8260	Xylenes, Total	4.0 U	20 U	2.0 U	4.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U		50 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0618	BCC Area C RFI-31_0618	TRIP BLANK-061118	BCC Area C MW-C01_0818
		Location	RFI-20	RFI-31	QC	MW-C01
		Sample Date	06/12/2018	06/11/2018	06/11/2018	08/21/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1	480-140719-1
Units	Method	Parameter Name				
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U		50 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	0.64 J		50 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U		50 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U		100 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U		50 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U		50 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U		50 U
µg/L	SW8270	2-Chlorophenol	5.0 U	5.0 U		50 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U		50 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U		50 U
µg/L	SW8270	2-Nitroaniline	10 U	10 U		100 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U		50 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U		50 U
µg/L	SW8270	3-Nitroaniline	10 U	10 U		100 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U		100 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U		50 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U		50 U
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U		50 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U		50 U
µg/L	SW8270	4-Methylphenol	10 U	10 U		100 U
µg/L	SW8270	4-Nitroaniline	10 U	10 U		100 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U		100 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U		50 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U		50 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U		50 U
µg/L	SW8270	Aniline	10 U	10 U		100 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U		50 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U		50 U
µg/L	SW8270	Benzaldehyde	5.0 UJ	5.0 UJ		50 U
µg/L	SW8270	Benzo(a)anthracene	5.0 U	5.0 U		50 U
µg/L	SW8270	Benzo(a)pyrene	5.0 U	5.0 U		50 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	5.0 U		3.5 J
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	5.0 U		50 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	5.0 U		50 U
µg/L	SW8270	Biphenyl	5.0 U	5.0 U		50 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U		50 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0618	BCC Area C RFI-31_0618	TRIP BLANK-061118	BCC Area C MW-C01_0818
		Location	RFI-20	RFI-31	QC	MW-C01
		Sample Date	06/12/2018	06/11/2018	06/11/2018	08/21/2018
		Sample Delivery Group	480-137373-1	480-137373-1	480-137373-1	480-140719-1
Units	Method	Parameter Name				
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	5.0 U		50 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	5.0 U		50 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	5.0 U		50 U
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	5.0 U		50 U
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ		50 UJ
µg/L	SW8270	Carbazole	5.0 U	5.0 U		50 U
µg/L	SW8270	Chrysene	5.0 U	5.0 U		50 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U		50 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U		50 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	5.0 U		50 U
µg/L	SW8270	Dibenzofuran	10 U	10 U		100 U
µg/L	SW8270	Diethyl phthalate	5.0 U	0.22 J		50 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	5.0 U		50 U
µg/L	SW8270	Fluoranthene	5.0 U	5.0 U		4.3 J
µg/L	SW8270	Fluorene	5.0 U	5.0 U		50 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U		50 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U		50 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 UJ	5.0 UJ		50 UJ
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U		50 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	5.0 U		50 U
µg/L	SW8270	Isophorone	5.0 U	5.0 U		50 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	5.0 U		50 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	5.0 U		50 U
µg/L	SW8270	Naphthalene	5.0 U	5.0 U		50 U
µg/L	SW8270	Nitrobenzene	5.0 U	5.0 U		50 U
µg/L	SW8270	Pentachlorophenol	10 U	10 U		100 U
µg/L	SW8270	Phenanthrene	5.0 U	5.0 U		50 U
µg/L	SW8270	Phenol	5.0 U	5.0 U		50 U
µg/L	SW8270	Pyrene	5.0 U	5.0 U		3.6 J

Notes:
U = undetected
J = estimated value
J- = estimated value low bias

Prepared by: Sandhyasree 11/15/2018
Reviewed by: Chris 11/16/2018

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C04_0818	BCC Area C MW-C04 D_0818	BCC Area C PS-05A_0818	BCC Area C PS-06_0818
		Location	MW-C04	MW-C04	PS-05A	PS-06
		Sample Date	08/21/2018	08/21/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1	480-140719-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.095 J	0.14 J	0.20 U	0.11 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.36	0.095
mg/L	SW6010	Barium	0.26	0.25	0.025	0.012
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	221	216	257	208
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0023 J	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Iron	7.0	6.4	27.7	35.5
mg/L	SW6010	Lead	0.010 U	0.010 U	0.020 U	0.050 U
mg/L	SW6010	Magnesium	26.5	26.1	23.3	10.6
mg/L	SW6010	Manganese	1.1	1.1	0.36	0.18
mg/L	SW6010	Nickel	0.010 U	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Potassium	10.4	10.2	16.3	57.6
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	39.1	38.5	99.7	64.8
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0060 J	0.0058 J	0.029	0.015
mg/L	SW7470	Mercury	0.00021	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,1,2-Trichloroethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,1-Dichloroethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,1-Dichloroethene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,2-Dibromoethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,2-Dichlorobenzene	5.4	10 U	10 U	5.0 U
µg/L	SW8260	1,2-Dichloroethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,2-Dichloropropane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	1,3-Dichlorobenzene	31	32	10 U	5.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C04_0818	BCC Area C MW-C04 D_0818	BCC Area C PS-05A_0818	BCC Area C PS-06_0818
		Location	MW-C04	MW-C04	PS-05A	PS-06
		Sample Date	08/21/2018	08/21/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1	480-140719-1
Units	Method	Parameter Name				
µg/L	SW8260	1,4-Dichlorobenzene	59 J-	57 J-	10 U	5.0 U
µg/L	SW8260	2-Butanone (MEK)	50 U	100 U	100 U	50 U
µg/L	SW8260	2-Hexanone	25 U	50 U	50 U	25 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	25 U	50 U	50 U	25 U
µg/L	SW8260	Acetone	50 U	100 U	100 U	50 U
µg/L	SW8260	Benzene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Bromodichloromethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Bromoform	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Bromomethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Carbon disulfide	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Carbon tetrachloride	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Chlorobenzene	480	480	360	5.0 U
µg/L	SW8260	Chloroethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Chloroform	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Chloromethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Cyclohexane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Dibromochloromethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Dichlorodifluoromethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Ethylbenzene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Isopropylbenzene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Methyl acetate	13 U	25 U	25 U	13 U
µg/L	SW8260	Methyl tert-butyl ether	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Methylcyclohexane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Methylene Chloride	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Styrene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Tetrachloroethene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Toluene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Trichloroethene	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Trichlorofluoromethane	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Vinyl chloride	5.0 U	10 U	10 U	5.0 U
µg/L	SW8260	Xylenes, Total	10 U	20 U	20 U	10 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	5.0 U	25 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C04_081	BCC Area C MW-C04 D_081	BCC Area C PS-05A_0818	BCC Area C PS-06_0818
		Location	MW-C04	MW-C04	PS-05A	PS-06
		Sample Date	08/21/2018	08/21/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1	480-140719-1
Units	Method	Parameter Name				
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	2,4-Dichlorophenol	5.0	4.6 J	5.0 U	25 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U	10 U	50 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Chlorophenol	5.0 U	5.0 U	6.9	25 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	2-Nitroaniline	10 U	10 U	10 U	50 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	3-Nitroaniline	10 U	10 U	10 U	50 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	50 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	4-Methylphenol	10 U	10 U	10 U	50 U
µg/L	SW8270	4-Nitroaniline	10 U	10 U	10 U	50 U
µg/L	SW8270	4-Nitrophenol	10 U	10 U	10 U	50 U
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Aniline	0.99 J	0.86 J	10 U	50 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzaldehyde	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(a)anthracene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(a)pyrene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Biphenyl	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	5.0 U	25 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C MW-C04_0818	BCC Area C MW-C04 D_0818	BCC Area C PS-05A_0818	BCC Area C PS-06_0818
		Location	MW-C04	MW-C04	PS-05A	PS-06
		Sample Date	08/21/2018	08/21/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1	480-140719-1
Units	Method	Parameter Name				
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ	5.0 UJ	25 UJ
µg/L	SW8270	Carbazole	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Chrysene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Dibenzofuran	10 U	10 U	10 U	50 U
µg/L	SW8270	Diethyl phthalate	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Fluoranthene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Fluorene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 UJ	5.0 UJ	5.0 UJ	25 UJ
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Isophorone	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	N-Nitrosodiphenylamine	0.61 J	0.62 J	5.0 U	25 U
µg/L	SW8270	Naphthalene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Nitrobenzene	0.41 J	5.0 U	5.0 U	25 U
µg/L	SW8270	Pentachlorophenol	10 U	10 U	10 U	50 U
µg/L	SW8270	Phenanthrene	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Phenol	5.0 U	5.0 U	5.0 U	25 U
µg/L	SW8270	Pyrene	5.0 U	5.0 U	5.0 U	25 U

Notes:

U = undetected

J = estimated value

J- = estimated value low bias

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0818	BCC Area C RFI-31_0818	TRIP BLANK-082218
		Location	RFI-20	RFI-31	QC
		Sample Date	08/22/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1
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	0.015 U	0.015 U	
mg/L	SW6010	Barium	0.053	0.020	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	0.00062 J	
mg/L	SW6010	Calcium	177	362	
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	
mg/L	SW6010	Cobalt	0.0040 U	0.0026 J	
mg/L	SW6010	Copper	0.010 U	0.010 U	
mg/L	SW6010	Iron	6.5	0.55	
mg/L	SW6010	Lead	0.010 U	0.10 U	
mg/L	SW6010	Magnesium	16.3	117	
mg/L	SW6010	Manganese	0.30	1.5	
mg/L	SW6010	Nickel	0.0026 J	0.0035 J	
mg/L	SW6010	Potassium	9.8	20.6	
mg/L	SW6010	Selenium	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	35.8	2020	
mg/L	SW6010	Thallium	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0017 J	0.0050 U	
mg/L	SW6010	Zinc	0.0099 J	0.0045 J	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	10 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	130	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	10 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	10 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	51	1.0 U

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0818	BCC Area C RFI-31_0818	TRIP BLANK-082218
		Location	RFI-20	RFI-31	QC
		Sample Date	08/22/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1
Units	Method	Parameter Name			
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	10 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	100 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	50 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	50 U	5.0 U
µg/L	SW8260	Acetone	3.9 J	100 U	10 U
µg/L	SW8260	Benzene	1.0 U	10 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	10 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	10 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	10 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	10 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	10 U	1.0 U
µg/L	SW8260	Chlorobenzene	57	40	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	10 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	10 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	10 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	10 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	10 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	10 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	10 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	10 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	10 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	10 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	25 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	10 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	10 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	10 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	10 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	10 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	10 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	10 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	10 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	10 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	10 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	10 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	20 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0818	BCC Area C RFI-31_0818	TRIP BLANK-082218
		Location	RFI-20	RFI-31	QC
		Sample Date	08/22/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	1.3 J	
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	5.0 U	
µg/L	SW8270	2,4-Dinitrophenol	10 U	10 U	
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	5.0 U	
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	5.0 U	
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	
µg/L	SW8270	2-Chlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2-Methylnaphthalene	5.0 U	5.0 U	
µg/L	SW8270	2-Methylphenol	5.0 U	5.0 U	
µg/L	SW8270	2-Nitroaniline	10 U	10 U	
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	5.0 U	
µg/L	SW8270	3-Nitroaniline	10 U	10 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	10 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	5.0 U	
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	5.0 U	
µg/L	SW8270	4-Chloroaniline	5.0 U	5.0 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U	
µg/L	SW8270	4-Methylphenol	10 U	10 U	
µg/L	SW8270	4-Nitroaniline	10 U	10 U	
µg/L	SW8270	4-Nitrophenol	10 U	10 U	
µg/L	SW8270	Acenaphthene	5.0 U	5.0 U	
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	
µg/L	SW8270	Aniline	10 U	10 U	
µg/L	SW8270	Anthracene	5.0 U	5.0 U	
µg/L	SW8270	Atrazine	5.0 U	5.0 U	
µg/L	SW8270	Benzaldehyde	5.0 U	5.0 U	
µg/L	SW8270	Benzo(a)anthracene	5.0 U	5.0 U	
µg/L	SW8270	Benzo(a)pyrene	5.0 U	5.0 U	
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	5.0 U	
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	5.0 U	
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	5.0 U	
µg/L	SW8270	Biphenyl	5.0 U	5.0 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

		Field Sample ID	BCC Area C RFI-20_0818	BCC Area C RFI-31_0818	TRIP BLANK-082218
		Location	RFI-20	RFI-31	QC
		Sample Date	08/22/2018	08/22/2018	08/22/2018
		Sample Delivery Group	480-140719-1	480-140719-1	480-140719-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	5.0 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	5.0 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	5.0 U	
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	5.0 U	
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ	
µg/L	SW8270	Carbazole	5.0 U	5.0 U	
µg/L	SW8270	Chrysene	5.0 U	5.0 U	
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	5.0 U	
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	5.0 U	
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	5.0 U	
µg/L	SW8270	Dibenzofuran	10 U	10 U	
µg/L	SW8270	Diethyl phthalate	5.0 U	5.0 U	
µg/L	SW8270	Dimethyl phthalate	5.0 U	5.0 U	
µg/L	SW8270	Fluoranthene	5.0 U	5.0 U	
µg/L	SW8270	Fluorene	5.0 U	5.0 U	
µg/L	SW8270	Hexachlorobenzene	5.0 U	5.0 U	
µg/L	SW8270	Hexachlorobutadiene	5.0 U	5.0 U	
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 UJ	5.0 UJ	
µg/L	SW8270	Hexachloroethane	5.0 U	5.0 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	5.0 U	
µg/L	SW8270	Isophorone	5.0 U	5.0 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	5.0 U	
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	5.0 U	
µg/L	SW8270	Naphthalene	5.0 U	5.0 U	
µg/L	SW8270	Nitrobenzene	5.0 U	5.0 U	
µg/L	SW8270	Pentachlorophenol	10 U	10 U	
µg/L	SW8270	Phenanthrene	5.0 U	5.0 U	
µg/L	SW8270	Phenol	5.0 U	5.0 U	
µg/L	SW8270	Pyrene	5.0 U	5.0 U	

Notes:

U = undetected

J = estimated value

J- = estimated value low bias

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C -PS-05A_0218	BCC Area C-RFI-20_0218	BCC Area C MW-C01_0618
			Location	PS-05A	RFI-20	MW-C01
			Sample Date	02/27/2018	02/27/2018	06/11/2018
			Sample Delivery Group	480-131949-1	480-131949-1	480-137373-1
Units	Method	Filtered	Parameter Name			
mg/L	SW6010	Y	Aluminum	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Y	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Y	Arsenic	0.035	0.015 U	0.015 U
mg/L	SW6010	Y	Barium	0.011	0.066	0.22
mg/L	SW6010	Y	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Y	Cadmium	0.0020 U	0.0020 U	0.00066 J
mg/L	SW6010	Y	Calcium	246	236	295
mg/L	SW6010	Y	Chromium	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Y	Cobalt	0.0040 U	0.0040 U	0.0011 J
mg/L	SW6010	Y	Copper	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Y	Iron	10.1	7.7	0.24
mg/L	SW6010	Y	Lead	0.020 U	0.020 U	0.010 U
mg/L	SW6010	Y	Magnesium	25.6	20.9	80.7
mg/L	SW6010	Y	Manganese	0.33	0.44	0.97
mg/L	SW6010	Y	Nickel	0.010 U	0.0084 J	0.0034 J
mg/L	SW6010	Y	Potassium	11.8	7.5	25.5
mg/L	SW6010	Y	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Y	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Y	Sodium	103	26.0	3860
mg/L	SW6010	Y	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Y	Vanadium	0.0050 U	0.0017 J	0.0050 U
mg/L	SW6010	Y	Zinc	0.0099 J	0.016	0.13
mg/L	SW7470	Y	Mercury	0.00020 U	0.00020 U	0.00020 U

Notes:
U = undetected
J = estimated value

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2018 AREA C GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK

			Field Sample ID	BCC Area C MW-C04_0618	BCC Area C MW-C01_0818
			Location	MW-C04	MW-C01
			Sample Date	06/12/2018	08/21/2018
			Sample Delivery Group	480-137373-1	480-140719-1
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	0.015 U	0.015 U
mg/L	SW6010	Y	Barium	0.26	0.32
mg/L	SW6010	Y	Beryllium	0.0020 U	0.0020 U
mg/L	SW6010	Y	Cadmium	0.0020 U	0.0011 J
mg/L	SW6010	Y	Calcium	222	348
mg/L	SW6010	Y	Chromium	0.0040 U	0.0040 U
mg/L	SW6010	Y	Cobalt	0.0040 U	0.0017 J
mg/L	SW6010	Y	Copper	0.010 U	0.010 U
mg/L	SW6010	Y	Iron	5.1	0.40
mg/L	SW6010	Y	Lead	0.010 U	0.010 U
mg/L	SW6010	Y	Magnesium	27.7	98.3
mg/L	SW6010	Y	Manganese	1.1	1.0
mg/L	SW6010	Y	Nickel	0.010 U	0.0044 J
mg/L	SW6010	Y	Potassium	8.8	33.3
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	29.9	4040
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	0.0027 J	0.062
mg/L	SW7470	Y	Mercury	0.00020 U	0.00020 U

Notes:
U = undetected
J = estimated value

ATTACHMENT E

GROUNDWATER ANALYTICAL REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

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

TestAmerica Job ID: 480-114013-1
Client Project/Site: OSC- Former Buffalo Color Sites - 37745
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
3/6/2017 11:02:02 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

Review your project results through TotalAccess

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

Job ID: 480-114013-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-114013-1

Comments
No additional comments.

Receipt
The samples were received on 2/28/2017 3:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1º C.

GC/MS VOA
Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C PS-05A_0217 (480-114013-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-345622 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported. The following sample is impacted: BCC Area C RFI-20_0217 (480-114013-5) and BCC Area C PS-05A_0217 (480-114013-6).

Method(s) 8260C: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 480-345622 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data has been reported for the following affected samples BCC Area C RFI-20_0217 (480-114013-5) and BCC Area C PS-05A_0217 (480-114013-6) .

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-345666 recovered above the upper control limit for Carbon Tetrachloride, Vinyl Chloride, Dichlorodifluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area C PS-06_0217 (480-114013-7).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-345666 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.The following sample is impacted: BCC Area C PS-06_0217 (480-114013-7)

Method(s) 8260C: The matrix (MS) recoveries for analytical batch 480-345666 were outside control limits for Dichlorodifluoromethane. The following sample is impacted: BCC Area C PS-06_0217 (480-114013-7[MS]).

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area C MW-C04_0217 (480-114013-4) and BCC Area C_PS-06 D_0217 (480-114013-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area C RFI-31_0217 (480-114013-2), (480-114013-E-2 MS) and (480-114013-E-2 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-345865 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated sample; therefore, the data have been reported. The following sample is impacted: BCC Area C RFI-31_0217 (480-114013-2)

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-345865 recovered above the upper control limit for Dichlorodifluoromethane. The sample associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The following sample is impacted: BCC Area C RFI-31_0217 (480-114013-2).

Method(s) 8260C: The results reported for the following sample do not concur with results previously reported for this site: BCC Area C MW-C04_0217 (480-114013-4). Reanalysis was performed, and the result confirmed.

Job ID: 480-114013-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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 480-345928 recovered above the upper control limit for 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 4-Chlorophenyl phenyl ether, 4-Nitrophenol, Atrazine, Diethyl phthalate, Dimethyl phthalate, Hexachlorobutadiene and Hexachlorocyclopentadiene. The samples associated with this CCV were non-detects or below the client reporting limit for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C01_0217 (480-114013-1), BCC Area C RFI-31_0217 (480-114013-2), BCC Area C PS-04_0217 (480-114013-3), BCC Area C MW-C04_0217 (480-114013-4), BCC Area C RFI-20_0217 (480-114013-5), BCC Area C PS-05A_0217 (480-114013-6), BCC Area C PS-06_0217 (480-114013-7) and BCC Area C_PS-06 D_0217 (480-114013-8).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-345928 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported: BCC Area C MW-C01_0217 (480-114013-1), BCC Area C RFI-31_0217 (480-114013-2), BCC Area C PS-04_0217 (480-114013-3), BCC Area C MW-C04_0217 (480-114013-4), BCC Area C RFI-20_0217 (480-114013-5), BCC Area C PS-05A_0217 (480-114013-6), BCC Area C PS-06_0217 (480-114013-7) and BCC Area C_PS-06 D_0217 (480-114013-8).

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 480-345928 was outside the method criteria for the following analyte: 2,4,6-Tribromophenol(surrogate) . A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated: BCC Area C MW-C01_0217 (480-114013-1), BCC Area C RFI-31_0217 (480-114013-2), BCC Area C PS-04_0217 (480-114013-3), BCC Area C MW-C04_0217 (480-114013-4), BCC Area C RFI-20_0217 (480-114013-5), BCC Area C PS-05A_0217 (480-114013-6), BCC Area C PS-06_0217 (480-114013-7) and BCC Area C_PS-06 D_0217 (480-114013-8).

Method(s) 8270D: Due to an increase in the spiking concentration required for other analytes of interest, the following compounds have been elevated to a level above the upper range of the initial calibration: 3,3'-Dichlorobenzidine. The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) recovered within acceptable limits for these analytes and have been qualified with an "E" flag. (LCS 480-345659/2-A)

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-345659 recovered outside control limits for the following analytes: Atrazine. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported: BCC Area C MW-C01_0217 (480-114013-1), BCC Area C RFI-31_0217 (480-114013-2), BCC Area C PS-04_0217 (480-114013-3), BCC Area C MW-C04_0217 (480-114013-4), BCC Area C RFI-20_0217 (480-114013-5), BCC Area C PS-05A_0217 (480-114013-6), BCC Area C PS-06_0217 (480-114013-7) and BCC Area C_PS-06 D_0217 (480-114013-8).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area C PS-06_0217 (480-114013-7) and BCC Area C_PS-06 D_0217 (480-114013-8). These results have been reported and qualified.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-345659 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits: BCC Area C PS-06_0217 (480-114013-7[MS]) and BCC Area C PS-06_0217 (480-114013-7[MSD]).

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-345659 was outside control limits for 3,3'-Dichlorobenzidine: BCC Area C PS-06_0217 (480-114013-7[MS]) and BCC Area C PS-06_0217 (480-114013-7[MSD]).

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.

Job ID: 480-114013-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C01_0217 — Lab Sample ID: 480-114013-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.36		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	130		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	0.0071	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.52		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.010		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.019		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	38.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	248		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.032		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31_0217 — Lab Sample ID: 480-114013-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	29		10	4.1	ug/L	10		8260C	Total/NA
1,3-Dichlorobenzene	78		10	7.8	ug/L	10		8260C	Total/NA
Methylene Chloride	19		10	4.4	ug/L	10		8260C	Total/NA
2,4-Dichlorophenol	0.61	J	4.7	0.48	ug/L	1		8270D	Total/NA
Arsenic	0.0092	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.025		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0010	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	429		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0027	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0036	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	0.0061	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	161		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2110		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0074	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-04_0217 — Lab Sample ID: 480-114013-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.039		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0094		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	255		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.030		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.061		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.080		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0048	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	37.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.13		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	26.9		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: BCC Area C PS-04_0217 (Continued) — Lab Sample ID: 480-114013-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.73		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04_0217 — Lab Sample ID: 480-114013-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	14		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	22		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	150		10	7.5	ug/L	10		8260C	Total/NA
Methylene Chloride	12		10	4.4	ug/L	10		8260C	Total/NA
Aluminum	0.075	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.22		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	257		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0057	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	6.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0062	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	37.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	43.2		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 C RFI-20_0217 — Lab Sample ID: 480-114013-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	13		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	0.056		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	186		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0012	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0017	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	11.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0032	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.38		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.019		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	26.1		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.013		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_0217 — Lab Sample ID: 480-114013-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21	J	50	15	ug/L	5		8260C	Total/NA
Chlorobenzene	110		5.0	3.8	ug/L	5		8260C	Total/NA
2-Chlorophenol	1.1	J	4.9	0.52	ug/L	1		8270D	Total/NA
Naphthalene	0.94	J	4.9	0.74	ug/L	1		8270D	Total/NA
Aluminum	0.061	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.13		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.027		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	376		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-05A_0217 (Continued) — Lab Sample ID: 480-114013-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0089	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	77.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0073	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	40.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0031	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	15.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	190		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.029		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_0217 — Lab Sample ID: 480-114013-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.38	ug/L	1		8260C	Total/NA
Arsenic	0.082		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.0086		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	227		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0026	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	48.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0058	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	13.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.22		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	59.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	59.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0084	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C_PS-06 D_0217 — Lab Sample ID: 480-114013-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.5	J	5.0	2.2	ug/L	5		8260C	Total/NA
Arsenic	0.088		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.0090		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	232		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0037	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	49.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0053	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	14.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	62.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	61.8		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: TRIP BLANK — Lab Sample ID: 480-114013-9

No Detections.

Client Sample ID: BCC Area C_PS-05AF_0217 — Lab Sample ID: 480-114013-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.093		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.020		0.0020	0.00070	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: BCC Area C_PS-05AF_0217 (Continued)

Lab Sample ID: 480-114013-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	385		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.00070	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0020	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	66.4		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0067	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	41.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	15.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	169		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C01_0217
Date Collected: 02/28/17 08:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-1
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			03/01/17 15:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/17 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/17 15:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/17 15:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/01/17 15:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/17 15:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/17 15:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/17 15:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/17 15:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/17 15:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/17 15:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/17 15:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/17 15:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/17 15:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/17 15:46	1
2-Hexanone	ND		5.0	1.2	ug/L			03/01/17 15:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/17 15:46	1
Acetone	ND		10	3.0	ug/L			03/01/17 15:46	1
Benzene	ND		1.0	0.41	ug/L			03/01/17 15:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/17 15:46	1
Bromoform	ND		1.0	0.26	ug/L			03/01/17 15:46	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/17 15:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/01/17 15:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/17 15:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/01/17 15:46	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/17 15:46	1
Chloroform	ND		1.0	0.34	ug/L			03/01/17 15:46	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/17 15:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/17 15:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/17 15:46	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/17 15:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/17 15:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/01/17 15:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/17 15:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/17 15:46	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/17 15:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/17 15:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/17 15:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/17 15:46	1
Styrene	ND		1.0	0.73	ug/L			03/01/17 15:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/17 15:46	1
Toluene	ND		1.0	0.51	ug/L			03/01/17 15:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/17 15:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/17 15:46	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/17 15:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/17 15:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/17 15:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/17 15:46	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C01_0217
Date Collected: 02/28/17 08:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*03/01/17 15:46*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*03/01/17 15:46*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/01/17 15:46*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/01/17 15:46*	*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		03/01/17 07:36	03/02/17 15:06	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/01/17 07:36	03/02/17 15:06	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 15:06	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/01/17 07:36	03/02/17 15:06	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/01/17 07:36	03/02/17 15:06	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 15:06	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/01/17 07:36	03/02/17 15:06	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/01/17 07:36	03/02/17 15:06	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/01/17 07:36	03/02/17 15:06	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/01/17 07:36	03/02/17 15:06	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/01/17 07:36	03/02/17 15:06	1
2-Nitroaniline	ND		9.4	0.40	ug/L		03/01/17 07:36	03/02/17 15:06	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/01/17 07:36	03/02/17 15:06	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/01/17 07:36	03/02/17 15:06	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/01/17 07:36	03/02/17 15:06	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/01/17 07:36	03/02/17 15:06	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 15:06	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 15:06	1
4-Chloroaniline	ND		4.7	0.56	ug/L		03/01/17 07:36	03/02/17 15:06	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 15:06	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/01/17 07:36	03/02/17 15:06	1
4-Nitroaniline	ND		9.4	0.24	ug/L		03/01/17 07:36	03/02/17 15:06	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/01/17 07:36	03/02/17 15:06	1
Acenaphthene	ND		4.7	0.39	ug/L		03/01/17 07:36	03/02/17 15:06	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/01/17 07:36	03/02/17 15:06	1
Acetophenone	ND		4.7	0.51	ug/L		03/01/17 07:36	03/02/17 15:06	1
Aniline	ND		9.4	0.58	ug/L		03/01/17 07:36	03/02/17 15:06	1
Anthracene	ND		4.7	0.26	ug/L		03/01/17 07:36	03/02/17 15:06	1
Atrazine	ND	*	4.7	0.43	ug/L		03/01/17 07:36	03/02/17 15:06	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/01/17 07:36	03/02/17 15:06	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 15:06	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 15:06	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/01/17 07:36	03/02/17 15:06	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 15:06	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/01/17 07:36	03/02/17 15:06	1
Biphenyl	ND		4.7	0.62	ug/L		03/01/17 07:36	03/02/17 15:06	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/01/17 07:36	03/02/17 15:06	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 15:06	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/01/17 07:36	03/02/17 15:06	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		03/01/17 07:36	03/02/17 15:06	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		03/01/17 07:36	03/02/17 15:06	1
Caprolactam	ND		4.7	2.1	ug/L		03/01/17 07:36	03/02/17 15:06	1
Carbazole	ND		4.7	0.28	ug/L		03/01/17 07:36	03/02/17 15:06	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C01_0217
Date Collected: 02/28/17 08:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-1
Matrix: Ground Water

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		03/01/17 07:36	03/02/17 15:06	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		03/01/17 07:36	03/02/17 15:06	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/01/17 07:36	03/02/17 15:06	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/01/17 07:36	03/02/17 15:06	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 15:06	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/01/17 07:36	03/02/17 15:06	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 15:06	1
Fluoranthene	ND		4.7	0.38	ug/L		03/01/17 07:36	03/02/17 15:06	1
Fluorene	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 15:06	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 15:06	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/01/17 07:36	03/02/17 15:06	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/01/17 07:36	03/02/17 15:06	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/01/17 07:36	03/02/17 15:06	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 15:06	1
Isophorone	ND		4.7	0.41	ug/L		03/01/17 07:36	03/02/17 15:06	1
Naphthalene	ND		4.7	0.72	ug/L		03/01/17 07:36	03/02/17 15:06	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/01/17 07:36	03/02/17 15:06	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/01/17 07:36	03/02/17 15:06	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 15:06	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/01/17 07:36	03/02/17 15:06	1
Phenanthrene	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 15:06	1
Phenol	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 15:06	1
Pyrene	ND		4.7	0.32	ug/L		03/01/17 07:36	03/02/17 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*41 - 120*	*03/01/17 07:36*	*03/02/17 15:06*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*03/01/17 07:36*	*03/02/17 15:06*	*1*
2-Fluorophenol	*54*		*35 - 120*	*03/01/17 07:36*	*03/02/17 15:06*	*1*
Nitrobenzene-d5	*75*		*46 - 120*	*03/01/17 07:36*	*03/02/17 15:06*	*1*
Phenol-d5	*39*		*22 - 120*	*03/01/17 07:36*	*03/02/17 15:06*	*1*
p-Terphenyl-d14	*82*		*59 - 136*	*03/01/17 07:36*	*03/02/17 15:06*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.36**		0.20	0.060	mg/L		03/01/17 09:11	03/01/17 18:37	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 18:37	1
Arsenic	ND		0.015	0.0056	mg/L		03/01/17 09:11	03/01/17 18:37	1
Barium	**0.10**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 18:37	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 18:37	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 18:37	1
Calcium	**130**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:37	1
Chromium	**0.0022**	**J**	0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 18:37	1
Cobalt	ND		0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 18:37	1
Copper	**0.0071**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 18:37	1
Iron	**0.52**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 18:37	1
Lead	**0.010**		0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 18:37	1
Magnesium	**19.8**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 18:37	1
Manganese	**0.019**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 18:37	1
Nickel	ND		0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 18:37	1
Potassium	**38.7**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:37	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C01_0217
Date Collected: 02/28/17 08:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 18:37	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 18:37	1
Sodium	**248**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 18:37	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 18:37	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 18:37	1
Zinc	**0.032**		0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 18:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:18	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-31_0217
Date Collected: 02/28/17 09:35
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-2
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		10	8.2	ug/L			03/02/17 11:13	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			03/02/17 11:13	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			03/02/17 11:13	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			03/02/17 11:13	10
1,1-Dichloroethane	ND		10	3.8	ug/L			03/02/17 11:13	10
1,1-Dichloroethene	ND		10	2.9	ug/L			03/02/17 11:13	10
1,2,4-Trichlorobenzene	**29**		10	4.1	ug/L			03/02/17 11:13	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			03/02/17 11:13	10
1,2-Dibromoethane	ND		10	7.3	ug/L			03/02/17 11:13	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			03/02/17 11:13	10
1,2-Dichloroethane	ND		10	2.1	ug/L			03/02/17 11:13	10
1,2-Dichloropropane	ND		10	7.2	ug/L			03/02/17 11:13	10
1,3-Dichlorobenzene	**78**		10	7.8	ug/L			03/02/17 11:13	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			03/02/17 11:13	10
2-Butanone (MEK)	ND		100	13	ug/L			03/02/17 11:13	10
2-Hexanone	ND		50	12	ug/L			03/02/17 11:13	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			03/02/17 11:13	10
Acetone	ND		100	30	ug/L			03/02/17 11:13	10
Benzene	ND		10	4.1	ug/L			03/02/17 11:13	10
Bromodichloromethane	ND		10	3.9	ug/L			03/02/17 11:13	10
Bromoform	ND		10	2.6	ug/L			03/02/17 11:13	10
Bromomethane	ND		10	6.9	ug/L			03/02/17 11:13	10
Carbon disulfide	ND		10	1.9	ug/L			03/02/17 11:13	10
Carbon tetrachloride	ND		10	2.7	ug/L			03/02/17 11:13	10
Chlorobenzene	ND		10	7.5	ug/L			03/02/17 11:13	10
Chloroethane	ND		10	3.2	ug/L			03/02/17 11:13	10
Chloroform	ND		10	3.4	ug/L			03/02/17 11:13	10
Chloromethane	ND		10	3.5	ug/L			03/02/17 11:13	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			03/02/17 11:13	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			03/02/17 11:13	10
Cyclohexane	ND		10	1.8	ug/L			03/02/17 11:13	10
Dibromochloromethane	ND		10	3.2	ug/L			03/02/17 11:13	10
Dichlorodifluoromethane	ND	F1 *	10	6.8	ug/L			03/02/17 11:13	10
Ethylbenzene	ND		10	7.4	ug/L			03/02/17 11:13	10
Isopropylbenzene	ND		10	7.9	ug/L			03/02/17 11:13	10
Methyl acetate	ND		25	13	ug/L			03/02/17 11:13	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			03/02/17 11:13	10
Methylcyclohexane	ND		10	1.6	ug/L			03/02/17 11:13	10
Methylene Chloride	**19**		10	4.4	ug/L			03/02/17 11:13	10
Styrene	ND		10	7.3	ug/L			03/02/17 11:13	10
Tetrachloroethene	ND		10	3.6	ug/L			03/02/17 11:13	10
Toluene	ND		10	5.1	ug/L			03/02/17 11:13	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			03/02/17 11:13	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			03/02/17 11:13	10
Trichloroethene	ND		10	4.6	ug/L			03/02/17 11:13	10
Trichlorofluoromethane	ND		10	8.8	ug/L			03/02/17 11:13	10
Vinyl chloride	ND		10	9.0	ug/L			03/02/17 11:13	10
Xylenes, Total	ND		20	6.6	ug/L			03/02/17 11:13	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-31_0217
Date Collected: 02/28/17 09:35
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*03/02/17 11:13*	*10*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/02/17 11:13*	*10*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/02/17 11:13*	*10*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/02/17 11:13*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/01/17 07:36	03/02/17 15:35	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/01/17 07:36	03/02/17 15:35	1
2,4-Dichlorophenol	**0.61**	**J**	4.7	0.48	ug/L		03/01/17 07:36	03/02/17 15:35	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/01/17 07:36	03/02/17 15:35	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/01/17 07:36	03/02/17 15:35	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 15:35	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 15:35	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/01/17 07:36	03/02/17 15:35	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/01/17 07:36	03/02/17 15:35	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/01/17 07:36	03/02/17 15:35	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 15:35	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/01/17 07:36	03/02/17 15:35	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/01/17 07:36	03/02/17 15:35	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 15:35	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/01/17 07:36	03/02/17 15:35	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/01/17 07:36	03/02/17 15:35	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 15:35	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 15:35	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/01/17 07:36	03/02/17 15:35	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 15:35	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/01/17 07:36	03/02/17 15:35	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/01/17 07:36	03/02/17 15:35	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/01/17 07:36	03/02/17 15:35	1
Acenaphthene	ND		4.7	0.38	ug/L		03/01/17 07:36	03/02/17 15:35	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/01/17 07:36	03/02/17 15:35	1
Acetophenone	ND		4.7	0.51	ug/L		03/01/17 07:36	03/02/17 15:35	1
Aniline	ND		9.4	0.57	ug/L		03/01/17 07:36	03/02/17 15:35	1
Anthracene	ND		4.7	0.26	ug/L		03/01/17 07:36	03/02/17 15:35	1
Atrazine	ND	*	4.7	0.43	ug/L		03/01/17 07:36	03/02/17 15:35	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/01/17 07:36	03/02/17 15:35	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 15:35	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 15:35	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/01/17 07:36	03/02/17 15:35	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 15:35	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/01/17 07:36	03/02/17 15:35	1
Biphenyl	ND		4.7	0.61	ug/L		03/01/17 07:36	03/02/17 15:35	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/01/17 07:36	03/02/17 15:35	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 15:35	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 15:35	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		03/01/17 07:36	03/02/17 15:35	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		03/01/17 07:36	03/02/17 15:35	1
Caprolactam	ND		4.7	2.1	ug/L		03/01/17 07:36	03/02/17 15:35	1
Carbazole	ND		4.7	0.28	ug/L		03/01/17 07:36	03/02/17 15:35	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-31_0217
Date Collected: 02/28/17 09:35
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-2
Matrix: Ground Water

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		03/01/17 07:36	03/02/17 15:35	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/01/17 07:36	03/02/17 15:35	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/01/17 07:36	03/02/17 15:35	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/01/17 07:36	03/02/17 15:35	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 15:35	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/01/17 07:36	03/02/17 15:35	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 15:35	1
Fluoranthene	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 15:35	1
Fluorene	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 15:35	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 15:35	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/01/17 07:36	03/02/17 15:35	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/01/17 07:36	03/02/17 15:35	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/01/17 07:36	03/02/17 15:35	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 15:35	1
Isophorone	ND		4.7	0.40	ug/L		03/01/17 07:36	03/02/17 15:35	1
Naphthalene	ND		4.7	0.71	ug/L		03/01/17 07:36	03/02/17 15:35	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/01/17 07:36	03/02/17 15:35	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/01/17 07:36	03/02/17 15:35	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 15:35	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/01/17 07:36	03/02/17 15:35	1
Phenanthrene	ND		4.7	0.41	ug/L		03/01/17 07:36	03/02/17 15:35	1
Phenol	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 15:35	1
Pyrene	ND		4.7	0.32	ug/L		03/01/17 07:36	03/02/17 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*41 - 120*	*03/01/17 07:36*	*03/02/17 15:35*	*1*
2-Fluorobiphenyl	*53*		*48 - 120*	*03/01/17 07:36*	*03/02/17 15:35*	*1*
2-Fluorophenol	*44*		*35 - 120*	*03/01/17 07:36*	*03/02/17 15:35*	*1*
Nitrobenzene-d5	*61*		*46 - 120*	*03/01/17 07:36*	*03/02/17 15:35*	*1*
Phenol-d5	*33*		*22 - 120*	*03/01/17 07:36*	*03/02/17 15:35*	*1*
p-Terphenyl-d14	*62*		*59 - 136*	*03/01/17 07:36*	*03/02/17 15:35*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/01/17 09:11	03/01/17 18:40	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 18:40	1
Arsenic	**0.0092**	**J**	0.015	0.0056	mg/L		03/01/17 09:11	03/01/17 18:40	1
Barium	**0.025**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 18:40	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 18:40	1
Cadmium	**0.0010**	**J**	0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 18:40	1
Calcium	**429**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:40	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 18:40	1
Cobalt	**0.0027**	**J**	0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 18:40	1
Copper	**0.0036**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 18:40	1
Iron	**2.5**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 18:40	1
Lead	**0.0061**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 18:40	1
Magnesium	**161**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 18:40	1
Manganese	**1.4**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 18:40	1
Nickel	**0.0020**	**J**	0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 18:40	1
Potassium	**12.2**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:40	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-31_0217
Date Collected: 02/28/17 09:35
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 18:40	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 18:40	1
Sodium	**2110**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 18:40	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 18:40	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 18:40	1
Zinc	**0.0074**	**J**	0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 18:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:20	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-04_0217
Date Collected: 02/28/17 10:55
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-3
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			03/01/17 16:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/17 16:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/17 16:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/17 16:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/01/17 16:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/17 16:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/17 16:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/17 16:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/17 16:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/17 16:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/17 16:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/17 16:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/17 16:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/17 16:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/17 16:32	1
2-Hexanone	ND		5.0	1.2	ug/L			03/01/17 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/17 16:32	1
Acetone	ND		10	3.0	ug/L			03/01/17 16:32	1
Benzene	ND		1.0	0.41	ug/L			03/01/17 16:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/17 16:32	1
Bromoform	ND		1.0	0.26	ug/L			03/01/17 16:32	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/17 16:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/01/17 16:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/17 16:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/01/17 16:32	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/17 16:32	1
Chloroform	ND		1.0	0.34	ug/L			03/01/17 16:32	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/17 16:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/17 16:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/17 16:32	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/17 16:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/17 16:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/01/17 16:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/17 16:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/17 16:32	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/17 16:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/17 16:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/17 16:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/17 16:32	1
Styrene	ND		1.0	0.73	ug/L			03/01/17 16:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/17 16:32	1
Toluene	ND		1.0	0.51	ug/L			03/01/17 16:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/17 16:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/17 16:32	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/17 16:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/17 16:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/17 16:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/17 16:32	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-04_0217
Date Collected: 02/28/17 10:55
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/01/17 16:32*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*03/01/17 16:32*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/01/17 16:32*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/01/17 16:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/01/17 07:36	03/02/17 16:03	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/01/17 07:36	03/02/17 16:03	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 16:03	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/01/17 07:36	03/02/17 16:03	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/01/17 07:36	03/02/17 16:03	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 16:03	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 16:03	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/01/17 07:36	03/02/17 16:03	1
2-Chlorophenol	ND		4.7	0.49	ug/L		03/01/17 07:36	03/02/17 16:03	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/01/17 07:36	03/02/17 16:03	1
2-Methylphenol	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 16:03	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/01/17 07:36	03/02/17 16:03	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/01/17 07:36	03/02/17 16:03	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 16:03	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/01/17 07:36	03/02/17 16:03	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		03/01/17 07:36	03/02/17 16:03	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 16:03	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/01/17 07:36	03/02/17 16:03	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/01/17 07:36	03/02/17 16:03	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 16:03	1
4-Methylphenol	ND		9.3	0.34	ug/L		03/01/17 07:36	03/02/17 16:03	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/01/17 07:36	03/02/17 16:03	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/01/17 07:36	03/02/17 16:03	1
Acenaphthene	ND		4.7	0.38	ug/L		03/01/17 07:36	03/02/17 16:03	1
Acenaphthylene	ND		4.7	0.35	ug/L		03/01/17 07:36	03/02/17 16:03	1
Acetophenone	ND		4.7	0.50	ug/L		03/01/17 07:36	03/02/17 16:03	1
Aniline	ND		9.3	0.57	ug/L		03/01/17 07:36	03/02/17 16:03	1
Anthracene	ND		4.7	0.26	ug/L		03/01/17 07:36	03/02/17 16:03	1
Atrazine	ND	*	4.7	0.43	ug/L		03/01/17 07:36	03/02/17 16:03	1
Benzaldehyde	ND		4.7	0.25	ug/L		03/01/17 07:36	03/02/17 16:03	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 16:03	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 16:03	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/01/17 07:36	03/02/17 16:03	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 16:03	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		03/01/17 07:36	03/02/17 16:03	1
Biphenyl	ND		4.7	0.61	ug/L		03/01/17 07:36	03/02/17 16:03	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 16:03	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/01/17 07:36	03/02/17 16:03	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 16:03	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		03/01/17 07:36	03/02/17 16:03	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		03/01/17 07:36	03/02/17 16:03	1
Caprolactam	ND		4.7	2.1	ug/L		03/01/17 07:36	03/02/17 16:03	1
Carbazole	ND		4.7	0.28	ug/L		03/01/17 07:36	03/02/17 16:03	1

Client Sample ID: BCC Area C PS-04_0217
Date Collected: 02/28/17 10:55
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-3
Matrix: Ground Water

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		03/01/17 07:36	03/02/17 16:03	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/01/17 07:36	03/02/17 16:03	1
Dibenzofuran	ND		9.3	0.48	ug/L		03/01/17 07:36	03/02/17 16:03	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/01/17 07:36	03/02/17 16:03	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 16:03	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/01/17 07:36	03/02/17 16:03	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 16:03	1
Fluoranthene	ND		4.7	0.37	ug/L		03/01/17 07:36	03/02/17 16:03	1
Fluorene	ND		4.7	0.34	ug/L		03/01/17 07:36	03/02/17 16:03	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 16:03	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		03/01/17 07:36	03/02/17 16:03	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/01/17 07:36	03/02/17 16:03	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/01/17 07:36	03/02/17 16:03	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/01/17 07:36	03/02/17 16:03	1
Isophorone	ND		4.7	0.40	ug/L		03/01/17 07:36	03/02/17 16:03	1
Naphthalene	ND		4.7	0.71	ug/L		03/01/17 07:36	03/02/17 16:03	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/01/17 07:36	03/02/17 16:03	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		03/01/17 07:36	03/02/17 16:03	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/01/17 07:36	03/02/17 16:03	1
Pentachlorophenol	ND		9.3	2.1	ug/L		03/01/17 07:36	03/02/17 16:03	1
Phenanthrene	ND		4.7	0.41	ug/L		03/01/17 07:36	03/02/17 16:03	1
Phenol	ND		4.7	0.36	ug/L		03/01/17 07:36	03/02/17 16:03	1
Pyrene	ND		4.7	0.32	ug/L		03/01/17 07:36	03/02/17 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*41 - 120*	*03/01/17 07:36*	*03/02/17 16:03*	*1*
2-Fluorobiphenyl	*83*		*48 - 120*	*03/01/17 07:36*	*03/02/17 16:03*	*1*
2-Fluorophenol	*55*		*35 - 120*	*03/01/17 07:36*	*03/02/17 16:03*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*03/01/17 07:36*	*03/02/17 16:03*	*1*
Phenol-d5	*40*		*22 - 120*	*03/01/17 07:36*	*03/02/17 16:03*	*1*
p-Terphenyl-d14	*86*		*59 - 136*	*03/01/17 07:36*	*03/02/17 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		03/01/17 09:11	03/01/17 18:44	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 18:44	1
Arsenic	ND		0.015	0.0056	mg/L		03/01/17 09:11	03/01/17 18:44	1
Barium	**0.039**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 18:44	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 18:44	1
Cadmium	**0.0094**		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 18:44	1
Calcium	**255**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:44	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 18:44	1
Cobalt	**0.030**		0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 18:44	1
Copper	**0.061**		0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 18:44	1
Iron	**0.080**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 18:44	1
Lead	**0.0048**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 18:44	1
Magnesium	**37.4**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 18:44	1
Manganese	**0.13**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 18:44	1
Nickel	**0.13**		0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 18:44	1
Potassium	**8.5**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:44	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-04_0217
Date Collected: 02/28/17 10:55
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 18:44	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 18:44	1
Sodium	**26.9**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 18:44	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 18:44	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 18:44	1
Zinc	**0.73**		0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 18:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:22	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C04_0217
Date Collected: 02/28/17 11:50
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-4
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		10	8.2	ug/L			03/01/17 16:55	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			03/01/17 16:55	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			03/01/17 16:55	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			03/01/17 16:55	10
1,1-Dichloroethane	ND		10	3.8	ug/L			03/01/17 16:55	10
1,1-Dichloroethene	ND		10	2.9	ug/L			03/01/17 16:55	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			03/01/17 16:55	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			03/01/17 16:55	10
1,2-Dibromoethane	ND		10	7.3	ug/L			03/01/17 16:55	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			03/01/17 16:55	10
1,2-Dichloroethane	ND		10	2.1	ug/L			03/01/17 16:55	10
1,2-Dichloropropane	ND		10	7.2	ug/L			03/01/17 16:55	10
1,3-Dichlorobenzene	**14**		10	7.8	ug/L			03/01/17 16:55	10
1,4-Dichlorobenzene	**22**		10	8.4	ug/L			03/01/17 16:55	10
2-Butanone (MEK)	ND		100	13	ug/L			03/01/17 16:55	10
2-Hexanone	ND		50	12	ug/L			03/01/17 16:55	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			03/01/17 16:55	10
Acetone	ND		100	30	ug/L			03/01/17 16:55	10
Benzene	ND		10	4.1	ug/L			03/01/17 16:55	10
Bromodichloromethane	ND		10	3.9	ug/L			03/01/17 16:55	10
Bromoform	ND		10	2.6	ug/L			03/01/17 16:55	10
Bromomethane	ND		10	6.9	ug/L			03/01/17 16:55	10
Carbon disulfide	ND		10	1.9	ug/L			03/01/17 16:55	10
Carbon tetrachloride	ND		10	2.7	ug/L			03/01/17 16:55	10
Chlorobenzene	**150**		10	7.5	ug/L			03/01/17 16:55	10
Chloroethane	ND		10	3.2	ug/L			03/01/17 16:55	10
Chloroform	ND		10	3.4	ug/L			03/01/17 16:55	10
Chloromethane	ND		10	3.5	ug/L			03/01/17 16:55	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			03/01/17 16:55	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			03/01/17 16:55	10
Cyclohexane	ND		10	1.8	ug/L			03/01/17 16:55	10
Dibromochloromethane	ND		10	3.2	ug/L			03/01/17 16:55	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			03/01/17 16:55	10
Ethylbenzene	ND		10	7.4	ug/L			03/01/17 16:55	10
Isopropylbenzene	ND		10	7.9	ug/L			03/01/17 16:55	10
Methyl acetate	ND		25	13	ug/L			03/01/17 16:55	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			03/01/17 16:55	10
Methylcyclohexane	ND		10	1.6	ug/L			03/01/17 16:55	10
Methylene Chloride	**12**		10	4.4	ug/L			03/01/17 16:55	10
Styrene	ND		10	7.3	ug/L			03/01/17 16:55	10
Tetrachloroethene	ND		10	3.6	ug/L			03/01/17 16:55	10
Toluene	ND		10	5.1	ug/L			03/01/17 16:55	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			03/01/17 16:55	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			03/01/17 16:55	10
Trichloroethene	ND		10	4.6	ug/L			03/01/17 16:55	10
Trichlorofluoromethane	ND		10	8.8	ug/L			03/01/17 16:55	10
Vinyl chloride	ND		10	9.0	ug/L			03/01/17 16:55	10
Xylenes, Total	ND		20	6.6	ug/L			03/01/17 16:55	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C04_0217
Date Collected: 02/28/17 11:50
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-4
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*03/01/17 16:55*	*10*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/01/17 16:55*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/01/17 16:55*	*10*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/01/17 16:55*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 16:32	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		03/01/17 07:36	03/02/17 16:32	1
2,4-Dichlorophenol	ND		4.8	0.48	ug/L		03/01/17 07:36	03/02/17 16:32	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/01/17 07:36	03/02/17 16:32	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		03/01/17 07:36	03/02/17 16:32	1
2,4-Dinitrotoluene	ND		4.8	0.42	ug/L		03/01/17 07:36	03/02/17 16:32	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 16:32	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/01/17 07:36	03/02/17 16:32	1
2-Chlorophenol	ND		4.8	0.50	ug/L		03/01/17 07:36	03/02/17 16:32	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		03/01/17 07:36	03/02/17 16:32	1
2-Methylphenol	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 16:32	1
2-Nitroaniline	ND		9.5	0.40	ug/L		03/01/17 07:36	03/02/17 16:32	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 16:32	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 16:32	1
3-Nitroaniline	ND		9.5	0.46	ug/L		03/01/17 07:36	03/02/17 16:32	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		03/01/17 07:36	03/02/17 16:32	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/01/17 07:36	03/02/17 16:32	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/01/17 07:36	03/02/17 16:32	1
4-Chloroaniline	ND		4.8	0.56	ug/L		03/01/17 07:36	03/02/17 16:32	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 16:32	1
4-Methylphenol	ND		9.5	0.34	ug/L		03/01/17 07:36	03/02/17 16:32	1
4-Nitroaniline	ND		9.5	0.24	ug/L		03/01/17 07:36	03/02/17 16:32	1
4-Nitrophenol	ND		9.5	1.4	ug/L		03/01/17 07:36	03/02/17 16:32	1
Acenaphthene	ND		4.8	0.39	ug/L		03/01/17 07:36	03/02/17 16:32	1
Acenaphthylene	ND		4.8	0.36	ug/L		03/01/17 07:36	03/02/17 16:32	1
Acetophenone	ND		4.8	0.51	ug/L		03/01/17 07:36	03/02/17 16:32	1
Aniline	ND		9.5	0.58	ug/L		03/01/17 07:36	03/02/17 16:32	1
Anthracene	ND		4.8	0.27	ug/L		03/01/17 07:36	03/02/17 16:32	1
Atrazine	ND	*	4.8	0.44	ug/L		03/01/17 07:36	03/02/17 16:32	1
Benzaldehyde	ND		4.8	0.25	ug/L		03/01/17 07:36	03/02/17 16:32	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 16:32	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/01/17 07:36	03/02/17 16:32	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		03/01/17 07:36	03/02/17 16:32	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 16:32	1
Benzo(k)fluoranthene	ND		4.8	0.69	ug/L		03/01/17 07:36	03/02/17 16:32	1
Biphenyl	ND		4.8	0.62	ug/L		03/01/17 07:36	03/02/17 16:32	1
bis (2-chloroisopropyl) ether	ND		4.8	0.49	ug/L		03/01/17 07:36	03/02/17 16:32	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 16:32	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 16:32	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		03/01/17 07:36	03/02/17 16:32	1
Butyl benzyl phthalate	ND		4.8	0.95	ug/L		03/01/17 07:36	03/02/17 16:32	1
Caprolactam	ND		4.8	2.1	ug/L		03/01/17 07:36	03/02/17 16:32	1
Carbazole	ND		4.8	0.29	ug/L		03/01/17 07:36	03/02/17 16:32	1

Client Sample ID: BCC Area C MW-C04_0217
Date Collected: 02/28/17 11:50
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.8	0.31	ug/L		03/01/17 07:36	03/02/17 16:32	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		03/01/17 07:36	03/02/17 16:32	1
Dibenzofuran	ND		9.5	0.48	ug/L		03/01/17 07:36	03/02/17 16:32	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/01/17 07:36	03/02/17 16:32	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 16:32	1
Di-n-butyl phthalate	ND		4.8	0.29	ug/L		03/01/17 07:36	03/02/17 16:32	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/01/17 07:36	03/02/17 16:32	1
Fluoranthene	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 16:32	1
Fluorene	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 16:32	1
Hexachlorobenzene	ND		4.8	0.48	ug/L		03/01/17 07:36	03/02/17 16:32	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		03/01/17 07:36	03/02/17 16:32	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		03/01/17 07:36	03/02/17 16:32	1
Hexachloroethane	ND		4.8	0.56	ug/L		03/01/17 07:36	03/02/17 16:32	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/01/17 07:36	03/02/17 16:32	1
Isophorone	ND		4.8	0.41	ug/L		03/01/17 07:36	03/02/17 16:32	1
Naphthalene	ND		4.8	0.72	ug/L		03/01/17 07:36	03/02/17 16:32	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/01/17 07:36	03/02/17 16:32	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		03/01/17 07:36	03/02/17 16:32	1
N-Nitrosodiphenylamine	ND		4.8	0.48	ug/L		03/01/17 07:36	03/02/17 16:32	1
Pentachlorophenol	ND		9.5	2.1	ug/L		03/01/17 07:36	03/02/17 16:32	1
Phenanthrene	ND		4.8	0.42	ug/L		03/01/17 07:36	03/02/17 16:32	1
Phenol	ND		4.8	0.37	ug/L		03/01/17 07:36	03/02/17 16:32	1
Pyrene	ND		4.8	0.32	ug/L		03/01/17 07:36	03/02/17 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*41 - 120*	*03/01/17 07:36*	*03/02/17 16:32*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*03/01/17 07:36*	*03/02/17 16:32*	*1*
2-Fluorophenol	*51*		*35 - 120*	*03/01/17 07:36*	*03/02/17 16:32*	*1*
Nitrobenzene-d5	*70*		*46 - 120*	*03/01/17 07:36*	*03/02/17 16:32*	*1*
Phenol-d5	*38*		*22 - 120*	*03/01/17 07:36*	*03/02/17 16:32*	*1*
p-Terphenyl-d14	*63*		*59 - 136*	*03/01/17 07:36*	*03/02/17 16:32*	*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		03/01/17 09:11	03/01/17 18:51	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 18:51	1
Arsenic	ND		0.015	0.0056	mg/L		03/01/17 09:11	03/01/17 18:51	1
Barium	**0.22**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 18:51	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 18:51	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 18:51	1
Calcium	**257**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:51	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 18:51	1
Cobalt	ND		0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 18:51	1
Copper	**0.0057**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 18:51	1
Iron	**6.7**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 18:51	1
Lead	**0.0062**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 18:51	1
Magnesium	**37.9**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 18:51	1
Manganese	**1.1**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 18:51	1
Nickel	ND		0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 18:51	1
Potassium	**8.2**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:51	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C MW-C04_0217
Date Collected: 02/28/17 11:50
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 18:51	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 18:51	1
Sodium	**43.2**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 18:51	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 18:51	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 18:51	1
Zinc	**0.0054**	**J**	0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 18:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:24	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-20_0217
Date Collected: 02/27/17 14:30
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-5
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			03/01/17 01:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/17 01:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/17 01:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/17 01:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/01/17 01:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/17 01:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/17 01:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/17 01:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/17 01:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/17 01:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/17 01:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/17 01:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/17 01:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/17 01:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/17 01:40	1
2-Hexanone	ND		5.0	1.2	ug/L			03/01/17 01:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/17 01:40	1
Acetone	ND		10	3.0	ug/L			03/01/17 01:40	1
Benzene	ND		1.0	0.41	ug/L			03/01/17 01:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/17 01:40	1
Bromoform	ND		1.0	0.26	ug/L			03/01/17 01:40	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/17 01:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/01/17 01:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/17 01:40	1
Chlorobenzene	**13**		1.0	0.75	ug/L			03/01/17 01:40	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/17 01:40	1
Chloroform	ND		1.0	0.34	ug/L			03/01/17 01:40	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/17 01:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/17 01:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/17 01:40	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/17 01:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/17 01:40	1
Dichlorodifluoromethane	ND	*	1.0	0.68	ug/L			03/01/17 01:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/17 01:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/17 01:40	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/17 01:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/17 01:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/17 01:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/17 01:40	1
Styrene	ND		1.0	0.73	ug/L			03/01/17 01:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/17 01:40	1
Toluene	ND		1.0	0.51	ug/L			03/01/17 01:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/17 01:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/17 01:40	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/17 01:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/17 01:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/17 01:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/17 01:40	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-20_0217
Date Collected: 02/27/17 14:30
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*03/01/17 01:40*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*03/01/17 01:40*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/01/17 01:40*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/01/17 01:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 17:00	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		03/01/17 07:36	03/02/17 17:00	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/01/17 07:36	03/02/17 17:00	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/01/17 07:36	03/02/17 17:00	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		03/01/17 07:36	03/02/17 17:00	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/01/17 07:36	03/02/17 17:00	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 17:00	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/01/17 07:36	03/02/17 17:00	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/01/17 07:36	03/02/17 17:00	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		03/01/17 07:36	03/02/17 17:00	1
2-Methylphenol	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 17:00	1
2-Nitroaniline	ND		9.6	0.40	ug/L		03/01/17 07:36	03/02/17 17:00	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 17:00	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 17:00	1
3-Nitroaniline	ND		9.6	0.46	ug/L		03/01/17 07:36	03/02/17 17:00	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		03/01/17 07:36	03/02/17 17:00	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/01/17 07:36	03/02/17 17:00	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/01/17 07:36	03/02/17 17:00	1
4-Chloroaniline	ND		4.8	0.56	ug/L		03/01/17 07:36	03/02/17 17:00	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 17:00	1
4-Methylphenol	ND		9.6	0.34	ug/L		03/01/17 07:36	03/02/17 17:00	1
4-Nitroaniline	ND		9.6	0.24	ug/L		03/01/17 07:36	03/02/17 17:00	1
4-Nitrophenol	ND		9.6	1.5	ug/L		03/01/17 07:36	03/02/17 17:00	1
Acenaphthene	ND		4.8	0.39	ug/L		03/01/17 07:36	03/02/17 17:00	1
Acenaphthylene	ND		4.8	0.36	ug/L		03/01/17 07:36	03/02/17 17:00	1
Acetophenone	ND		4.8	0.52	ug/L		03/01/17 07:36	03/02/17 17:00	1
Aniline	ND		9.6	0.58	ug/L		03/01/17 07:36	03/02/17 17:00	1
Anthracene	ND		4.8	0.27	ug/L		03/01/17 07:36	03/02/17 17:00	1
Atrazine	ND	*	4.8	0.44	ug/L		03/01/17 07:36	03/02/17 17:00	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/01/17 07:36	03/02/17 17:00	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 17:00	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/01/17 07:36	03/02/17 17:00	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 17:00	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 17:00	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		03/01/17 07:36	03/02/17 17:00	1
Biphenyl	ND		4.8	0.62	ug/L		03/01/17 07:36	03/02/17 17:00	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/01/17 07:36	03/02/17 17:00	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 17:00	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 17:00	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		03/01/17 07:36	03/02/17 17:00	1
Butyl benzyl phthalate	ND		4.8	0.96	ug/L		03/01/17 07:36	03/02/17 17:00	1
Caprolactam	ND		4.8	2.1	ug/L		03/01/17 07:36	03/02/17 17:00	1
Carbazole	ND		4.8	0.29	ug/L		03/01/17 07:36	03/02/17 17:00	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-20_0217
Date Collected: 02/27/17 14:30
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-5
Matrix: Ground Water

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		03/01/17 07:36	03/02/17 17:00	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		03/01/17 07:36	03/02/17 17:00	1
Dibenzofuran	ND		9.6	0.49	ug/L		03/01/17 07:36	03/02/17 17:00	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/01/17 07:36	03/02/17 17:00	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 17:00	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/01/17 07:36	03/02/17 17:00	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/01/17 07:36	03/02/17 17:00	1
Fluoranthene	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 17:00	1
Fluorene	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 17:00	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/01/17 07:36	03/02/17 17:00	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		03/01/17 07:36	03/02/17 17:00	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		03/01/17 07:36	03/02/17 17:00	1
Hexachloroethane	ND		4.8	0.56	ug/L		03/01/17 07:36	03/02/17 17:00	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/01/17 07:36	03/02/17 17:00	1
Isophorone	ND		4.8	0.41	ug/L		03/01/17 07:36	03/02/17 17:00	1
Naphthalene	ND		4.8	0.73	ug/L		03/01/17 07:36	03/02/17 17:00	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/01/17 07:36	03/02/17 17:00	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/01/17 07:36	03/02/17 17:00	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/01/17 07:36	03/02/17 17:00	1
Pentachlorophenol	ND		9.6	2.1	ug/L		03/01/17 07:36	03/02/17 17:00	1
Phenanthrene	ND		4.8	0.42	ug/L		03/01/17 07:36	03/02/17 17:00	1
Phenol	ND		4.8	0.37	ug/L		03/01/17 07:36	03/02/17 17:00	1
Pyrene	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*41 - 120*	*03/01/17 07:36*	*03/02/17 17:00*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*03/01/17 07:36*	*03/02/17 17:00*	*1*
2-Fluorophenol	*60*		*35 - 120*	*03/01/17 07:36*	*03/02/17 17:00*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*03/01/17 07:36*	*03/02/17 17:00*	*1*
Phenol-d5	*43*		*22 - 120*	*03/01/17 07:36*	*03/02/17 17:00*	*1*
p-Terphenyl-d14	*92*		*59 - 136*	*03/01/17 07:36*	*03/02/17 17:00*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/01/17 09:11	03/01/17 18:54	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 18:54	1
Arsenic	**0.010**	**J**	0.015	0.0056	mg/L		03/01/17 09:11	03/01/17 18:54	1
Barium	**0.056**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 18:54	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 18:54	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 18:54	1
Calcium	**186**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:54	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 18:54	1
Cobalt	**0.0012**	**J**	0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 18:54	1
Copper	**0.0017**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 18:54	1
Iron	**11.6**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 18:54	1
Lead	**0.0032**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 18:54	1
Magnesium	**19.4**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 18:54	1
Manganese	**0.38**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 18:54	1
Nickel	**0.019**		0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 18:54	1
Potassium	**6.5**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:54	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C RFI-20_0217
Date Collected: 02/27/17 14:30
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 18:54	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 18:54	1
Sodium	**26.1**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 18:54	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 18:54	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 18:54	1
Zinc	**0.013**		0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 18:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:26	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-05A_0217
Date Collected: 02/27/17 13:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-6
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		5.0	4.1	ug/L			03/01/17 02:04	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			03/01/17 02:04	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			03/01/17 02:04	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			03/01/17 02:04	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			03/01/17 02:04	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			03/01/17 02:04	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			03/01/17 02:04	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			03/01/17 02:04	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			03/01/17 02:04	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			03/01/17 02:04	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			03/01/17 02:04	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			03/01/17 02:04	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			03/01/17 02:04	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			03/01/17 02:04	5
2-Butanone (MEK)	ND		50	6.6	ug/L			03/01/17 02:04	5
2-Hexanone	ND		25	6.2	ug/L			03/01/17 02:04	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			03/01/17 02:04	5
Acetone	**21**	**J**	50	15	ug/L			03/01/17 02:04	5
Benzene	ND		5.0	2.1	ug/L			03/01/17 02:04	5
Bromodichloromethane	ND		5.0	2.0	ug/L			03/01/17 02:04	5
Bromoform	ND		5.0	1.3	ug/L			03/01/17 02:04	5
Bromomethane	ND		5.0	3.5	ug/L			03/01/17 02:04	5
Carbon disulfide	ND		5.0	0.95	ug/L			03/01/17 02:04	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			03/01/17 02:04	5
Chlorobenzene	**110**		5.0	3.8	ug/L			03/01/17 02:04	5
Chloroethane	ND		5.0	1.6	ug/L			03/01/17 02:04	5
Chloroform	ND		5.0	1.7	ug/L			03/01/17 02:04	5
Chloromethane	ND		5.0	1.8	ug/L			03/01/17 02:04	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			03/01/17 02:04	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			03/01/17 02:04	5
Cyclohexane	ND		5.0	0.90	ug/L			03/01/17 02:04	5
Dibromochloromethane	ND		5.0	1.6	ug/L			03/01/17 02:04	5
Dichlorodifluoromethane	ND	*	5.0	3.4	ug/L			03/01/17 02:04	5
Ethylbenzene	ND		5.0	3.7	ug/L			03/01/17 02:04	5
Isopropylbenzene	ND		5.0	4.0	ug/L			03/01/17 02:04	5
Methyl acetate	ND		13	6.5	ug/L			03/01/17 02:04	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			03/01/17 02:04	5
Methylcyclohexane	ND		5.0	0.80	ug/L			03/01/17 02:04	5
Methylene Chloride	ND		5.0	2.2	ug/L			03/01/17 02:04	5
Styrene	ND		5.0	3.7	ug/L			03/01/17 02:04	5
Tetrachloroethene	ND		5.0	1.8	ug/L			03/01/17 02:04	5
Toluene	ND		5.0	2.6	ug/L			03/01/17 02:04	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			03/01/17 02:04	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/01/17 02:04	5
Trichloroethene	ND		5.0	2.3	ug/L			03/01/17 02:04	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			03/01/17 02:04	5
Vinyl chloride	ND		5.0	4.5	ug/L			03/01/17 02:04	5
Xylenes, Total	ND		10	3.3	ug/L			03/01/17 02:04	5

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-05A_0217
Date Collected: 02/27/17 13:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-6
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*03/01/17 02:04*	*5*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*03/01/17 02:04*	*5*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/01/17 02:04*	*5*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/01/17 02:04*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		03/01/17 07:36	03/02/17 17:28	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		03/01/17 07:36	03/02/17 17:28	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		03/01/17 07:36	03/02/17 17:28	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		03/01/17 07:36	03/02/17 17:28	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		03/01/17 07:36	03/02/17 17:28	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		03/01/17 07:36	03/02/17 17:28	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 17:28	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		03/01/17 07:36	03/02/17 17:28	1
2-Chlorophenol	**1.1**	**J**	4.9	0.52	ug/L		03/01/17 07:36	03/02/17 17:28	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		03/01/17 07:36	03/02/17 17:28	1
2-Methylphenol	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 17:28	1
2-Nitroaniline	ND		9.8	0.41	ug/L		03/01/17 07:36	03/02/17 17:28	1
2-Nitrophenol	ND		4.9	0.47	ug/L		03/01/17 07:36	03/02/17 17:28	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 17:28	1
3-Nitroaniline	ND		9.8	0.47	ug/L		03/01/17 07:36	03/02/17 17:28	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		03/01/17 07:36	03/02/17 17:28	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		03/01/17 07:36	03/02/17 17:28	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		03/01/17 07:36	03/02/17 17:28	1
4-Chloroaniline	ND		4.9	0.58	ug/L		03/01/17 07:36	03/02/17 17:28	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		03/01/17 07:36	03/02/17 17:28	1
4-Methylphenol	ND		9.8	0.35	ug/L		03/01/17 07:36	03/02/17 17:28	1
4-Nitroaniline	ND		9.8	0.24	ug/L		03/01/17 07:36	03/02/17 17:28	1
4-Nitrophenol	ND		9.8	1.5	ug/L		03/01/17 07:36	03/02/17 17:28	1
Acenaphthene	ND		4.9	0.40	ug/L		03/01/17 07:36	03/02/17 17:28	1
Acenaphthylene	ND		4.9	0.37	ug/L		03/01/17 07:36	03/02/17 17:28	1
Acetophenone	ND		4.9	0.53	ug/L		03/01/17 07:36	03/02/17 17:28	1
Aniline	ND		9.8	0.60	ug/L		03/01/17 07:36	03/02/17 17:28	1
Anthracene	ND		4.9	0.27	ug/L		03/01/17 07:36	03/02/17 17:28	1
Atrazine	ND	*	4.9	0.45	ug/L		03/01/17 07:36	03/02/17 17:28	1
Benzaldehyde	ND		4.9	0.26	ug/L		03/01/17 07:36	03/02/17 17:28	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		03/01/17 07:36	03/02/17 17:28	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		03/01/17 07:36	03/02/17 17:28	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		03/01/17 07:36	03/02/17 17:28	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		03/01/17 07:36	03/02/17 17:28	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		03/01/17 07:36	03/02/17 17:28	1
Biphenyl	ND		4.9	0.64	ug/L		03/01/17 07:36	03/02/17 17:28	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		03/01/17 07:36	03/02/17 17:28	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		03/01/17 07:36	03/02/17 17:28	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 17:28	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.2	ug/L		03/01/17 07:36	03/02/17 17:28	1
Butyl benzyl phthalate	ND		4.9	0.98	ug/L		03/01/17 07:36	03/02/17 17:28	1
Caprolactam	ND		4.9	2.2	ug/L		03/01/17 07:36	03/02/17 17:28	1
Carbazole	ND		4.9	0.29	ug/L		03/01/17 07:36	03/02/17 17:28	1

Client Sample ID: BCC Area C PS-05A_0217
Date Collected: 02/27/17 13:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-6
Matrix: Ground Water

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		03/01/17 07:36	03/02/17 17:28	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		03/01/17 07:36	03/02/17 17:28	1
Dibenzofuran	ND		9.8	0.50	ug/L		03/01/17 07:36	03/02/17 17:28	1
Diethyl phthalate	ND		4.9	0.22	ug/L		03/01/17 07:36	03/02/17 17:28	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		03/01/17 07:36	03/02/17 17:28	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		03/01/17 07:36	03/02/17 17:28	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		03/01/17 07:36	03/02/17 17:28	1
Fluoranthene	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 17:28	1
Fluorene	ND		4.9	0.35	ug/L		03/01/17 07:36	03/02/17 17:28	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		03/01/17 07:36	03/02/17 17:28	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		03/01/17 07:36	03/02/17 17:28	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		03/01/17 07:36	03/02/17 17:28	1
Hexachloroethane	ND		4.9	0.58	ug/L		03/01/17 07:36	03/02/17 17:28	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		03/01/17 07:36	03/02/17 17:28	1
Isophorone	ND		4.9	0.42	ug/L		03/01/17 07:36	03/02/17 17:28	1
Naphthalene	**0.94**	**J**	4.9	0.74	ug/L		03/01/17 07:36	03/02/17 17:28	1
Nitrobenzene	ND		4.9	0.28	ug/L		03/01/17 07:36	03/02/17 17:28	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		03/01/17 07:36	03/02/17 17:28	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		03/01/17 07:36	03/02/17 17:28	1
Pentachlorophenol	ND		9.8	2.2	ug/L		03/01/17 07:36	03/02/17 17:28	1
Phenanthrene	ND		4.9	0.43	ug/L		03/01/17 07:36	03/02/17 17:28	1
Phenol	ND		4.9	0.38	ug/L		03/01/17 07:36	03/02/17 17:28	1
Pyrene	ND		4.9	0.33	ug/L		03/01/17 07:36	03/02/17 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*118*		*41 - 120*	*03/01/17 07:36*	*03/02/17 17:28*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*03/01/17 07:36*	*03/02/17 17:28*	*1*
2-Fluorophenol	*65*		*35 - 120*	*03/01/17 07:36*	*03/02/17 17:28*	*1*
Nitrobenzene-d5	*92*		*46 - 120*	*03/01/17 07:36*	*03/02/17 17:28*	*1*
Phenol-d5	*45*		*22 - 120*	*03/01/17 07:36*	*03/02/17 17:28*	*1*
p-Terphenyl-d14	*88*		*59 - 136*	*03/01/17 07:36*	*03/02/17 17:28*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.061**	**J**	0.20	0.060	mg/L		03/01/17 09:11	03/01/17 18:58	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 18:58	1
Arsenic	**0.13**		0.015	0.0056	mg/L		03/01/17 09:11	03/01/17 18:58	1
Barium	**0.027**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 18:58	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 18:58	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 18:58	1
Calcium	**376**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:58	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 18:58	1
Cobalt	ND		0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 18:58	1
Copper	**0.0089**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 18:58	1
Iron	**77.9**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 18:58	1
Lead	**0.0073**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 18:58	1
Magnesium	**40.1**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 18:58	1
Manganese	**1.4**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 18:58	1
Nickel	**0.0031**	**J**	0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 18:58	1
Potassium	**15.1**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:58	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-05A_0217
Date Collected: 02/27/17 13:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 18:58	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 18:58	1
Sodium	**190**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 18:58	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 18:58	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 18:58	1
Zinc	**0.029**		0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 18:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/02/17 08:15	03/02/17 12:36	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-06_0217
Date Collected: 02/27/17 11:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-7
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			03/01/17 12:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/17 12:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/17 12:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/17 12:07	1
1,1-Dichloroethane	**1.1**		1.0	0.38	ug/L			03/01/17 12:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/17 12:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/17 12:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/17 12:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/17 12:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/17 12:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/17 12:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/17 12:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/17 12:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/17 12:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/17 12:07	1
2-Hexanone	ND		5.0	1.2	ug/L			03/01/17 12:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/17 12:07	1
Acetone	ND		10	3.0	ug/L			03/01/17 12:07	1
Benzene	ND		1.0	0.41	ug/L			03/01/17 12:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/17 12:07	1
Bromoform	ND		1.0	0.26	ug/L			03/01/17 12:07	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/17 12:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/01/17 12:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/17 12:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/01/17 12:07	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/17 12:07	1
Chloroform	ND		1.0	0.34	ug/L			03/01/17 12:07	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/17 12:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/17 12:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/17 12:07	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/17 12:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/17 12:07	1
Dichlorodifluoromethane	ND	F1 *	1.0	0.68	ug/L			03/01/17 12:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/17 12:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/17 12:07	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/17 12:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/17 12:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/17 12:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/17 12:07	1
Styrene	ND		1.0	0.73	ug/L			03/01/17 12:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/17 12:07	1
Toluene	ND		1.0	0.51	ug/L			03/01/17 12:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/17 12:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/17 12:07	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/17 12:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/17 12:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/17 12:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/17 12:07	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-06_0217
Date Collected: 02/27/17 11:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-7
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*03/01/17 12:07*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*03/01/17 12:07*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/01/17 12:07*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*03/01/17 12:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 17:56	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/01/17 07:36	03/02/17 17:56	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/01/17 07:36	03/02/17 17:56	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/01/17 07:36	03/02/17 17:56	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		03/01/17 07:36	03/02/17 17:56	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/01/17 07:36	03/02/17 17:56	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/01/17 07:36	03/02/17 17:56	1
2-Chloronaphthalene	ND		4.8	0.45	ug/L		03/01/17 07:36	03/02/17 17:56	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/01/17 07:36	03/02/17 17:56	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/01/17 07:36	03/02/17 17:56	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/01/17 07:36	03/02/17 17:56	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/01/17 07:36	03/02/17 17:56	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 17:56	1
3,3'-Dichlorobenzidine	ND	F1 F2	4.8	0.39	ug/L		03/01/17 07:36	03/02/17 17:56	1
3-Nitroaniline	ND		9.7	0.46	ug/L		03/01/17 07:36	03/02/17 17:56	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/01/17 07:36	03/02/17 17:56	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		03/01/17 07:36	03/02/17 17:56	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		03/01/17 07:36	03/02/17 17:56	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/01/17 07:36	03/02/17 17:56	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 17:56	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/01/17 07:36	03/02/17 17:56	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/01/17 07:36	03/02/17 17:56	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/01/17 07:36	03/02/17 17:56	1
Acenaphthene	ND		4.8	0.40	ug/L		03/01/17 07:36	03/02/17 17:56	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/01/17 07:36	03/02/17 17:56	1
Acetophenone	ND		4.8	0.52	ug/L		03/01/17 07:36	03/02/17 17:56	1
Aniline	ND		9.7	0.59	ug/L		03/01/17 07:36	03/02/17 17:56	1
Anthracene	ND		4.8	0.27	ug/L		03/01/17 07:36	03/02/17 17:56	1
Atrazine	ND	*	4.8	0.45	ug/L		03/01/17 07:36	03/02/17 17:56	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/01/17 07:36	03/02/17 17:56	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/01/17 07:36	03/02/17 17:56	1
Benzo(a)pyrene	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 17:56	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 17:56	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 17:56	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		03/01/17 07:36	03/02/17 17:56	1
Biphenyl	ND		4.8	0.63	ug/L		03/01/17 07:36	03/02/17 17:56	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/01/17 07:36	03/02/17 17:56	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/01/17 07:36	03/02/17 17:56	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/01/17 07:36	03/02/17 17:56	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		03/01/17 07:36	03/02/17 17:56	1
Butyl benzyl phthalate	ND		4.8	0.97	ug/L		03/01/17 07:36	03/02/17 17:56	1
Caprolactam	ND		4.8	2.1	ug/L		03/01/17 07:36	03/02/17 17:56	1
Carbazole	ND		4.8	0.29	ug/L		03/01/17 07:36	03/02/17 17:56	1

Client Sample ID: BCC Area C PS-06_0217
Date Collected: 02/27/17 11:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-7
Matrix: Ground Water

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		03/01/17 07:36	03/02/17 17:56	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		03/01/17 07:36	03/02/17 17:56	1
Dibenzofuran	ND		9.7	0.49	ug/L		03/01/17 07:36	03/02/17 17:56	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/01/17 07:36	03/02/17 17:56	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/01/17 07:36	03/02/17 17:56	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/01/17 07:36	03/02/17 17:56	1
Di-n-octyl phthalate	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 17:56	1
Fluoranthene	ND		4.8	0.39	ug/L		03/01/17 07:36	03/02/17 17:56	1
Fluorene	ND		4.8	0.35	ug/L		03/01/17 07:36	03/02/17 17:56	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/01/17 07:36	03/02/17 17:56	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/01/17 07:36	03/02/17 17:56	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/01/17 07:36	03/02/17 17:56	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/01/17 07:36	03/02/17 17:56	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.46	ug/L		03/01/17 07:36	03/02/17 17:56	1
Isophorone	ND		4.8	0.42	ug/L		03/01/17 07:36	03/02/17 17:56	1
Naphthalene	ND		4.8	0.74	ug/L		03/01/17 07:36	03/02/17 17:56	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/01/17 07:36	03/02/17 17:56	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/01/17 07:36	03/02/17 17:56	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/01/17 07:36	03/02/17 17:56	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/01/17 07:36	03/02/17 17:56	1
Phenanthrene	ND		4.8	0.43	ug/L		03/01/17 07:36	03/02/17 17:56	1
Phenol	ND		4.8	0.38	ug/L		03/01/17 07:36	03/02/17 17:56	1
Pyrene	ND		4.8	0.33	ug/L		03/01/17 07:36	03/02/17 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*128*	*X*	*41 - 120*	*03/01/17 07:36*	*03/02/17 17:56*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*03/01/17 07:36*	*03/02/17 17:56*	*1*
2-Fluorophenol	*61*		*35 - 120*	*03/01/17 07:36*	*03/02/17 17:56*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*03/01/17 07:36*	*03/02/17 17:56*	*1*
Phenol-d5	*45*		*22 - 120*	*03/01/17 07:36*	*03/02/17 17:56*	*1*
p-Terphenyl-d14	*85*		*59 - 136*	*03/01/17 07:36*	*03/02/17 17:56*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/01/17 09:11	03/01/17 19:01	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 19:01	1
Arsenic	**0.082**		0.015	0.0056	mg/L		03/01/17 09:11	03/02/17 11:04	1
Barium	**0.0086**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 19:01	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 19:01	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 19:01	1
Calcium	**227**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 19:01	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 19:01	1
Cobalt	ND		0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 19:01	1
Copper	**0.0026**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 19:01	1
Iron	**48.1**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 19:01	1
Lead	**0.0058**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 19:01	1
Magnesium	**13.8**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 19:01	1
Manganese	**0.22**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 19:01	1
Nickel	ND		0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 19:01	1
Potassium	**59.8**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 19:01	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-06_0217
Date Collected: 02/27/17 11:25
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 19:01	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 19:01	1
Sodium	**59.6**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 19:01	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 19:01	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 19:01	1
Zinc	**0.0084**	**J**	0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 19:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:33	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C_PS-06 D_0217
Date Collected: 02/27/17 11:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-8
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		5.0	4.1	ug/L			03/01/17 17:18	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			03/01/17 17:18	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			03/01/17 17:18	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			03/01/17 17:18	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			03/01/17 17:18	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			03/01/17 17:18	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			03/01/17 17:18	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			03/01/17 17:18	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			03/01/17 17:18	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			03/01/17 17:18	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			03/01/17 17:18	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			03/01/17 17:18	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			03/01/17 17:18	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			03/01/17 17:18	5
2-Butanone (MEK)	ND		50	6.6	ug/L			03/01/17 17:18	5
2-Hexanone	ND		25	6.2	ug/L			03/01/17 17:18	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			03/01/17 17:18	5
Acetone	ND		50	15	ug/L			03/01/17 17:18	5
Benzene	ND		5.0	2.1	ug/L			03/01/17 17:18	5
Bromodichloromethane	ND		5.0	2.0	ug/L			03/01/17 17:18	5
Bromoform	ND		5.0	1.3	ug/L			03/01/17 17:18	5
Bromomethane	ND		5.0	3.5	ug/L			03/01/17 17:18	5
Carbon disulfide	ND		5.0	0.95	ug/L			03/01/17 17:18	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			03/01/17 17:18	5
Chlorobenzene	ND		5.0	3.8	ug/L			03/01/17 17:18	5
Chloroethane	ND		5.0	1.6	ug/L			03/01/17 17:18	5
Chloroform	ND		5.0	1.7	ug/L			03/01/17 17:18	5
Chloromethane	ND		5.0	1.8	ug/L			03/01/17 17:18	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			03/01/17 17:18	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			03/01/17 17:18	5
Cyclohexane	ND		5.0	0.90	ug/L			03/01/17 17:18	5
Dibromochloromethane	ND		5.0	1.6	ug/L			03/01/17 17:18	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			03/01/17 17:18	5
Ethylbenzene	ND		5.0	3.7	ug/L			03/01/17 17:18	5
Isopropylbenzene	ND		5.0	4.0	ug/L			03/01/17 17:18	5
Methyl acetate	ND		13	6.5	ug/L			03/01/17 17:18	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			03/01/17 17:18	5
Methylcyclohexane	ND		5.0	0.80	ug/L			03/01/17 17:18	5
Methylene Chloride	**2.5**	**J**	5.0	2.2	ug/L			03/01/17 17:18	5
Styrene	ND		5.0	3.7	ug/L			03/01/17 17:18	5
Tetrachloroethene	ND		5.0	1.8	ug/L			03/01/17 17:18	5
Toluene	ND		5.0	2.6	ug/L			03/01/17 17:18	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			03/01/17 17:18	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/01/17 17:18	5
Trichloroethene	ND		5.0	2.3	ug/L			03/01/17 17:18	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			03/01/17 17:18	5
Vinyl chloride	ND		5.0	4.5	ug/L			03/01/17 17:18	5
Xylenes, Total	ND		10	3.3	ug/L			03/01/17 17:18	5

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C_PS-06 D_0217
Date Collected: 02/27/17 11:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-8
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*03/01/17 17:18*	*5*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/01/17 17:18*	*5*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/01/17 17:18*	*5*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*03/01/17 17:18*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		03/01/17 07:36	03/02/17 18:25	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		03/01/17 07:36	03/02/17 18:25	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		03/01/17 07:36	03/02/17 18:25	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		03/01/17 07:36	03/02/17 18:25	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		03/01/17 07:36	03/02/17 18:25	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		03/01/17 07:36	03/02/17 18:25	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 18:25	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		03/01/17 07:36	03/02/17 18:25	1
2-Chlorophenol	ND		4.9	0.52	ug/L		03/01/17 07:36	03/02/17 18:25	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		03/01/17 07:36	03/02/17 18:25	1
2-Methylphenol	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 18:25	1
2-Nitroaniline	ND		9.8	0.41	ug/L		03/01/17 07:36	03/02/17 18:25	1
2-Nitrophenol	ND		4.9	0.47	ug/L		03/01/17 07:36	03/02/17 18:25	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 18:25	1
3-Nitroaniline	ND		9.8	0.47	ug/L		03/01/17 07:36	03/02/17 18:25	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		03/01/17 07:36	03/02/17 18:25	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		03/01/17 07:36	03/02/17 18:25	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		03/01/17 07:36	03/02/17 18:25	1
4-Chloroaniline	ND		4.9	0.58	ug/L		03/01/17 07:36	03/02/17 18:25	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		03/01/17 07:36	03/02/17 18:25	1
4-Methylphenol	ND		9.8	0.35	ug/L		03/01/17 07:36	03/02/17 18:25	1
4-Nitroaniline	ND		9.8	0.25	ug/L		03/01/17 07:36	03/02/17 18:25	1
4-Nitrophenol	ND		9.8	1.5	ug/L		03/01/17 07:36	03/02/17 18:25	1
Acenaphthene	ND		4.9	0.40	ug/L		03/01/17 07:36	03/02/17 18:25	1
Acenaphthylene	ND		4.9	0.37	ug/L		03/01/17 07:36	03/02/17 18:25	1
Acetophenone	ND		4.9	0.53	ug/L		03/01/17 07:36	03/02/17 18:25	1
Aniline	ND		9.8	0.60	ug/L		03/01/17 07:36	03/02/17 18:25	1
Anthracene	ND		4.9	0.28	ug/L		03/01/17 07:36	03/02/17 18:25	1
Atrazine	ND	*	4.9	0.45	ug/L		03/01/17 07:36	03/02/17 18:25	1
Benzaldehyde	ND		4.9	0.26	ug/L		03/01/17 07:36	03/02/17 18:25	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		03/01/17 07:36	03/02/17 18:25	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		03/01/17 07:36	03/02/17 18:25	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		03/01/17 07:36	03/02/17 18:25	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		03/01/17 07:36	03/02/17 18:25	1
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L		03/01/17 07:36	03/02/17 18:25	1
Biphenyl	ND		4.9	0.64	ug/L		03/01/17 07:36	03/02/17 18:25	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		03/01/17 07:36	03/02/17 18:25	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		03/01/17 07:36	03/02/17 18:25	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 18:25	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.2	ug/L		03/01/17 07:36	03/02/17 18:25	1
Butyl benzyl phthalate	ND		4.9	0.98	ug/L		03/01/17 07:36	03/02/17 18:25	1
Caprolactam	ND		4.9	2.2	ug/L		03/01/17 07:36	03/02/17 18:25	1
Carbazole	ND		4.9	0.29	ug/L		03/01/17 07:36	03/02/17 18:25	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C_PS-06 D_0217
Date Collected: 02/27/17 11:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-8
Matrix: Ground Water

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		03/01/17 07:36	03/02/17 18:25	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		03/01/17 07:36	03/02/17 18:25	1
Dibenzofuran	ND		9.8	0.50	ug/L		03/01/17 07:36	03/02/17 18:25	1
Diethyl phthalate	ND		4.9	0.22	ug/L		03/01/17 07:36	03/02/17 18:25	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		03/01/17 07:36	03/02/17 18:25	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		03/01/17 07:36	03/02/17 18:25	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		03/01/17 07:36	03/02/17 18:25	1
Fluoranthene	ND		4.9	0.39	ug/L		03/01/17 07:36	03/02/17 18:25	1
Fluorene	ND		4.9	0.35	ug/L		03/01/17 07:36	03/02/17 18:25	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		03/01/17 07:36	03/02/17 18:25	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		03/01/17 07:36	03/02/17 18:25	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		03/01/17 07:36	03/02/17 18:25	1
Hexachloroethane	ND		4.9	0.58	ug/L		03/01/17 07:36	03/02/17 18:25	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		03/01/17 07:36	03/02/17 18:25	1
Isophorone	ND		4.9	0.42	ug/L		03/01/17 07:36	03/02/17 18:25	1
Naphthalene	ND		4.9	0.75	ug/L		03/01/17 07:36	03/02/17 18:25	1
Nitrobenzene	ND		4.9	0.29	ug/L		03/01/17 07:36	03/02/17 18:25	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		03/01/17 07:36	03/02/17 18:25	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		03/01/17 07:36	03/02/17 18:25	1
Pentachlorophenol	ND		9.8	2.2	ug/L		03/01/17 07:36	03/02/17 18:25	1
Phenanthrene	ND		4.9	0.43	ug/L		03/01/17 07:36	03/02/17 18:25	1
Phenol	ND		4.9	0.38	ug/L		03/01/17 07:36	03/02/17 18:25	1
Pyrene	ND		4.9	0.33	ug/L		03/01/17 07:36	03/02/17 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*130*	*X*	*41 - 120*	*03/01/17 07:36*	*03/02/17 18:25*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*03/01/17 07:36*	*03/02/17 18:25*	*1*
2-Fluorophenol	*58*		*35 - 120*	*03/01/17 07:36*	*03/02/17 18:25*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*03/01/17 07:36*	*03/02/17 18:25*	*1*
Phenol-d5	*44*		*22 - 120*	*03/01/17 07:36*	*03/02/17 18:25*	*1*
p-Terphenyl-d14	*88*		*59 - 136*	*03/01/17 07:36*	*03/02/17 18:25*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/01/17 09:11	03/01/17 19:28	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 19:28	1
Arsenic	**0.088**		0.015	0.0056	mg/L		03/01/17 09:11	03/02/17 11:31	1
Barium	**0.0090**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 19:28	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 19:28	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 19:28	1
Calcium	**232**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 19:28	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 19:28	1
Cobalt	ND		0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 19:28	1
Copper	**0.0037**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 19:28	1
Iron	**49.7**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 19:28	1
Lead	**0.0053**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 19:28	1
Magnesium	**14.4**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 19:28	1
Manganese	**0.23**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 19:28	1
Nickel	ND		0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 19:28	1
Potassium	**62.0**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 19:28	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C_PS-06 D_0217
Date Collected: 02/27/17 11:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 19:28	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 19:28	1
Sodium	**61.8**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 19:28	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 19:28	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 19:28	1
Zinc	**0.0091**	**J**	0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 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		03/01/17 08:15	03/01/17 12:41	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: TRIP BLANK
Date Collected: 02/28/17 00:00
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-9
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			03/01/17 17:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/17 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/17 17:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/17 17:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/01/17 17:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/17 17:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/17 17:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/17 17:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/17 17:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/17 17:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/17 17:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/17 17:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/17 17:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/17 17:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/17 17:41	1
2-Hexanone	ND		5.0	1.2	ug/L			03/01/17 17:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/17 17:41	1
Acetone	ND		10	3.0	ug/L			03/01/17 17:41	1
Benzene	ND		1.0	0.41	ug/L			03/01/17 17:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/17 17:41	1
Bromoform	ND		1.0	0.26	ug/L			03/01/17 17:41	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/17 17:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/01/17 17:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/17 17:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/01/17 17:41	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/17 17:41	1
Chloroform	ND		1.0	0.34	ug/L			03/01/17 17:41	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/17 17:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/17 17:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/17 17:41	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/17 17:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/17 17:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/01/17 17:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/17 17:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/17 17:41	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/17 17:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/17 17:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/17 17:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/17 17:41	1
Styrene	ND		1.0	0.73	ug/L			03/01/17 17:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/17 17:41	1
Toluene	ND		1.0	0.51	ug/L			03/01/17 17:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/17 17:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/17 17:41	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/17 17:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/17 17:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/17 17:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/17 17:41	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: TRIP BLANK
Date Collected: 02/28/17 00:00
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		03/01/17 17:41	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/01/17 17:41	1
Toluene-d8 (Surr)	97		80 - 120		03/01/17 17:41	1
Dibromofluoromethane (Surr)	96		75 - 123		03/01/17 17:41	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C_PS-05AF_0217
Date Collected: 02/27/17 13:40
Date Received: 02/28/17 15:45

Lab Sample ID: 480-114013-10
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/01/17 09:11	03/01/17 19:32	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 19:32	1
Arsenic	**0.093**		0.015	0.0056	mg/L		03/01/17 09:11	03/02/17 11:34	1
Barium	**0.020**		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 19:32	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 19:32	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 19:32	1
Calcium	**385**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 19:32	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 19:32	1
Cobalt	**0.00070**	**J**	0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 19:32	1
Copper	**0.0020**	**J**	0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 19:32	1
Iron	**66.4**		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 19:32	1
Lead	**0.0067**	**J**	0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 19:32	1
Magnesium	**41.3**		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 19:32	1
Manganese	**1.4**		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 19:32	1
Nickel	**0.0020**	**J**	0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 19:32	1
Potassium	**15.5**		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 19:32	1
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 19:32	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 19:32	1
Sodium	**169**		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 19:32	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 19:32	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 19:32	1
Zinc	**0.011**		0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 19:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:43	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-114013-1	BCC Area C MW-C01_0217	104	96	98	97
480-114013-2	BCC Area C RFI-31_0217	103	95	96	96
480-114013-2 MS	BCC Area C RFI-31_0217	102	95	100	98
480-114013-2 MSD	BCC Area C RFI-31_0217	99	98	100	94
480-114013-3	BCC Area C PS-04_0217	99	96	98	95
480-114013-4	BCC Area C MW-C04_0217	104	95	98	96
480-114013-5	BCC Area C RFI-20_0217	92	107	95	98
480-114013-6	BCC Area C PS-05A_0217	91	106	94	95
480-114013-7	BCC Area C PS-06_0217	92	107	94	101
480-114013-7 MS	BCC Area C PS-06_0217	89	109	92	96
480-114013-7 MSD	BCC Area C PS-06_0217	88	108	92	94
480-114013-8	BCC Area C_PS-06 D_0217	102	98	99	94

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-114013-9	TRIP BLANK	103	97	97	96
LCS 480-345622/5	Lab Control Sample	90	107	93	95
LCS 480-345666/5	Lab Control Sample	91	110	95	99
LCS 480-345693/4	Lab Control Sample	101	101	101	100
LCS 480-345865/3	Lab Control Sample	100	95	98	95
LCSD 480-345622/10	Lab Control Sample Dup	91	108	95	98
MB 480-345622/8	Method Blank	91	107	95	94
MB 480-345666/7	Method Blank	94	106	94	102
MB 480-345693/6	Method Blank	104	95	96	99
MB 480-345865/5	Method Blank	101	96	97	96

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-114013-1	BCC Area C MW-C01_0217	92	82	54	75	39	82
480-114013-2	BCC Area C RFI-31_0217	93	53	44	61	33	62

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-114013-3	BCC Area C PS-04_0217	96	83	55	77	40	86
480-114013-4	BCC Area C MW-C04_0217	102	84	51	70	38	63
480-114013-5	BCC Area C RFI-20_0217	113	98	60	89	43	92
480-114013-6	BCC Area C PS-05A_0217	118	99	65	92	45	88
480-114013-7	BCC Area C PS-06_0217	128 X	98	61	89	45	85
480-114013-7 MS	BCC Area C PS-06_0217	104	83	55	73	42	66
480-114013-7 MSD	BCC Area C PS-06_0217	116	95	63	82	51	71
480-114013-8	BCC Area C_PS-06 D_0217	130 X	96	58	83	44	88

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
LCS 480-345659/2-A	Lab Control Sample	118	97	69	88	54	103
MB 480-345659/1-A	Method Blank	105	94	64	88	47	107

Surrogate Legend

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

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

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

Lab Sample ID: MB 480-345622/8
Matrix: Water
Analysis Batch: 345622

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			02/28/17 21:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/28/17 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/28/17 21:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/28/17 21:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/28/17 21:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/28/17 21:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/28/17 21:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/28/17 21:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/28/17 21:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/28/17 21:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/28/17 21:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/28/17 21:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/28/17 21:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/28/17 21:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/28/17 21:22	1
2-Hexanone	ND		5.0	1.2	ug/L			02/28/17 21:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/28/17 21:22	1
Acetone	ND		10	3.0	ug/L			02/28/17 21:22	1
Benzene	ND		1.0	0.41	ug/L			02/28/17 21:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/28/17 21:22	1
Bromoform	ND		1.0	0.26	ug/L			02/28/17 21:22	1
Bromomethane	ND		1.0	0.69	ug/L			02/28/17 21:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/28/17 21:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/28/17 21:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/28/17 21:22	1
Chloroethane	ND		1.0	0.32	ug/L			02/28/17 21:22	1
Chloroform	ND		1.0	0.34	ug/L			02/28/17 21:22	1
Chloromethane	ND		1.0	0.35	ug/L			02/28/17 21:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/28/17 21:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/28/17 21:22	1
Cyclohexane	ND		1.0	0.18	ug/L			02/28/17 21:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/28/17 21:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/28/17 21:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/28/17 21:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/28/17 21:22	1
Methyl acetate	ND		2.5	1.3	ug/L			02/28/17 21:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/28/17 21:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/28/17 21:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/28/17 21:22	1
Styrene	ND		1.0	0.73	ug/L			02/28/17 21:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/28/17 21:22	1
Toluene	ND		1.0	0.51	ug/L			02/28/17 21:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/28/17 21:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/28/17 21:22	1
Trichloroethene	ND		1.0	0.46	ug/L			02/28/17 21:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/28/17 21:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/28/17 21:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/28/17 21:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		02/28/17 21:22	1
4-Bromofluorobenzene (Surr)	107		73 - 120		02/28/17 21:22	1
Toluene-d8 (Surr)	95		80 - 120		02/28/17 21:22	1
Dibromofluoromethane (Surr)	94		75 - 123		02/28/17 21:22	1

Lab Sample ID: LCS 480-345622/5
Matrix: Water
Analysis Batch: 345622

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	24.4		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.9		ug/L		88	61 - 148
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	22.6		ug/L		91	77 - 120
1,1-Dichloroethene	25.0	22.6		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.7		ug/L		115	56 - 134
1,2-Dibromoethane	25.0	24.4		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	22.7		ug/L		91	75 - 120
1,2-Dichloropropane	25.0	21.9		ug/L		88	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	113		ug/L		90	65 - 127
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		86	71 - 125
Acetone	125	133		ug/L		107	56 - 142
Benzene	25.0	22.5		ug/L		90	71 - 124
Bromodichloromethane	25.0	26.0		ug/L		104	80 - 122
Bromoform	25.0	31.0		ug/L		124	61 - 132
Bromomethane	25.0	25.6		ug/L		103	55 - 144
Carbon disulfide	25.0	21.3		ug/L		85	59 - 134
Carbon tetrachloride	25.0	26.9		ug/L		108	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120
Chloroethane	25.0	24.3		ug/L		97	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	25.1		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	25.1		ug/L		100	74 - 124
Cyclohexane	25.0	21.1		ug/L		84	59 - 135
Dibromochloromethane	25.0	28.7		ug/L		115	75 - 125
Dichlorodifluoromethane	25.0	36.1	*	ug/L		144	59 - 135
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
Isopropylbenzene	25.0	24.1		ug/L		96	77 - 122
Methyl acetate	125	103		ug/L		82	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	23.6		ug/L		94	68 - 134
Methylene Chloride	25.0	25.8		ug/L		103	75 - 124
Styrene	25.0	24.4		ug/L		98	80 - 120
Tetrachloroethene	25.0	24.6		ug/L		98	74 - 122
Toluene	25.0	22.7		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127

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

Lab Sample ID: LCS 480-345622/5
Matrix: Water
Analysis Batch: 345622

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	24.8		ug/L		99	80 - 120
Trichloroethene	25.0	23.9		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	25.7		ug/L		103	62 - 150
Vinyl chloride	25.0	25.9		ug/L		104	65 - 133
Xylenes, Total	50.0	46.5		ug/L		93	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: LCSD 480-345622/10
Matrix: Water
Analysis Batch: 345622

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	25.8		ug/L		103	73 - 126	6	15
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	76 - 120	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.7		ug/L		95	61 - 148	8	20
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	76 - 122	0	15
1,1-Dichloroethane	25.0	24.1		ug/L		96	77 - 120	6	20
1,1-Dichloroethene	25.0	24.0		ug/L		96	66 - 127	6	16
1,2,4-Trichlorobenzene	25.0	26.4		ug/L		106	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	25.0	27.2		ug/L		109	56 - 134	6	15
1,2-Dibromoethane	25.0	24.9		ug/L		100	77 - 120	2	15
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 124	0	20
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 120	4	20
1,2-Dichloropropane	25.0	23.9		ug/L		96	76 - 120	9	20
1,3-Dichlorobenzene	25.0	24.9		ug/L		99	77 - 120	2	20
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 120	2	20
2-Butanone (MEK)	125	113		ug/L		90	57 - 140	19	20
2-Hexanone	125	114		ug/L		91	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		86	71 - 125	0	35
Acetone	125	133		ug/L		107	56 - 142	0	15
Benzene	25.0	23.7		ug/L		95	71 - 124	6	13
Bromodichloromethane	25.0	27.0		ug/L		108	80 - 122	4	15
Bromoform	25.0	31.3		ug/L		125	61 - 132	1	15
Bromomethane	25.0	26.4		ug/L		106	55 - 144	3	15
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134	8	15
Carbon tetrachloride	25.0	28.3		ug/L		113	72 - 134	5	15
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120	1	25
Chloroethane	25.0	25.4		ug/L		102	69 - 136	4	15
Chloroform	25.0	24.1		ug/L		96	73 - 127	6	20
Chloromethane	25.0	26.2		ug/L		105	68 - 124	4	15
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124	6	15
cis-1,3-Dichloropropene	25.0	25.7		ug/L		103	74 - 124	3	15

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

Lab Sample ID: LCSD 480-345622/10
Matrix: Water
Analysis Batch: 345622

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	23.4		ug/L		94	59 - 135	10	20
Dibromochloromethane			25.0	29.1		ug/L		117	75 - 125	1	15
Dichlorodifluoromethane			25.0	41.4	*	ug/L		166	59 - 135	14	20
Ethylbenzene			25.0	24.5		ug/L		98	77 - 123	4	15
Isopropylbenzene			25.0	24.8		ug/L		99	77 - 122	3	20
Methyl acetate			125	104		ug/L		83	74 - 133	1	20
Methyl tert-butyl ether			25.0	23.1		ug/L		92	77 - 120	1	37
Methylcyclohexane			25.0	25.4		ug/L		102	68 - 134	7	20
Methylene Chloride			25.0	26.5		ug/L		106	75 - 124	3	15
Styrene			25.0	25.2		ug/L		101	80 - 120	3	20
Tetrachloroethene			25.0	25.9		ug/L		104	74 - 122	5	20
Toluene			25.0	23.9		ug/L		96	80 - 122	5	15
trans-1,2-Dichloroethene			25.0	24.5		ug/L		98	73 - 127	6	20
trans-1,3-Dichloropropene			25.0	25.3		ug/L		101	80 - 120	2	15
Trichloroethene			25.0	25.3		ug/L		101	74 - 123	6	16
Trichlorofluoromethane			25.0	27.7		ug/L		111	62 - 150	8	20
Vinyl chloride			25.0	27.8		ug/L		111	65 - 133	7	15
Xylenes, Total			50.0	48.6		ug/L		97	76 - 122	4	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Lab Sample ID: MB 480-345666/7
Matrix: Water
Analysis Batch: 345666

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			03/01/17 10:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/17 10:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/17 10:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/17 10:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/01/17 10:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/17 10:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/17 10:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/17 10:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/17 10:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/17 10:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/17 10:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/17 10:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/17 10:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/17 10:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/17 10:53	1
2-Hexanone	ND		5.0	1.2	ug/L			03/01/17 10:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/17 10:53	1
Acetone	ND		10	3.0	ug/L			03/01/17 10:53	1

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

Lab Sample ID: MB 480-345666/7
Matrix: Water
Analysis Batch: 345666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			03/01/17 10:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/17 10:53	1
Bromoform	ND		1.0	0.26	ug/L			03/01/17 10:53	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/17 10:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/01/17 10:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/17 10:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/01/17 10:53	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/17 10:53	1
Chloroform	ND		1.0	0.34	ug/L			03/01/17 10:53	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/17 10:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/17 10:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/17 10:53	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/17 10:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/17 10:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/01/17 10:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/17 10:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/17 10:53	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/17 10:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/17 10:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/17 10:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/17 10:53	1
Styrene	ND		1.0	0.73	ug/L			03/01/17 10:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/17 10:53	1
Toluene	ND		1.0	0.51	ug/L			03/01/17 10:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/17 10:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/17 10:53	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/17 10:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/17 10:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/17 10:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/17 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/01/17 10:53*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*03/01/17 10:53*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/01/17 10:53*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*03/01/17 10:53*	*1*

Lab Sample ID: LCS 480-345666/5
Matrix: Water
Analysis Batch: 345666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	24.1		ug/L		96	61 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	23.6		ug/L		94	77 - 120

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

Lab Sample ID: LCS 480-345666/5
Matrix: Water
Analysis Batch: 345666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	24.0		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	25.7		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.7		ug/L		107	56 - 134
1,2-Dibromoethane	25.0	26.4		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	23.8		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 120
2-Butanone (MEK)	125	128		ug/L		102	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	148		ug/L		118	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122
Bromoform	25.0	32.0		ug/L		128	61 - 132
Bromomethane	25.0	28.6		ug/L		114	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	28.4		ug/L		114	72 - 134
Chlorobenzene	25.0	24.4		ug/L		97	80 - 120
Chloroethane	25.0	25.5		ug/L		102	69 - 136
Chloroform	25.0	24.3		ug/L		97	73 - 127
Chloromethane	25.0	26.3		ug/L		105	68 - 124
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	26.3		ug/L		105	74 - 124
Cyclohexane	25.0	22.4		ug/L		90	59 - 135
Dibromochloromethane	25.0	28.9		ug/L		116	75 - 125
Dichlorodifluoromethane	25.0	39.5	*	ug/L		158	59 - 135
Ethylbenzene	25.0	24.5		ug/L		98	77 - 123
Isopropylbenzene	25.0	24.2		ug/L		97	77 - 122
Methyl acetate	125	111		ug/L		89	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	24.1		ug/L		96	68 - 134
Methylene Chloride	25.0	25.1		ug/L		100	75 - 124
Styrene	25.0	24.8		ug/L		99	80 - 120
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	23.8		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	25.4		ug/L		102	80 - 120
Trichloroethene	25.0	24.9		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	27.8		ug/L		111	62 - 150
Vinyl chloride	25.0	27.4		ug/L		109	65 - 133
Xylenes, Total	50.0	48.8		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*

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

Lab Sample ID: LCS 480-345666/5
Matrix: Water
Analysis Batch: 345666

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*99*		*75 - 123*

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345666

Client Sample ID: BCC Area C PS-06_0217
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	24.4		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.1		ug/L		96	61 - 148
1,1,2-Trichloroethane	ND		25.0	25.1		ug/L		100	76 - 122
1,1-Dichloroethane	1.1		25.0	25.5		ug/L		97	77 - 120
1,1-Dichloroethene	ND		25.0	25.6		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	27.0		ug/L		108	56 - 134
1,2-Dibromoethane	ND		25.0	25.8		ug/L		103	77 - 120
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		102	80 - 124
1,2-Dichloroethane	ND		25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	ND		25.0	24.3		ug/L		97	76 - 120
1,3-Dichlorobenzene	ND		25.0	25.7		ug/L		103	77 - 120
1,4-Dichlorobenzene	ND		25.0	25.5		ug/L		102	78 - 124
2-Butanone (MEK)	ND		125	122		ug/L		98	57 - 140
2-Hexanone	ND		125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	117		ug/L		94	71 - 125
Acetone	ND		125	125		ug/L		100	56 - 142
Benzene	ND		25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	ND		25.0	28.5		ug/L		114	80 - 122
Bromoform	ND		25.0	30.7		ug/L		123	61 - 132
Bromomethane	ND		25.0	27.4		ug/L		110	55 - 144
Carbon disulfide	ND		25.0	23.4		ug/L		93	59 - 134
Carbon tetrachloride	ND		25.0	29.5		ug/L		118	72 - 134
Chlorobenzene	ND		25.0	25.3		ug/L		101	80 - 120
Chloroethane	ND		25.0	28.0		ug/L		112	69 - 136
Chloroform	ND		25.0	24.7		ug/L		99	73 - 127
Chloromethane	ND		25.0	28.4		ug/L		114	68 - 124
cis-1,2-Dichloroethene	ND		25.0	25.3		ug/L		101	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.0		ug/L		104	74 - 124
Cyclohexane	ND		25.0	23.0		ug/L		92	59 - 135
Dibromochloromethane	ND		25.0	28.8		ug/L		115	75 - 125
Dichlorodifluoromethane	ND	F1 *	25.0	40.6	F1	ug/L		162	59 - 135
Ethylbenzene	ND		25.0	24.7		ug/L		99	77 - 123
Isopropylbenzene	ND		25.0	25.3		ug/L		101	77 - 122
Methyl acetate	ND		125	109		ug/L		87	74 - 133
Methyl tert-butyl ether	ND		25.0	25.5		ug/L		102	77 - 120
Methylcyclohexane	ND		25.0	24.1		ug/L		96	68 - 134
Methylene Chloride	ND		25.0	29.2		ug/L		117	75 - 124
Styrene	ND		25.0	25.4		ug/L		102	80 - 120

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

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345666

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	ND		25.0	26.0		ug/L		104	74 - 122
Toluene	ND		25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	ND		25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	80 - 120
Trichloroethene	ND		25.0	25.9		ug/L		104	74 - 123
Trichlorofluoromethane	ND		25.0	28.8		ug/L		115	62 - 150
Vinyl chloride	ND		25.0	29.6		ug/L		118	65 - 133
Xylenes, Total	ND		50.0	51.0		ug/L		102	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345666

Client Sample ID: BCC Area C PS-06_0217
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	26.1		ug/L		104	73 - 126	4	15
1,1,2,2-Tetrachloroethane	ND		25.0	25.1		ug/L		101	76 - 120	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.7		ug/L		87	61 - 148	11	20
1,1,2-Trichloroethane	ND		25.0	24.9		ug/L		100	76 - 122	1	15
1,1-Dichloroethane	1.1		25.0	25.2		ug/L		96	77 - 120	1	20
1,1-Dichloroethene	ND		25.0	24.7		ug/L		99	66 - 127	4	16
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		104	79 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.7		ug/L		111	56 - 134	3	15
1,2-Dibromoethane	ND		25.0	26.0		ug/L		104	77 - 120	1	15
1,2-Dichlorobenzene	ND		25.0	25.5		ug/L		102	80 - 124	0	20
1,2-Dichloroethane	ND		25.0	25.1		ug/L		100	75 - 120	1	20
1,2-Dichloropropane	ND		25.0	24.3		ug/L		97	76 - 120	0	20
1,3-Dichlorobenzene	ND		25.0	26.2		ug/L		105	77 - 120	2	20
1,4-Dichlorobenzene	ND		25.0	25.8		ug/L		103	78 - 124	1	20
2-Butanone (MEK)	ND		125	122		ug/L		97	57 - 140	0	20
2-Hexanone	ND		125	121		ug/L		96	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		125	116		ug/L		93	71 - 125	1	35
Acetone	ND		125	130		ug/L		104	56 - 142	4	15
Benzene	ND		25.0	24.8		ug/L		99	71 - 124	1	13
Bromodichloromethane	ND		25.0	27.6		ug/L		110	80 - 122	3	15
Bromoform	ND		25.0	30.6		ug/L		122	61 - 132	0	15
Bromomethane	ND		25.0	27.2		ug/L		109	55 - 144	1	15
Carbon disulfide	ND		25.0	22.7		ug/L		91	59 - 134	3	15
Carbon tetrachloride	ND		25.0	28.0		ug/L		112	72 - 134	5	15
Chlorobenzene	ND		25.0	25.0		ug/L		100	80 - 120	1	25
Chloroethane	ND		25.0	27.1		ug/L		108	69 - 136	3	15
Chloroform	ND		25.0	25.0		ug/L		100	73 - 127	1	20

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

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345666

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		25.0	26.7		ug/L		107	68 - 124	6	15
cis-1,2-Dichloroethene	ND		25.0	25.5		ug/L		102	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	74 - 124	2	15
Cyclohexane	ND		25.0	21.0		ug/L		84	59 - 135	9	20
Dibromochloromethane	ND		25.0	28.5		ug/L		114	75 - 125	1	15
Dichlorodifluoromethane	ND	F1 *	25.0	35.8	F1	ug/L		143	59 - 135	12	20
Ethylbenzene	ND		25.0	24.5		ug/L		98	77 - 123	1	15
Isopropylbenzene	ND		25.0	24.9		ug/L		100	77 - 122	1	20
Methyl acetate	ND		125	109		ug/L		87	74 - 133	1	20
Methyl tert-butyl ether	ND		25.0	25.8		ug/L		103	77 - 120	1	37
Methylcyclohexane	ND		25.0	22.1		ug/L		88	68 - 134	9	20
Methylene Chloride	ND		25.0	28.5		ug/L		114	75 - 124	2	15
Styrene	ND		25.0	24.7		ug/L		99	80 - 120	3	20
Tetrachloroethene	ND		25.0	25.3		ug/L		101	74 - 122	3	20
Toluene	ND		25.0	24.1		ug/L		96	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	25.6		ug/L		103	73 - 127	0	20
trans-1,3-Dichloropropene	ND		25.0	26.0		ug/L		104	80 - 120	3	15
Trichloroethene	ND		25.0	26.2		ug/L		105	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	26.6		ug/L		106	62 - 150	8	20
Vinyl chloride	ND		25.0	28.6		ug/L		114	65 - 133	3	15
Xylenes, Total	ND		50.0	49.4		ug/L		99	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: MB 480-345693/6
Matrix: Water
Analysis Batch: 345693

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			03/01/17 10:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/17 10:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/17 10:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/17 10:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/01/17 10:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/17 10:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/17 10:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/17 10:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/17 10:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/17 10:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/17 10:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/17 10:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/17 10:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/17 10:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/17 10:58	1

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

Lab Sample ID: MB 480-345693/6
Matrix: Water
Analysis Batch: 345693

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		5.0	1.2	ug/L			03/01/17 10:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/17 10:58	1
Acetone	ND		10	3.0	ug/L			03/01/17 10:58	1
Benzene	ND		1.0	0.41	ug/L			03/01/17 10:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/17 10:58	1
Bromoform	ND		1.0	0.26	ug/L			03/01/17 10:58	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/17 10:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/01/17 10:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/17 10:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/01/17 10:58	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/17 10:58	1
Chloroform	ND		1.0	0.34	ug/L			03/01/17 10:58	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/17 10:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/17 10:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/17 10:58	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/17 10:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/17 10:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/01/17 10:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/17 10:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/17 10:58	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/17 10:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/17 10:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/17 10:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/17 10:58	1
Styrene	ND		1.0	0.73	ug/L			03/01/17 10:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/17 10:58	1
Toluene	ND		1.0	0.51	ug/L			03/01/17 10:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/17 10:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/17 10:58	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/17 10:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/17 10:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/17 10:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/17 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*03/01/17 10:58*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/01/17 10:58*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/01/17 10:58*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*03/01/17 10:58*	*1*

Lab Sample ID: LCS 480-345693/4
Matrix: Water
Analysis Batch: 345693

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	28.1		ug/L		112	76 - 120

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

Lab Sample ID: LCS 480-345693/4
Matrix: Water
Analysis Batch: 345693

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.4		ug/L		94	61 - 148
1,1,2-Trichloroethane	25.0	26.5		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	24.4		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	25.0		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	24.0		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	30.5		ug/L		122	56 - 134
1,2-Dibromoethane	25.0	27.0		ug/L		108	77 - 120
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	23.7		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		101	80 - 120
2-Butanone (MEK)	125	139		ug/L		111	57 - 140
2-Hexanone	125	144		ug/L		115	65 - 127
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	147		ug/L		118	56 - 142
Benzene	25.0	24.3		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.3		ug/L		101	80 - 122
Bromoform	25.0	30.7		ug/L		123	61 - 132
Bromomethane	25.0	22.6		ug/L		91	55 - 144
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Chloroethane	25.0	24.2		ug/L		97	69 - 136
Chloroform	25.0	23.6		ug/L		95	73 - 127
Chloromethane	25.0	25.7		ug/L		103	68 - 124
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	74 - 124
Cyclohexane	25.0	25.2		ug/L		101	59 - 135
Dibromochloromethane	25.0	28.0		ug/L		112	75 - 125
Dichlorodifluoromethane	25.0	31.0		ug/L		124	59 - 135
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
Isopropylbenzene	25.0	25.8		ug/L		103	77 - 122
Methyl acetate	125	134		ug/L		107	74 - 133
Methyl tert-butyl ether	25.0	26.2		ug/L		105	77 - 120
Methylcyclohexane	25.0	24.4		ug/L		98	68 - 134
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Styrene	25.0	26.1		ug/L		104	80 - 120
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	26.8		ug/L		107	62 - 150
Vinyl chloride	25.0	25.9		ug/L		104	65 - 133
Xylenes, Total	50.0	50.1		ug/L		100	76 - 122

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

Lab Sample ID: LCS 480-345693/4
Matrix: Water
Analysis Batch: 345693

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Lab Sample ID: MB 480-345865/5
Matrix: Water
Analysis Batch: 345865

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			03/02/17 10:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/17 10:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/17 10:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/17 10:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/17 10:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/02/17 10:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/17 10:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/17 10:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/17 10:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/02/17 10:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/17 10:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/17 10:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/02/17 10:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/02/17 10:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/02/17 10:27	1
2-Hexanone	ND		5.0	1.2	ug/L			03/02/17 10:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/17 10:27	1
Acetone	ND		10	3.0	ug/L			03/02/17 10:27	1
Benzene	ND		1.0	0.41	ug/L			03/02/17 10:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/17 10:27	1
Bromoform	ND		1.0	0.26	ug/L			03/02/17 10:27	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/17 10:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/17 10:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/17 10:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/02/17 10:27	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/17 10:27	1
Chloroform	ND		1.0	0.34	ug/L			03/02/17 10:27	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/17 10:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/17 10:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/17 10:27	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/17 10:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/17 10:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/17 10:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/17 10:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/17 10:27	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/17 10:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/17 10:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/17 10:27	1

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

Lab Sample ID: MB 480-345865/5
Matrix: Water
Analysis Batch: 345865

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			03/02/17 10:27	1
Styrene	ND		1.0	0.73	ug/L			03/02/17 10:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/17 10:27	1
Toluene	ND		1.0	0.51	ug/L			03/02/17 10:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/17 10:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/17 10:27	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/17 10:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/17 10:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/17 10:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/17 10:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/02/17 10:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*03/02/17 10:27*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/02/17 10:27*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/02/17 10:27*	*1*

Lab Sample ID: LCS 480-345865/3
Matrix: Water
Analysis Batch: 345865

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	26.9		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	28.5		ug/L		114	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.7		ug/L		119	61 - 148
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	25.8		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	27.9		ug/L		112	66 - 127
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	30.5		ug/L		122	56 - 134
1,2-Dibromoethane	25.0	26.3		ug/L		105	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	24.6		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 120
2-Butanone (MEK)	125	141		ug/L		113	57 - 140
2-Hexanone	125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		107	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	29.1		ug/L		117	61 - 132
Bromomethane	25.0	26.7		ug/L		107	55 - 144
Carbon disulfide	25.0	27.8		ug/L		111	59 - 134
Carbon tetrachloride	25.0	26.6		ug/L		106	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120

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

Lab Sample ID: LCS 480-345865/3
Matrix: Water
Analysis Batch: 345865

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	25.5		ug/L		102	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	29.6		ug/L		118	68 - 124
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	74 - 124
Cyclohexane	25.0	27.8		ug/L		111	59 - 135
Dibromochloromethane	25.0	26.9		ug/L		108	75 - 125
Dichlorodifluoromethane	25.0	38.7	*	ug/L		155	59 - 135
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
Isopropylbenzene	25.0	26.3		ug/L		105	77 - 122
Methyl acetate	125	135		ug/L		108	74 - 133
Methyl tert-butyl ether	25.0	26.4		ug/L		106	77 - 120
Methylcyclohexane	25.0	26.0		ug/L		104	68 - 134
Methylene Chloride	25.0	26.6		ug/L		107	75 - 124
Styrene	25.0	26.0		ug/L		104	80 - 120
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	24.9		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	25.9		ug/L		104	80 - 120
Trichloroethene	25.0	25.8		ug/L		103	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 150
Vinyl chloride	25.0	28.4		ug/L		114	65 - 133
Xylenes, Total	50.0	49.6		ug/L		99	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: 480-114013-2 MS
Matrix: Ground Water
Analysis Batch: 345865

Client Sample ID: BCC Area C RFI-31_0217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	258		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	285		ug/L		114	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	247		ug/L		99	61 - 148
1,1,2-Trichloroethane	ND		250	264		ug/L		105	76 - 122
1,1-Dichloroethane	ND		250	250		ug/L		100	77 - 120
1,1-Dichloroethene	ND		250	256		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	29		250	261		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	ND		250	321		ug/L		128	56 - 134
1,2-Dibromoethane	ND		250	266		ug/L		107	77 - 120
1,2-Dichlorobenzene	ND		250	248		ug/L		99	80 - 124
1,2-Dichloroethane	ND		250	242		ug/L		97	75 - 120
1,2-Dichloropropane	ND		250	237		ug/L		95	76 - 120

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

Lab Sample ID: 480-114013-2 MS
Matrix: Ground Water
Analysis Batch: 345865

Client Sample ID: BCC Area C RFI-31_0217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	78		250	305		ug/L		90	77 - 120
1,4-Dichlorobenzene	ND		250	247		ug/L		99	78 - 124
2-Butanone (MEK)	ND		1250	1360		ug/L		109	57 - 140
2-Hexanone	ND		1250	1400		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1390		ug/L		111	71 - 125
Acetone	ND		1250	1260		ug/L		101	56 - 142
Benzene	ND		250	243		ug/L		97	71 - 124
Bromodichloromethane	ND		250	243		ug/L		97	80 - 122
Bromoform	ND		250	302		ug/L		121	61 - 132
Bromomethane	ND		250	219		ug/L		88	55 - 144
Carbon disulfide	ND		250	270		ug/L		108	59 - 134
Carbon tetrachloride	ND		250	266		ug/L		107	72 - 134
Chlorobenzene	ND		250	239		ug/L		95	80 - 120
Chloroethane	ND		250	252		ug/L		101	69 - 136
Chloroform	ND		250	241		ug/L		96	73 - 127
Chloromethane	ND		250	283		ug/L		113	68 - 124
cis-1,2-Dichloroethene	ND		250	235		ug/L		94	74 - 124
cis-1,3-Dichloropropene	ND		250	250		ug/L		100	74 - 124
Cyclohexane	ND		250	272		ug/L		109	59 - 135
Dibromochloromethane	ND		250	273		ug/L		109	75 - 125
Dichlorodifluoromethane	ND	F1 *	250	363	F1	ug/L		145	59 - 135
Ethylbenzene	ND		250	241		ug/L		96	77 - 123
Isopropylbenzene	ND		250	257		ug/L		103	77 - 122
Methyl acetate	ND		1250	1430		ug/L		114	74 - 133
Methyl tert-butyl ether	ND		250	262		ug/L		105	77 - 120
Methylcyclohexane	ND		250	250		ug/L		100	68 - 134
Methylene Chloride	19		250	302		ug/L		113	75 - 124
Styrene	ND		250	251		ug/L		100	80 - 120
Tetrachloroethene	ND		250	247		ug/L		99	74 - 122
Toluene	ND		250	245		ug/L		98	80 - 122
trans-1,2-Dichloroethene	ND		250	242		ug/L		97	73 - 127
trans-1,3-Dichloropropene	ND		250	248		ug/L		99	80 - 120
Trichloroethene	ND		250	243		ug/L		97	74 - 123
Trichlorofluoromethane	ND		250	274		ug/L		110	62 - 150
Vinyl chloride	ND		250	275		ug/L		110	65 - 133
Xylenes, Total	ND		500	476		ug/L		95	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

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

Lab Sample ID: 480-114013-2 MSD
Matrix: Ground Water
Analysis Batch: 345865

Client Sample ID: BCC Area C RFI-31_0217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	263		ug/L		105	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		250	279		ug/L		111	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	250		ug/L		100	61 - 148	1	20
1,1,2-Trichloroethane	ND		250	256		ug/L		103	76 - 122	3	15
1,1-Dichloroethane	ND		250	255		ug/L		102	77 - 120	2	20
1,1-Dichloroethene	ND		250	264		ug/L		106	66 - 127	3	16
1,2,4-Trichlorobenzene	29		250	267		ug/L		95	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		250	294		ug/L		117	56 - 134	9	15
1,2-Dibromoethane	ND		250	265		ug/L		106	77 - 120	1	15
1,2-Dichlorobenzene	ND		250	250		ug/L		100	80 - 124	1	20
1,2-Dichloroethane	ND		250	242		ug/L		97	75 - 120	0	20
1,2-Dichloropropane	ND		250	249		ug/L		99	76 - 120	5	20
1,3-Dichlorobenzene	78		250	311		ug/L		93	77 - 120	2	20
1,4-Dichlorobenzene	ND		250	253		ug/L		101	78 - 124	3	20
2-Butanone (MEK)	ND		1250	1310		ug/L		105	57 - 140	4	20
2-Hexanone	ND		1250	1370		ug/L		110	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1360		ug/L		109	71 - 125	2	35
Acetone	ND		1250	1180		ug/L		95	56 - 142	6	15
Benzene	ND		250	250		ug/L		100	71 - 124	3	13
Bromodichloromethane	ND		250	247		ug/L		99	80 - 122	2	15
Bromoform	ND		250	290		ug/L		116	61 - 132	4	15
Bromomethane	ND		250	234		ug/L		94	55 - 144	7	15
Carbon disulfide	ND		250	278		ug/L		111	59 - 134	3	15
Carbon tetrachloride	ND		250	274		ug/L		110	72 - 134	3	15
Chlorobenzene	ND		250	247		ug/L		99	80 - 120	3	25
Chloroethane	ND		250	262		ug/L		105	69 - 136	4	15
Chloroform	ND		250	241		ug/L		96	73 - 127	0	20
Chloromethane	ND		250	287		ug/L		115	68 - 124	1	15
cis-1,2-Dichloroethene	ND		250	242		ug/L		97	74 - 124	3	15
cis-1,3-Dichloropropene	ND		250	252		ug/L		101	74 - 124	1	15
Cyclohexane	ND		250	268		ug/L		107	59 - 135	2	20
Dibromochloromethane	ND		250	275		ug/L		110	75 - 125	1	15
Dichlorodifluoromethane	ND	F1 *	250	347	F1	ug/L		139	59 - 135	4	20
Ethylbenzene	ND		250	253		ug/L		101	77 - 123	5	15
Isopropylbenzene	ND		250	264		ug/L		105	77 - 122	2	20
Methyl acetate	ND		1250	1360		ug/L		109	74 - 133	5	20
Methyl tert-butyl ether	ND		250	260		ug/L		104	77 - 120	1	37
Methylcyclohexane	ND		250	248		ug/L		99	68 - 134	1	20
Methylene Chloride	19		250	295		ug/L		110	75 - 124	2	15
Styrene	ND		250	261		ug/L		104	80 - 120	4	20
Tetrachloroethene	ND		250	258		ug/L		103	74 - 122	4	20
Toluene	ND		250	255		ug/L		102	80 - 122	4	15
trans-1,2-Dichloroethene	ND		250	248		ug/L		99	73 - 127	2	20
trans-1,3-Dichloropropene	ND		250	255		ug/L		102	80 - 120	3	15
Trichloroethene	ND		250	247		ug/L		99	74 - 123	2	16
Trichlorofluoromethane	ND		250	291		ug/L		116	62 - 150	6	20
Vinyl chloride	ND		250	274		ug/L		110	65 - 133	0	15

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

Lab Sample ID: 480-114013-2 MSD
Matrix: Ground Water
Analysis Batch: 345865

Client Sample ID: BCC Area C RFI-31_0217
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		500	492		ug/L		98	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

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

Lab Sample ID: MB 480-345659/1-A
Matrix: Water
Analysis Batch: 345928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 345659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/01/17 07:36	03/02/17 13:13	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/01/17 07:36	03/02/17 13:13	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/01/17 07:36	03/02/17 13:13	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/01/17 07:36	03/02/17 13:13	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/01/17 07:36	03/02/17 13:13	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/01/17 07:36	03/02/17 13:13	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/01/17 07:36	03/02/17 13:13	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/01/17 07:36	03/02/17 13:13	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/01/17 07:36	03/02/17 13:13	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/01/17 07:36	03/02/17 13:13	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/01/17 07:36	03/02/17 13:13	1
2-Nitroaniline	ND		10	0.42	ug/L		03/01/17 07:36	03/02/17 13:13	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/01/17 07:36	03/02/17 13:13	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/01/17 07:36	03/02/17 13:13	1
3-Nitroaniline	ND		10	0.48	ug/L		03/01/17 07:36	03/02/17 13:13	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/01/17 07:36	03/02/17 13:13	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/01/17 07:36	03/02/17 13:13	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/01/17 07:36	03/02/17 13:13	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/01/17 07:36	03/02/17 13:13	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/01/17 07:36	03/02/17 13:13	1
4-Methylphenol	ND		10	0.36	ug/L		03/01/17 07:36	03/02/17 13:13	1
4-Nitroaniline	ND		10	0.25	ug/L		03/01/17 07:36	03/02/17 13:13	1
4-Nitrophenol	ND		10	1.5	ug/L		03/01/17 07:36	03/02/17 13:13	1
Acenaphthene	ND		5.0	0.41	ug/L		03/01/17 07:36	03/02/17 13:13	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/01/17 07:36	03/02/17 13:13	1
Acetophenone	ND		5.0	0.54	ug/L		03/01/17 07:36	03/02/17 13:13	1
Aniline	ND		10	0.61	ug/L		03/01/17 07:36	03/02/17 13:13	1
Anthracene	ND		5.0	0.28	ug/L		03/01/17 07:36	03/02/17 13:13	1
Atrazine	ND		5.0	0.46	ug/L		03/01/17 07:36	03/02/17 13:13	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/01/17 07:36	03/02/17 13:13	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/01/17 07:36	03/02/17 13:13	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/01/17 07:36	03/02/17 13:13	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/01/17 07:36	03/02/17 13:13	1

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

Lab Sample ID: MB 480-345659/1-A
Matrix: Water
Analysis Batch: 345928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 345659

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		03/01/17 07:36	03/02/17 13:13	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/01/17 07:36	03/02/17 13:13	1
Biphenyl	ND		5.0	0.65	ug/L		03/01/17 07:36	03/02/17 13:13	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/01/17 07:36	03/02/17 13:13	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/01/17 07:36	03/02/17 13:13	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/01/17 07:36	03/02/17 13:13	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/01/17 07:36	03/02/17 13:13	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/01/17 07:36	03/02/17 13:13	1
Caprolactam	ND		5.0	2.2	ug/L		03/01/17 07:36	03/02/17 13:13	1
Carbazole	ND		5.0	0.30	ug/L		03/01/17 07:36	03/02/17 13:13	1
Chrysene	ND		5.0	0.33	ug/L		03/01/17 07:36	03/02/17 13:13	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/01/17 07:36	03/02/17 13:13	1
Dibenzofuran	ND		10	0.51	ug/L		03/01/17 07:36	03/02/17 13:13	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/01/17 07:36	03/02/17 13:13	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/01/17 07:36	03/02/17 13:13	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/01/17 07:36	03/02/17 13:13	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/01/17 07:36	03/02/17 13:13	1
Fluoranthene	ND		5.0	0.40	ug/L		03/01/17 07:36	03/02/17 13:13	1
Fluorene	ND		5.0	0.36	ug/L		03/01/17 07:36	03/02/17 13:13	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/01/17 07:36	03/02/17 13:13	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/01/17 07:36	03/02/17 13:13	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/01/17 07:36	03/02/17 13:13	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/01/17 07:36	03/02/17 13:13	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/01/17 07:36	03/02/17 13:13	1
Isophorone	ND		5.0	0.43	ug/L		03/01/17 07:36	03/02/17 13:13	1
Naphthalene	ND		5.0	0.76	ug/L		03/01/17 07:36	03/02/17 13:13	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/01/17 07:36	03/02/17 13:13	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/01/17 07:36	03/02/17 13:13	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/01/17 07:36	03/02/17 13:13	1
Pentachlorophenol	ND		10	2.2	ug/L		03/01/17 07:36	03/02/17 13:13	1
Phenanthrene	ND		5.0	0.44	ug/L		03/01/17 07:36	03/02/17 13:13	1
Phenol	ND		5.0	0.39	ug/L		03/01/17 07:36	03/02/17 13:13	1
Pyrene	ND		5.0	0.34	ug/L		03/01/17 07:36	03/02/17 13:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*105*		*41 - 120*	*03/01/17 07:36*	*03/02/17 13:13*	*1*
2-Fluorobiphenyl	*94*		*48 - 120*	*03/01/17 07:36*	*03/02/17 13:13*	*1*
2-Fluorophenol	*64*		*35 - 120*	*03/01/17 07:36*	*03/02/17 13:13*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*03/01/17 07:36*	*03/02/17 13:13*	*1*
Phenol-d5	*47*		*22 - 120*	*03/01/17 07:36*	*03/02/17 13:13*	*1*
p-Terphenyl-d14	*107*		*59 - 136*	*03/01/17 07:36*	*03/02/17 13:13*	*1*

Lab Sample ID: LCS 480-345659/2-A
Matrix: Water
Analysis Batch: 345928

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	38.3		ug/L		120	65 - 126

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

Lab Sample ID: LCS 480-345659/2-A
Matrix: Water
Analysis Batch: 345928

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	32.0	36.5		ug/L		114	64 - 120
2,4-Dichlorophenol	32.0	30.6		ug/L		96	63 - 120
2,4-Dimethylphenol	32.0	30.9		ug/L		97	47 - 120
2,4-Dinitrophenol	64.0	71.7		ug/L		112	31 - 137
2,4-Dinitrotoluene	32.0	36.4		ug/L		114	69 - 120
2,6-Dinitrotoluene	32.0	35.2		ug/L		110	68 - 120
2-Chloronaphthalene	32.0	31.1		ug/L		97	58 - 120
2-Chlorophenol	32.0	27.0		ug/L		84	48 - 120
2-Methylnaphthalene	32.0	28.1		ug/L		88	59 - 120
2-Methylphenol	32.0	26.0		ug/L		81	39 - 120
2-Nitroaniline	32.0	34.0		ug/L		106	54 - 127
2-Nitrophenol	32.0	29.5		ug/L		92	52 - 125
3,3'-Dichlorobenzidine	64.0	76.8	E	ug/L		120	49 - 135
3-Nitroaniline	32.0	32.0		ug/L		100	51 - 120
4,6-Dinitro-2-methylphenol	64.0	62.8		ug/L		98	46 - 136
4-Bromophenyl phenyl ether	32.0	32.3		ug/L		101	65 - 120
4-Chloro-3-methylphenol	32.0	33.1		ug/L		104	61 - 123
4-Chloroaniline	32.0	26.9		ug/L		84	30 - 120
4-Chlorophenyl phenyl ether	32.0	35.2		ug/L		110	62 - 120
4-Methylphenol	32.0	25.8		ug/L		81	29 - 131
4-Nitroaniline	32.0	37.5		ug/L		117	65 - 120
4-Nitrophenol	64.0	76.8		ug/L		120	45 - 120
Acenaphthene	32.0	32.6		ug/L		102	60 - 120
Acenaphthylene	32.0	33.3		ug/L		104	63 - 120
Acetophenone	32.0	29.1		ug/L		91	45 - 120
Aniline	32.0	23.3		ug/L		73	12 - 120
Anthracene	32.0	31.5		ug/L		99	67 - 120
Atrazine	64.0	85.7	*	ug/L		134	71 - 130
Benzaldehyde	64.0	53.6		ug/L		84	10 - 140
Benzo(a)anthracene	32.0	34.3		ug/L		107	70 - 121
Benzo(a)pyrene	32.0	27.4		ug/L		86	60 - 123
Benzo(b)fluoranthene	32.0	30.5		ug/L		95	66 - 126
Benzo(g,h,i)perylene	32.0	32.4		ug/L		101	66 - 150
Benzo(k)fluoranthene	32.0	28.6		ug/L		89	65 - 124
Biphenyl	32.0	31.3		ug/L		98	59 - 120
bis (2-chloroisopropyl) ether	32.0	20.2		ug/L		63	21 - 136
Bis(2-chloroethoxy)methane	32.0	27.6		ug/L		86	50 - 128
Bis(2-chloroethyl)ether	32.0	25.5		ug/L		80	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.9		ug/L		103	63 - 139
Butyl benzyl phthalate	32.0	33.1		ug/L		103	70 - 129
Caprolactam	64.0	26.3		ug/L		41	22 - 120
Carbazole	32.0	32.4		ug/L		101	66 - 123
Chrysene	32.0	33.4		ug/L		104	69 - 120
Dibenz(a,h)anthracene	32.0	33.3		ug/L		104	65 - 135
Dibenzofuran	32.0	33.1		ug/L		103	66 - 120
Diethyl phthalate	32.0	38.0		ug/L		119	59 - 127
Dimethyl phthalate	32.0	37.4		ug/L		117	68 - 120
Di-n-butyl phthalate	32.0	33.5		ug/L		105	69 - 131

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

Lab Sample ID: LCS 480-345659/2-A
Matrix: Water
Analysis Batch: 345928

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	32.0	33.1		ug/L		103	63 - 140
Fluoranthene	32.0	33.6		ug/L		105	69 - 126
Fluorene	32.0	33.9		ug/L		106	66 - 120
Hexachlorobenzene	32.0	34.4		ug/L		108	61 - 120
Hexachlorobutadiene	32.0	27.5		ug/L		86	35 - 120
Hexachlorocyclopentadiene	32.0	25.8		ug/L		81	31 - 120
Hexachloroethane	32.0	23.1		ug/L		72	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	33.0		ug/L		103	69 - 146
Isophorone	32.0	30.3		ug/L		95	55 - 120
Naphthalene	32.0	26.8		ug/L		84	57 - 120
Nitrobenzene	32.0	28.2		ug/L		88	53 - 123
N-Nitrosodi-n-propylamine	32.0	27.5		ug/L		86	32 - 140
N-Nitrosodiphenylamine	32.0	29.7		ug/L		93	61 - 120
Pentachlorophenol	64.0	71.0		ug/L		111	29 - 136
Phenanthrene	32.0	30.1		ug/L		94	68 - 120
Phenol	32.0	17.3		ug/L		54	17 - 120
Pyrene	32.0	32.8		ug/L		102	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*118*		*41 - 120*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*69*		*35 - 120*
Nitrobenzene-d5	*88*		*46 - 120*
Phenol-d5	*54*		*22 - 120*
p-Terphenyl-d14	*103*		*59 - 136*

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345928

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		31.4	34.0		ug/L		108	65 - 126
2,4,6-Trichlorophenol	ND		31.4	31.9		ug/L		101	64 - 120
2,4-Dichlorophenol	ND		31.4	26.1		ug/L		83	48 - 132
2,4-Dimethylphenol	ND		31.4	26.4		ug/L		84	39 - 130
2,4-Dinitrophenol	ND		62.9	63.2		ug/L		100	21 - 150
2,4-Dinitrotoluene	ND		31.4	30.8		ug/L		98	54 - 138
2,6-Dinitrotoluene	ND		31.4	28.9		ug/L		92	17 - 150
2-Chloronaphthalene	ND		31.4	26.9		ug/L		86	52 - 124
2-Chlorophenol	ND		31.4	22.1		ug/L		70	48 - 120
2-Methylnaphthalene	ND		31.4	24.8		ug/L		79	34 - 140
2-Methylphenol	ND		31.4	21.2		ug/L		67	46 - 120
2-Nitroaniline	ND		31.4	30.7		ug/L		98	44 - 136
2-Nitrophenol	ND		31.4	24.7		ug/L		79	38 - 141
3,3'-Dichlorobenzidine	ND	F1 F2	62.9	3.46	J F1	ug/L		5	10 - 150
3-Nitroaniline	ND		31.4	17.1		ug/L		54	32 - 150
4,6-Dinitro-2-methylphenol	ND		62.9	56.4		ug/L		90	38 - 150
4-Bromophenyl phenyl ether	ND		31.4	26.3		ug/L		84	63 - 126

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

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345928

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	ND		31.4	29.6		ug/L		94	64 - 127
4-Chloroaniline	ND		31.4	12.9		ug/L		41	16 - 124
4-Chlorophenyl phenyl ether	ND		31.4	30.4		ug/L		97	61 - 120
4-Methylphenol	ND		31.4	21.3		ug/L		68	36 - 120
4-Nitroaniline	ND		31.4	24.5		ug/L		78	32 - 150
4-Nitrophenol	ND		62.9	54.3		ug/L		86	23 - 132
Acenaphthene	ND		31.4	28.2		ug/L		90	48 - 120
Acenaphthylene	ND		31.4	28.9		ug/L		92	63 - 120
Acetophenone	ND		31.4	23.8		ug/L		76	53 - 120
Aniline	ND		31.4	13.9		ug/L		44	32 - 120
Anthracene	ND		31.4	26.1		ug/L		83	65 - 122
Atrazine	ND	*	62.9	65.3		ug/L		104	50 - 150
Benzaldehyde	ND		62.9	38.8		ug/L		62	10 - 150
Benzo(a)anthracene	ND		31.4	26.5		ug/L		84	43 - 124
Benzo(a)pyrene	ND		31.4	18.7		ug/L		59	23 - 125
Benzo(b)fluoranthene	ND		31.4	18.9		ug/L		60	27 - 127
Benzo(g,h,i)perylene	ND		31.4	21.8		ug/L		69	16 - 147
Benzo(k)fluoranthene	ND		31.4	19.7		ug/L		63	20 - 124
Biphenyl	ND		31.4	27.0		ug/L		86	57 - 120
bis (2-chloroisopropyl) ether	ND		31.4	16.0		ug/L		51	28 - 121
Bis(2-chloroethoxy)methane	ND		31.4	22.9		ug/L		73	44 - 128
Bis(2-chloroethyl)ether	ND		31.4	21.4		ug/L		68	45 - 120
Bis(2-ethylhexyl) phthalate	ND		31.4	23.1		ug/L		73	16 - 150
Butyl benzyl phthalate	ND		31.4	29.0		ug/L		92	51 - 140
Caprolactam	ND		62.9	22.3		ug/L		36	10 - 120
Carbazole	ND		31.4	33.7		ug/L		107	16 - 148
Chrysene	ND		31.4	25.2		ug/L		80	44 - 122
Dibenz(a,h)anthracene	ND		31.4	22.1		ug/L		70	16 - 139
Dibenzofuran	ND		31.4	28.8		ug/L		92	60 - 120
Diethyl phthalate	ND		31.4	29.7		ug/L		95	53 - 133
Dimethyl phthalate	ND		31.4	28.2		ug/L		90	59 - 123
Di-n-butyl phthalate	ND		31.4	29.0		ug/L		92	65 - 129
Di-n-octyl phthalate	ND		31.4	23.6		ug/L		75	16 - 150
Fluoranthene	ND		31.4	30.7		ug/L		98	63 - 129
Fluorene	ND		31.4	29.9		ug/L		95	62 - 120
Hexachlorobenzene	ND		31.4	28.9		ug/L		92	57 - 121
Hexachlorobutadiene	ND		31.4	23.3		ug/L		74	37 - 120
Hexachlorocyclopentadiene	ND		31.4	28.3		ug/L		90	21 - 120
Hexachloroethane	ND		31.4	19.7		ug/L		63	16 - 130
Indeno(1,2,3-cd)pyrene	ND		31.4	22.3		ug/L		71	16 - 140
Isophorone	ND		31.4	25.8		ug/L		82	48 - 133
Naphthalene	ND		31.4	23.0		ug/L		73	45 - 120
Nitrobenzene	ND		31.4	23.1		ug/L		74	45 - 123
N-Nitrosodi-n-propylamine	ND		31.4	23.2		ug/L		74	49 - 120
N-Nitrosodiphenylamine	ND		31.4	24.5		ug/L		78	39 - 138
Pentachlorophenol	ND		62.9	71.9		ug/L		114	23 - 149
Phenanthrene	ND		31.4	25.9		ug/L		82	65 - 122
Phenol	ND		31.4	13.7		ug/L		43	16 - 120

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

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345928

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	ND		31.4	30.0		ug/L		96	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*41 - 120*
2-Fluorobiphenyl	*83*		*48 - 120*
2-Fluorophenol	*55*		*35 - 120*
Nitrobenzene-d5	*73*		*46 - 120*
Phenol-d5	*42*		*22 - 120*
p-Terphenyl-d14	*66*		*59 - 136*

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345928

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345659

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	39.7		ug/L		124	65 - 126	15	18
2,4,6-Trichlorophenol	ND		32.0	38.1		ug/L		119	64 - 120	18	19
2,4-Dichlorophenol	ND		32.0	29.9		ug/L		93	48 - 132	14	19
2,4-Dimethylphenol	ND		32.0	30.3		ug/L		95	39 - 130	14	42
2,4-Dinitrophenol	ND		64.0	68.3		ug/L		107	21 - 150	8	22
2,4-Dinitrotoluene	ND		32.0	36.9		ug/L		115	54 - 138	18	20
2,6-Dinitrotoluene	ND		32.0	32.0		ug/L		100	17 - 150	10	15
2-Chloronaphthalene	ND		32.0	31.6		ug/L		99	52 - 124	16	21
2-Chlorophenol	ND		32.0	26.1		ug/L		81	48 - 120	16	25
2-Methylnaphthalene	ND		32.0	28.2		ug/L		88	34 - 140	13	21
2-Methylphenol	ND		32.0	25.5		ug/L		80	46 - 120	18	27
2-Nitroaniline	ND		32.0	34.9		ug/L		109	44 - 136	13	15
2-Nitrophenol	ND		32.0	28.8		ug/L		90	38 - 141	15	18
3,3'-Dichlorobenzidine	ND	F1 F2	64.0	9.10	F2	ug/L		14	10 - 150	90	25
3-Nitroaniline	ND		32.0	18.6		ug/L		58	32 - 150	9	19
4,6-Dinitro-2-methylphenol	ND		64.0	59.1		ug/L		92	38 - 150	5	15
4-Bromophenyl phenyl ether	ND		32.0	29.4		ug/L		92	63 - 126	11	15
4-Chloro-3-methylphenol	ND		32.0	32.8		ug/L		103	64 - 127	10	27
4-Chloroaniline	ND		32.0	15.0		ug/L		47	16 - 124	15	22
4-Chlorophenyl phenyl ether	ND		32.0	35.8		ug/L		112	61 - 120	16	16
4-Methylphenol	ND		32.0	24.8		ug/L		77	36 - 120	15	24
4-Nitroaniline	ND		32.0	25.0		ug/L		78	32 - 150	2	24
4-Nitrophenol	ND		64.0	58.9		ug/L		92	23 - 132	8	48
Acenaphthene	ND		32.0	33.3		ug/L		104	48 - 120	16	24
Acenaphthylene	ND		32.0	33.8		ug/L		106	63 - 120	16	18
Acetophenone	ND		32.0	28.2		ug/L		88	53 - 120	17	20
Aniline	ND		32.0	18.2		ug/L		57	32 - 120	26	30
Anthracene	ND		32.0	28.5		ug/L		89	65 - 122	9	15
Atrazine	ND	*	64.0	73.7		ug/L		115	50 - 150	12	20
Benzaldehyde	ND		64.0	45.9		ug/L		72	10 - 150	17	20
Benzo(a)anthracene	ND		32.0	29.0		ug/L		91	43 - 124	9	15
Benzo(a)pyrene	ND		32.0	20.9		ug/L		65	23 - 125	11	15
Benzo(b)fluoranthene	ND		32.0	21.4		ug/L		67	27 - 127	13	15

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

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345928

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345659

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		32.0	23.8		ug/L		74	16 - 147	9	15
Benzo(k)fluoranthene	ND		32.0	21.1		ug/L		66	20 - 124	7	22
Biphenyl	ND		32.0	31.7		ug/L		99	57 - 120	16	20
bis (2-chloroisopropyl) ether	ND		32.0	19.1		ug/L		60	28 - 121	18	24
Bis(2-chloroethoxy)methane	ND		32.0	25.9		ug/L		81	44 - 128	12	17
Bis(2-chloroethyl)ether	ND		32.0	25.4		ug/L		79	45 - 120	17	21
Bis(2-ethylhexyl) phthalate	ND		32.0	25.5		ug/L		80	16 - 150	10	15
Butyl benzyl phthalate	ND		32.0	32.1		ug/L		100	51 - 140	10	16
Caprolactam	ND		64.0	23.3		ug/L		36	10 - 120	4	20
Carbazole	ND		32.0	37.0		ug/L		116	16 - 148	9	20
Chrysene	ND		32.0	26.8		ug/L		84	44 - 122	6	15
Dibenz(a,h)anthracene	ND		32.0	24.6		ug/L		77	16 - 139	11	15
Dibenzofuran	ND		32.0	33.6		ug/L		105	60 - 120	15	15
Diethyl phthalate	ND		32.0	33.7		ug/L		105	53 - 133	12	15
Dimethyl phthalate	ND		32.0	31.7		ug/L		99	59 - 123	12	15
Di-n-butyl phthalate	ND		32.0	31.9		ug/L		100	65 - 129	9	15
Di-n-octyl phthalate	ND		32.0	26.5		ug/L		83	16 - 150	12	16
Fluoranthene	ND		32.0	33.0		ug/L		103	63 - 129	7	15
Fluorene	ND		32.0	31.0		ug/L		97	62 - 120	4	15
Hexachlorobenzene	ND		32.0	32.2		ug/L		101	57 - 121	11	15
Hexachlorobutadiene	ND		32.0	27.1		ug/L		85	37 - 120	15	44
Hexachlorocyclopentadiene	ND		32.0	33.9		ug/L		106	21 - 120	18	49
Hexachloroethane	ND		32.0	23.6		ug/L		74	16 - 130	18	46
Indeno(1,2,3-cd)pyrene	ND		32.0	24.6		ug/L		77	16 - 140	10	15
Isophorone	ND		32.0	29.8		ug/L		93	48 - 133	14	17
Naphthalene	ND		32.0	26.3		ug/L		82	45 - 120	14	29
Nitrobenzene	ND		32.0	26.9		ug/L		84	45 - 123	15	24
N-Nitrosodi-n-propylamine	ND		32.0	27.4		ug/L		86	49 - 120	17	31
N-Nitrosodiphenylamine	ND		32.0	27.3		ug/L		85	39 - 138	11	15
Pentachlorophenol	ND		64.0	82.3		ug/L		129	23 - 149	13	37
Phenanthrene	ND		32.0	28.3		ug/L		89	65 - 122	9	15
Phenol	ND		32.0	16.1		ug/L		50	16 - 120	16	34
Pyrene	ND		32.0	32.8		ug/L		102	58 - 128	9	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*41 - 120*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol	*63*		*35 - 120*
Nitrobenzene-d5	*82*		*46 - 120*
Phenol-d5	*51*		*22 - 120*
p-Terphenyl-d14	*71*		*59 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-345672/1-A
Matrix: Water
Analysis Batch: 345896

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 345672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/01/17 09:11	03/01/17 18:20	1
Antimony	ND		0.020	0.0068	mg/L		03/01/17 09:11	03/01/17 18:20	1
Arsenic	ND		0.015	0.0056	mg/L		03/01/17 09:11	03/01/17 18:20	1
Barium	ND		0.0020	0.00070	mg/L		03/01/17 09:11	03/01/17 18:20	1
Beryllium	ND		0.0020	0.00030	mg/L		03/01/17 09:11	03/01/17 18:20	1
Cadmium	ND		0.0020	0.00050	mg/L		03/01/17 09:11	03/01/17 18:20	1
Calcium	ND		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:20	1
Chromium	ND		0.0040	0.0010	mg/L		03/01/17 09:11	03/01/17 18:20	1
Cobalt	ND		0.0040	0.00063	mg/L		03/01/17 09:11	03/01/17 18:20	1
Copper	ND		0.010	0.0016	mg/L		03/01/17 09:11	03/01/17 18:20	1
Iron	ND		0.050	0.019	mg/L		03/01/17 09:11	03/01/17 18:20	1
Lead	ND		0.010	0.0030	mg/L		03/01/17 09:11	03/01/17 18:20	1
Magnesium	ND		0.20	0.043	mg/L		03/01/17 09:11	03/01/17 18:20	1
Manganese	ND		0.0030	0.00040	mg/L		03/01/17 09:11	03/01/17 18:20	1
Nickel	ND		0.010	0.0013	mg/L		03/01/17 09:11	03/01/17 18:20	1
Potassium	ND		0.50	0.10	mg/L		03/01/17 09:11	03/01/17 18:20	1
Selenium	ND		0.025	0.0087	mg/L		03/01/17 09:11	03/01/17 18:20	1
Silver	ND		0.0060	0.0017	mg/L		03/01/17 09:11	03/01/17 18:20	1
Sodium	ND		1.0	0.32	mg/L		03/01/17 09:11	03/01/17 18:20	1
Thallium	ND		0.020	0.010	mg/L		03/01/17 09:11	03/01/17 18:20	1
Vanadium	ND		0.0050	0.0015	mg/L		03/01/17 09:11	03/01/17 18:20	1
Zinc	ND		0.010	0.0015	mg/L		03/01/17 09:11	03/01/17 18:20	1

Lab Sample ID: LCS 480-345672/2-A
Matrix: Water
Analysis Batch: 345896

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.77		mg/L		98	80 - 120
Antimony	0.200	0.197		mg/L		99	80 - 120
Arsenic	0.200	0.197		mg/L		99	80 - 120
Barium	0.200	0.202		mg/L		101	80 - 120
Beryllium	0.200	0.205		mg/L		103	80 - 120
Cadmium	0.200	0.201		mg/L		101	80 - 120
Calcium	10.0	9.62		mg/L		96	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.200	0.192		mg/L		96	80 - 120
Copper	0.200	0.203		mg/L		102	80 - 120
Iron	10.0	10.26		mg/L		103	80 - 120
Lead	0.200	0.199		mg/L		100	80 - 120
Magnesium	10.0	10.08		mg/L		101	80 - 120
Manganese	0.200	0.203		mg/L		101	80 - 120
Nickel	0.200	0.190		mg/L		95	80 - 120
Potassium	10.0	9.96		mg/L		100	80 - 120
Selenium	0.200	0.199		mg/L		99	80 - 120
Silver	0.0500	0.0484		mg/L		97	80 - 120
Sodium	10.0	9.73		mg/L		97	80 - 120
Thallium	0.200	0.196		mg/L		98	80 - 120

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

Lab Sample ID: LCS 480-345672/2-A
Matrix: Water
Analysis Batch: 345896

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.200	0.197		mg/L		98	80 - 120
Zinc	0.200	0.201		mg/L		100	80 - 120

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345896

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	9.86		mg/L		99	75 - 125
Antimony	ND		0.200	0.203		mg/L		101	75 - 125
Barium	0.0086		0.200	0.205		mg/L		98	75 - 125
Beryllium	ND		0.200	0.204		mg/L		102	75 - 125
Cadmium	ND		0.200	0.204		mg/L		102	75 - 125
Calcium	227		10.0	240.5	4	mg/L		137	75 - 125
Chromium	ND		0.200	0.195		mg/L		97	75 - 125
Cobalt	ND		0.200	0.198		mg/L		99	75 - 125
Copper	0.0026	J	0.200	0.200		mg/L		99	75 - 125
Iron	48.1		10.0	59.05	4	mg/L		110	75 - 125
Lead	0.0058	J	0.200	0.208		mg/L		101	75 - 125
Magnesium	13.8		10.0	23.39		mg/L		95	75 - 125
Manganese	0.22		0.200	0.410		mg/L		97	75 - 125
Nickel	ND		0.200	0.195		mg/L		98	75 - 125
Potassium	59.8		10.0	70.82	4	mg/L		110	75 - 125
Selenium	ND		0.200	0.193		mg/L		97	75 - 125
Silver	ND		0.0500	0.0496		mg/L		99	75 - 125
Sodium	59.6		10.0	70.38	4	mg/L		108	75 - 125
Thallium	ND		0.200	0.189		mg/L		95	75 - 125
Vanadium	ND		0.200	0.200		mg/L		100	75 - 125
Zinc	0.0084	J	0.200	0.204		mg/L		98	75 - 125

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345955

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.082		0.200	0.288		mg/L		103	75 - 125

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345896

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.87		mg/L		99	75 - 125	0	20
Antimony	ND		0.200	0.206		mg/L		103	75 - 125	2	20
Barium	0.0086		0.200	0.207		mg/L		99	75 - 125	1	20
Beryllium	ND		0.200	0.207		mg/L		103	75 - 125	1	20
Cadmium	ND		0.200	0.207		mg/L		103	75 - 125	1	20
Calcium	227		10.0	239.4	4	mg/L		125	75 - 125	0	20
Chromium	ND		0.200	0.197		mg/L		98	75 - 125	1	20

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

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345896

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	ND		0.200	0.200		mg/L		100	75 - 125	1	20
Copper	0.0026	J	0.200	0.201		mg/L		99	75 - 125	0	20
Iron	48.1		10.0	59.06	4	mg/L		110	75 - 125	0	20
Lead	0.0058	J	0.200	0.212		mg/L		103	75 - 125	2	20
Magnesium	13.8		10.0	23.48		mg/L		96	75 - 125	0	20
Manganese	0.22		0.200	0.412		mg/L		98	75 - 125	1	20
Nickel	ND		0.200	0.197		mg/L		99	75 - 125	1	20
Potassium	59.8		10.0	70.72	4	mg/L		109	75 - 125	0	20
Selenium	ND		0.200	0.202		mg/L		101	75 - 125	4	20
Silver	ND		0.0500	0.0482		mg/L		96	75 - 125	3	20
Sodium	59.6		10.0	70.72	4	mg/L		111	75 - 125	0	20
Thallium	ND		0.200	0.191		mg/L		95	75 - 125	1	20
Vanadium	ND		0.200	0.201		mg/L		101	75 - 125	1	20
Zinc	0.0084	J	0.200	0.205		mg/L		98	75 - 125	0	20

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345955

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.082		0.200	0.295		mg/L		106	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-345662/1-A
Matrix: Water
Analysis Batch: 345771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 345662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/17 08:15	03/01/17 12:10	1

Lab Sample ID: LCS 480-345662/2-A
Matrix: Water
Analysis Batch: 345771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00693		mg/L		104	80 - 120

Lab Sample ID: 480-114013-7 MS
Matrix: Ground Water
Analysis Batch: 345771

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00717		mg/L		107	80 - 120

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

Lab Sample ID: 480-114013-7 MSD
Matrix: Ground Water
Analysis Batch: 345771

Client Sample ID: BCC Area C PS-06_0217
Prep Type: Total/NA
Prep Batch: 345662

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00708		mg/L		106	80 - 120	1	20

Lab Sample ID: MB 480-345849/1-A
Matrix: Water
Analysis Batch: 345942

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 345849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/02/17 08:15	03/02/17 11:54	1

Lab Sample ID: LCS 480-345849/2-A
Matrix: Water
Analysis Batch: 345942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345849

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00715		mg/L		107	80 - 120

GC/MS VOA

Analysis Batch: 345622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-5	BCC Area C RFI-20_0217	Total/NA	Ground Water	8260C	
480-114013-6	BCC Area C PS-05A_0217	Total/NA	Ground Water	8260C	
MB 480-345622/8	Method Blank	Total/NA	Water	8260C	
LCS 480-345622/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-345622/10	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 345666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	8260C	
MB 480-345666/7	Method Blank	Total/NA	Water	8260C	
LCS 480-345666/5	Lab Control Sample	Total/NA	Water	8260C	
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	8260C	
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	8260C	

Analysis Batch: 345693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-1	BCC Area C MW-C01_0217	Total/NA	Ground Water	8260C	
480-114013-3	BCC Area C PS-04_0217	Total/NA	Ground Water	8260C	
480-114013-4	BCC Area C MW-C04_0217	Total/NA	Ground Water	8260C	
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	8260C	
480-114013-9	TRIP BLANK	Total/NA	Water	8260C	
MB 480-345693/6	Method Blank	Total/NA	Water	8260C	
LCS 480-345693/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 345865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-2	BCC Area C RFI-31_0217	Total/NA	Ground Water	8260C	
MB 480-345865/5	Method Blank	Total/NA	Water	8260C	
LCS 480-345865/3	Lab Control Sample	Total/NA	Water	8260C	
480-114013-2 MS	BCC Area C RFI-31_0217	Total/NA	Ground Water	8260C	
480-114013-2 MSD	BCC Area C RFI-31_0217	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 345659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-1	BCC Area C MW-C01_0217	Total/NA	Ground Water	3510C	
480-114013-2	BCC Area C RFI-31_0217	Total/NA	Ground Water	3510C	
480-114013-3	BCC Area C PS-04_0217	Total/NA	Ground Water	3510C	
480-114013-4	BCC Area C MW-C04_0217	Total/NA	Ground Water	3510C	
480-114013-5	BCC Area C RFI-20_0217	Total/NA	Ground Water	3510C	
480-114013-6	BCC Area C PS-05A_0217	Total/NA	Ground Water	3510C	
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	3510C	
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	3510C	
MB 480-345659/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-345659/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	3510C	
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	3510C	

GC/MS Semi VOA (Continued)

Analysis Batch: 345928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-1	BCC Area C MW-C01_0217	Total/NA	Ground Water	8270D	345659
480-114013-2	BCC Area C RFI-31_0217	Total/NA	Ground Water	8270D	345659
480-114013-3	BCC Area C PS-04_0217	Total/NA	Ground Water	8270D	345659
480-114013-4	BCC Area C MW-C04_0217	Total/NA	Ground Water	8270D	345659
480-114013-5	BCC Area C RFI-20_0217	Total/NA	Ground Water	8270D	345659
480-114013-6	BCC Area C PS-05A_0217	Total/NA	Ground Water	8270D	345659
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	8270D	345659
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	8270D	345659
MB 480-345659/1-A	Method Blank	Total/NA	Water	8270D	345659
LCS 480-345659/2-A	Lab Control Sample	Total/NA	Water	8270D	345659
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	8270D	345659
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	8270D	345659

Metals

Prep Batch: 345662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-1	BCC Area C MW-C01_0217	Total/NA	Ground Water	7470A	
480-114013-2	BCC Area C RFI-31_0217	Total/NA	Ground Water	7470A	
480-114013-3	BCC Area C PS-04_0217	Total/NA	Ground Water	7470A	
480-114013-4	BCC Area C MW-C04_0217	Total/NA	Ground Water	7470A	
480-114013-5	BCC Area C RFI-20_0217	Total/NA	Ground Water	7470A	
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	7470A	
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	7470A	
480-114013-10	BCC Area C_PS-05AF_0217	Total/NA	Water	7470A	
MB 480-345662/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-345662/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	7470A	
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	7470A	

Prep Batch: 345672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-1	BCC Area C MW-C01_0217	Total/NA	Ground Water	3005A	
480-114013-2	BCC Area C RFI-31_0217	Total/NA	Ground Water	3005A	
480-114013-3	BCC Area C PS-04_0217	Total/NA	Ground Water	3005A	
480-114013-4	BCC Area C MW-C04_0217	Total/NA	Ground Water	3005A	
480-114013-5	BCC Area C RFI-20_0217	Total/NA	Ground Water	3005A	
480-114013-6	BCC Area C PS-05A_0217	Total/NA	Ground Water	3005A	
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	3005A	
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	3005A	
480-114013-10	BCC Area C_PS-05AF_0217	Total/NA	Water	3005A	
MB 480-345672/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-345672/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	3005A	
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	3005A	

Analysis Batch: 345771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-1	BCC Area C MW-C01_0217	Total/NA	Ground Water	7470A	345662
480-114013-2	BCC Area C RFI-31_0217	Total/NA	Ground Water	7470A	345662

Metals (Continued)

Analysis Batch: 345771 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-3	BCC Area C PS-04_0217	Total/NA	Ground Water	7470A	345662
480-114013-4	BCC Area C MW-C04_0217	Total/NA	Ground Water	7470A	345662
480-114013-5	BCC Area C RFI-20_0217	Total/NA	Ground Water	7470A	345662
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	7470A	345662
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	7470A	345662
480-114013-10	BCC Area C_PS-05AF_0217	Total/NA	Water	7470A	345662
MB 480-345662/1-A	Method Blank	Total/NA	Water	7470A	345662
LCS 480-345662/2-A	Lab Control Sample	Total/NA	Water	7470A	345662
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	7470A	345662
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	7470A	345662

Prep Batch: 345849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-6	BCC Area C PS-05A_0217	Total/NA	Ground Water	7470A	
MB 480-345849/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-345849/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 345896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-1	BCC Area C MW-C01_0217	Total/NA	Ground Water	6010C	345672
480-114013-2	BCC Area C RFI-31_0217	Total/NA	Ground Water	6010C	345672
480-114013-3	BCC Area C PS-04_0217	Total/NA	Ground Water	6010C	345672
480-114013-4	BCC Area C MW-C04_0217	Total/NA	Ground Water	6010C	345672
480-114013-5	BCC Area C RFI-20_0217	Total/NA	Ground Water	6010C	345672
480-114013-6	BCC Area C PS-05A_0217	Total/NA	Ground Water	6010C	345672
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	6010C	345672
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	6010C	345672
480-114013-10	BCC Area C_PS-05AF_0217	Total/NA	Water	6010C	345672
MB 480-345672/1-A	Method Blank	Total/NA	Water	6010C	345672
LCS 480-345672/2-A	Lab Control Sample	Total/NA	Water	6010C	345672
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	6010C	345672
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	6010C	345672

Analysis Batch: 345942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-6	BCC Area C PS-05A_0217	Total/NA	Ground Water	7470A	345849
MB 480-345849/1-A	Method Blank	Total/NA	Water	7470A	345849
LCS 480-345849/2-A	Lab Control Sample	Total/NA	Water	7470A	345849

Analysis Batch: 345955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-114013-7	BCC Area C PS-06_0217	Total/NA	Ground Water	6010C	345672
480-114013-8	BCC Area C_PS-06 D_0217	Total/NA	Ground Water	6010C	345672
480-114013-10	BCC Area C_PS-05AF_0217	Total/NA	Water	6010C	345672
480-114013-7 MS	BCC Area C PS-06_0217	Total/NA	Ground Water	6010C	345672
480-114013-7 MSD	BCC Area C PS-06_0217	Total/NA	Ground Water	6010C	345672

Client Sample ID: BCC Area C MW-C01_0217

Lab Sample ID: 480-114013-1

Date Collected: 02/28/17 08:40

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	345693	03/01/17 15:46	NEA	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 15:06	PJQ	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 18:37	AMH	TAL BUF
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:18	RMZ	TAL BUF

Client Sample ID: BCC Area C RFI-31_0217

Lab Sample ID: 480-114013-2

Date Collected: 02/28/17 09:35

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	345865	03/02/17 11:13	NEA	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 15:35	PJQ	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 18:40	AMH	TAL BUF
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:20	RMZ	TAL BUF

Client Sample ID: BCC Area C PS-04_0217

Lab Sample ID: 480-114013-3

Date Collected: 02/28/17 10:55

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	345693	03/01/17 16:32	NEA	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 16:03	PJQ	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 18:44	AMH	TAL BUF
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:22	RMZ	TAL BUF

Client Sample ID: BCC Area C MW-C04_0217

Lab Sample ID: 480-114013-4

Date Collected: 02/28/17 11:50

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	345693	03/01/17 16:55	NEA	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 16:32	PJQ	TAL BUF

Client Sample ID: BCC Area C MW-C04_0217

Lab Sample ID: 480-114013-4

Date Collected: 02/28/17 11:50

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 18:51	AMH	TAL BUF
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:24	RMZ	TAL BUF

Client Sample ID: BCC Area C RFI-20_0217

Lab Sample ID: 480-114013-5

Date Collected: 02/27/17 14:30

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	345622	03/01/17 01:40	GTG	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 17:00	PJQ	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 18:54	AMH	TAL BUF
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:26	RMZ	TAL BUF

Client Sample ID: BCC Area C PS-05A_0217

Lab Sample ID: 480-114013-6

Date Collected: 02/27/17 13:25

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	345622	03/01/17 02:04	GTG	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 17:28	PJQ	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 18:58	AMH	TAL BUF
Total/NA	Prep	7470A			345849	03/02/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345942	03/02/17 12:36	RMZ	TAL BUF

Client Sample ID: BCC Area C PS-06_0217

Lab Sample ID: 480-114013-7

Date Collected: 02/27/17 11:25

Matrix: Ground Water

Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	345666	03/01/17 12:07	ARS	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 17:56	PJQ	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 19:01	AMH	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345955	03/02/17 11:04	AMH	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Client Sample ID: BCC Area C PS-06_0217

Lab Sample ID: 480-114013-7

Date Collected: 02/27/17 11:25
Matrix: Ground Water
Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:33	RMZ	TAL BUF

Client Sample ID: BCC Area C_PS-06 D_0217

Lab Sample ID: 480-114013-8

Date Collected: 02/27/17 11:40
Matrix: Ground Water
Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	345693	03/01/17 17:18	NEA	TAL BUF
Total/NA	Prep	3510C			345659	03/01/17 07:36	CPH	TAL BUF
Total/NA	Analysis	8270D		1	345928	03/02/17 18:25	PJQ	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 19:28	AMH	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345955	03/02/17 11:31	AMH	TAL BUF
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:41	RMZ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-114013-9

Date Collected: 02/28/17 00:00
Matrix: Water
Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	345693	03/01/17 17:41	NEA	TAL BUF

Client Sample ID: BCC Area C_PS-05AF_0217

Lab Sample ID: 480-114013-10

Date Collected: 02/27/17 13:40
Matrix: Water
Date Received: 02/28/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345896	03/01/17 19:32	AMH	TAL BUF
Total/NA	Prep	3005A			345672	03/01/17 09:11	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	345955	03/02/17 11:34	AMH	TAL BUF
Total/NA	Prep	7470A			345662	03/01/17 08:15	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	345771	03/01/17 12:43	RMZ	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: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

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 *

* Certification renewal pending - certification considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

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: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-114013-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-114013-1	BCC Area C MW-C01_0217	Ground Water	02/28/17 08:40	02/28/17 15:45
480-114013-2	BCC Area C RFI-31_0217	Ground Water	02/28/17 09:35	02/28/17 15:45
480-114013-3	BCC Area C PS-04_0217	Ground Water	02/28/17 10:55	02/28/17 15:45
480-114013-4	BCC Area C MW-C04_0217	Ground Water	02/28/17 11:50	02/28/17 15:45
480-114013-5	BCC Area C RFI-20_0217	Ground Water	02/27/17 14:30	02/28/17 15:45
480-114013-6	BCC Area C PS-05A_0217	Ground Water	02/27/17 13:25	02/28/17 15:45
480-114013-7	BCC Area C PS-06_0217	Ground Water	02/27/17 11:25	02/28/17 15:45
480-114013-8	BCC Area C_PS-06 D_0217	Ground Water	02/27/17 11:40	02/28/17 15:45
480-114013-9	TRIP BLANK	Water	02/28/17 00:00	02/28/17 15:45
480-114013-10	BCC Area C_PS-05AF_0217	Water	02/27/17 13:40	02/28/17 15:45

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 2-28-17	COC No: 188469.0217
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			SDG No.
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# [redacted] 59098	[ ] 1 day			480-114013 COC

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area C_MW-C01_ 0217	2/28-17	0840	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_ 0217	2/28-17	0935	G	W	6	N	3	1	2	
BCC_Area C_PS-04_ 0217	2/28-17	1055	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_ 0217	2/28-17	1150	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_ 0217	2/27-17	1430	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_ 0217	2/27-17	1325	G	W	6	N	3	1	2	
BCC_Area C_PS-06_ 0217	2/27-17	1125	G	W	6	N	3	1	2	
BCC_Area C_PS06 D_0217	2/27-17	1140	G	W	6	N	3	1	2	
BCC_Area C_PS06 MS_0217	2/27-17	1155	G	W	6	N	3	1	2	
BCC_Area C_PS06 MSD_0217	2/27-17	1215	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
BCC_AreaC_PS-05AF_0217			F	W	1			1		
Container Volume (ml)							40	250	1000 4250	
							2-V	4-P	1-A	

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

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	2-28-17 1545	[signature]	TA Buf.	2/28/17 1545
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

FJ 9.1°C

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-114013-1

Login Number: 114013

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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

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ANALYTICAL REPORT

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

TestAmerica Job ID: 480-119426-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
6/27/2017 3:47:48 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Definitions/Glossary

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

TestAmerica Job ID: 480-119426-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
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
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
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.
¤	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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-119426-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-119426-1

Comments
No additional comments.

Receipt
The samples were received on 6/13/2017 3:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.8º C and 3.3º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362016 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area C PS-06-0617 (480-119426-7).

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area C PS-06-0617 (480-119426-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362625 recovered outside acceptance criteria, low biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: BCC Area C MW-C01-0617 (480-119426-1) and BCC Area C PS-04-0617 (480-119426-3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362625 recovered above the upper control limit for Carbon tetrachloride, Dichlorobromomethane, 1,2-Dichloroethane and 1,1,1-Trichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples is/are impacted: BCC Area C MW-C01-0617 (480-119426-1) and BCC Area C PS-04-0617 (480-119426-3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362625 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples is impacted: BCC Area C MW-C01-0617 (480-119426-1) and BCC Area C PS-04-0617 (480-119426-3).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-362625 recovered outside control limits for the following analytes: Carbon tetrachloride, Dichlorobromomethane, 1,1,1-Trichloroethane and 1,2-Dichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C01-0617 (480-119426-1) and BCC Area C PS-04-0617 (480-119426-3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362694 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C04-0617 (480-119426-4), BCC Area C RFI-20-0617 (480-119426-5), BCC Area C PS-05A-0617 (480-119426-6) and TRIP BLANK (480-119426-9).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362694 recovered outside acceptance criteria, low biased, for Isopropylbenzene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: BCC Area C MW-C04-0617 (480-119426-4), BCC Area C RFI-20-0617 (480-119426-5), BCC Area C PS-05A-0617 (480-119426-6) and TRIP BLANK (480-119426-9).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C MW-C04-0617 (480-119426-4) and BCC Area C PS-05A-0617 (480-119426-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362830 recovered above the upper control limit for Carbon tetrachloride, 1,1,1-Trichloroethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area C MW-C01-D-0617

Job ID: 480-119426-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

(480-119426-8).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-362830 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. The following sample is impacted: BCC Area C MW-C01-D-0617 (480-119426-8).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-363038 recovered outside control limits for the following analytes: Carbon tetrachloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: BCC Area C RFI-31-0617 (480-119426-2).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C RFI-31-0617 (480-119426-2), (480-119426-F-2 MS) and (480-119426-F-2 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-363038 recovered above the upper control limit for Dibromochloromethane, Carbon tetrachloride, 1,1,1-Trichloroethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area C RFI-31-0617 (480-119426-2).

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: Due to an increase in the spiking concentration required for other analytes of interest, the following compounds have been elevated to a level at the upper range of the initial calibration: 3,3'-Dichlorobenzidine. The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) recovered within acceptable limits for these analytes and have been qualified with an "E" flag. (LCS 480-362656/2-A)

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area C RFI-31-0617 (480-119426-2). 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.

Metals

Method(s) 6010C: The following samples were diluted due to the presence of Total Sulfur which interferes with Lead: BCC Area C MW-C01-0617 (480-119426-1), BCC Area C MW-C01-MS-0617 (480-119426-1[MS]), BCC Area C MW-C01-MSD-0617 (480-119426-1[MSD]), BCC Area C RFI-31-0617 (480-119426-2), BCC Area C PS-04-0617 (480-119426-3), BCC Area C MW-C04-0617 (480-119426-4), BCC Area C RFI-20-0617 (480-119426-5), BCC Area C PS-05A-0617 (480-119426-6), BCC Area C PS-06-0617 (480-119426-7), BCC Area C MW-C01-D-0617 (480-119426-8), (480-119426-C-1-D PDS) and (480-119426-C-1-D SD). 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 C Wells

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C01-0617 — Lab Sample ID: 480-119426-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.60		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	146		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0046		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0085	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.88		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.018	J	0.020	0.0060	mg/L	2		6010C	Total/NA
Magnesium	20.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.030		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0032	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	49.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	273		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	0.051		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31-0617 — Lab Sample ID: 480-119426-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	140	F1	8.0	3.3	ug/L	8		8260C	Total/NA
1,2-Dichlorobenzene	9.9		8.0	6.3	ug/L	8		8260C	Total/NA
1,3-Dichlorobenzene	220	F1	8.0	6.2	ug/L	8		8260C	Total/NA
1,4-Dichlorobenzene	18		8.0	6.7	ug/L	8		8260C	Total/NA
Chlorobenzene	55		8.0	6.0	ug/L	8		8260C	Total/NA
2,4-Dichlorophenol	0.90	J	5.0	0.51	ug/L	1		8270D	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	445		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0031	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	3.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	161		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0050	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	13.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2220		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-04-0617 — Lab Sample ID: 480-119426-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.50		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.042		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0067		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	250		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0018	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.033		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.055		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.5		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0073	J	0.020	0.0060	mg/L	2		6010C	Total/NA
Magnesium	36.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.28		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.095		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.5		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-04-0617 (Continued) — Lab Sample ID: 480-119426-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	22.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0019	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.46		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00017	J	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C MW-C04-0617 — Lab Sample ID: 480-119426-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	14		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	25		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	230		10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	0.76	J	5.0	0.53	ug/L	1		8270D	Total/NA
Naphthalene	3.4	J	5.0	0.76	ug/L	1		8270D	Total/NA
Barium	0.23		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	266		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0035	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	12.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0080	J	0.020	0.0060	mg/L	2		6010C	Total/NA
Magnesium	35.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.3		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	9.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	38.5		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 C RFI-20-0617 — Lab Sample ID: 480-119426-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	22		1.0	0.75	ug/L	1		8260C	Total/NA
Barium	0.061		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	214		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.00097	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	7.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	29.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.60		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.027		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	29.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0043	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A-0617 — Lab Sample ID: 480-119426-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	260		5.0	3.8	ug/L	5		8260C	Total/NA
2-Chlorophenol	2.9	J	5.0	0.53	ug/L	1		8270D	Total/NA
Arsenic	0.24		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.043		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	306		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	52.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	27.5		0.20	0.043	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-05A-0617 (Continued) — Lab Sample ID: 480-119426-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.62		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	14.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	89.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0041	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06-0617 — Lab Sample ID: 480-119426-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2	J	2.0	0.76	ug/L	2		8260C	Total/NA
Arsenic	0.082		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.0099		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	233		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	43.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	14.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.20		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	59.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	67.6		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C01-D-0617 — Lab Sample ID: 480-119426-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.41	J	5.0	0.40	ug/L	1		8270D	Total/NA
Pyrene	0.34	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	0.56		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	143		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0045		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0082	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	0.017	J	0.020	0.0060	mg/L	2		6010C	Total/NA
Magnesium	19.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.031		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	49.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	275		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0016	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.052		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-119426-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J	10	3.0	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C01-0617
Date Collected: 06/13/17 08:10
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-1
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	F1 *	1.0	0.82	ug/L			06/18/17 15:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/18/17 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/18/17 15:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/18/17 15:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/18/17 15:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/18/17 15:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/18/17 15:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/18/17 15:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/18/17 15:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/18/17 15:26	1
1,2-Dichloroethane	ND	F1 *	1.0	0.21	ug/L			06/18/17 15:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/18/17 15:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/18/17 15:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/18/17 15:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/18/17 15:26	1
2-Hexanone	ND		5.0	1.2	ug/L			06/18/17 15:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/18/17 15:26	1
Acetone	ND		10	3.0	ug/L			06/18/17 15:26	1
Benzene	ND		1.0	0.41	ug/L			06/18/17 15:26	1
Bromodichloromethane	ND	F1 *	1.0	0.39	ug/L			06/18/17 15:26	1
Bromoform	ND		1.0	0.26	ug/L			06/18/17 15:26	1
Bromomethane	ND		1.0	0.69	ug/L			06/18/17 15:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/18/17 15:26	1
Carbon tetrachloride	ND	F1 *	1.0	0.27	ug/L			06/18/17 15:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/18/17 15:26	1
Chloroethane	ND		1.0	0.32	ug/L			06/18/17 15:26	1
Chloroform	ND		1.0	0.34	ug/L			06/18/17 15:26	1
Chloromethane	ND		1.0	0.35	ug/L			06/18/17 15:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/18/17 15:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/18/17 15:26	1
Cyclohexane	ND		1.0	0.18	ug/L			06/18/17 15:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/18/17 15:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/18/17 15:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/18/17 15:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/18/17 15:26	1
Methyl acetate	ND		2.5	1.3	ug/L			06/18/17 15:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/18/17 15:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/18/17 15:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/18/17 15:26	1
Styrene	ND		1.0	0.73	ug/L			06/18/17 15:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/18/17 15:26	1
Toluene	ND		1.0	0.51	ug/L			06/18/17 15:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/18/17 15:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/18/17 15:26	1
Trichloroethene	ND		1.0	0.46	ug/L			06/18/17 15:26	1
Trichlorofluoromethane	ND	F1	1.0	0.88	ug/L			06/18/17 15:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/18/17 15:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/18/17 15:26	1

Client Sample ID: BCC Area C MW-C01-0617

Lab Sample ID: 480-119426-1

Date Collected: 06/13/17 08:10

Matrix: Ground Water

Date Received: 06/13/17 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*06/18/17 15:26*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/18/17 15:26*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*06/18/17 15:26*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*06/18/17 15:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 20:08	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 20:08	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 20:08	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 20:08	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 20:08	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 20:08	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:08	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 20:08	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/17 07:52	06/20/17 20:08	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 20:08	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:08	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 20:08	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 20:08	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:08	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 20:08	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 20:08	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 20:08	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 20:08	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 20:08	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 20:08	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 20:08	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 20:08	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 20:08	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 20:08	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 20:08	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 20:08	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 20:08	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 20:08	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 20:08	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 20:08	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 20:08	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 20:08	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 20:08	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 20:08	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 20:08	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 20:08	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 20:08	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 20:08	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:08	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 20:08	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 20:08	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 20:08	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 20:08	1

Client Sample ID: BCC Area C MW-C01-0617
Date Collected: 06/13/17 08:10
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 20:08	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 20:08	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 20:08	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 20:08	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 20:08	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 20:08	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 20:08	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:08	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 20:08	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 20:08	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 20:08	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 20:08	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 20:08	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 20:08	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 20:08	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 20:08	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 20:08	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 20:08	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 20:08	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 20:08	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 20:08	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 20:08	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*41 - 120*	*06/19/17 07:52*	*06/20/17 20:08*	*1*
2-Fluorobiphenyl	*74*		*48 - 120*	*06/19/17 07:52*	*06/20/17 20:08*	*1*
2-Fluorophenol	*57*		*35 - 120*	*06/19/17 07:52*	*06/20/17 20:08*	*1*
Nitrobenzene-d5	*81*		*46 - 120*	*06/19/17 07:52*	*06/20/17 20:08*	*1*
Phenol-d5	*42*		*22 - 120*	*06/19/17 07:52*	*06/20/17 20:08*	*1*
p-Terphenyl-d14	*82*		*59 - 136*	*06/19/17 07:52*	*06/20/17 20:08*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.60**		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 09:46	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 09:46	1
Arsenic	ND		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 09:46	1
Barium	**0.13**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 09:46	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 09:46	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 09:46	1
Calcium	**146**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 09:46	1
Chromium	**0.0046**		0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 09:46	1
Cobalt	ND		0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 09:46	1
Copper	**0.0085**	**J**	0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 09:46	1
Iron	**0.88**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 09:46	1
Lead	**0.018**	**J**	0.020	0.0060	mg/L		06/14/17 09:05	06/23/17 09:17	2
Magnesium	**20.0**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 09:46	1
Manganese	**0.030**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 09:46	1
Nickel	**0.0032**	**J**	0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 09:46	1
Potassium	**49.9**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 09:46	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C01-0617
Date Collected: 06/13/17 08:10
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 09:46	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 09:46	1
Sodium	**273**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 09:46	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 09:46	1
Vanadium	**0.0018**	**J**	0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 09:46	1
Zinc	**0.051**		0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 09:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/17 09:15	06/14/17 14:25	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C RFI-31-0617
Date Collected: 06/13/17 11:18
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-2
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		8.0	6.6	ug/L			06/21/17 00:04	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			06/21/17 00:04	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			06/21/17 00:04	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			06/21/17 00:04	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			06/21/17 00:04	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			06/21/17 00:04	8
1,2,4-Trichlorobenzene	**140**	**F1**	8.0	3.3	ug/L			06/21/17 00:04	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			06/21/17 00:04	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			06/21/17 00:04	8
1,2-Dichlorobenzene	**9.9**		8.0	6.3	ug/L			06/21/17 00:04	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			06/21/17 00:04	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			06/21/17 00:04	8
1,3-Dichlorobenzene	**220**	**F1**	8.0	6.2	ug/L			06/21/17 00:04	8
1,4-Dichlorobenzene	**18**		8.0	6.7	ug/L			06/21/17 00:04	8
2-Butanone (MEK)	ND		80	11	ug/L			06/21/17 00:04	8
2-Hexanone	ND		40	9.9	ug/L			06/21/17 00:04	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			06/21/17 00:04	8
Acetone	ND		80	24	ug/L			06/21/17 00:04	8
Benzene	ND		8.0	3.3	ug/L			06/21/17 00:04	8
Bromodichloromethane	ND		8.0	3.1	ug/L			06/21/17 00:04	8
Bromoform	ND		8.0	2.1	ug/L			06/21/17 00:04	8
Bromomethane	ND		8.0	5.5	ug/L			06/21/17 00:04	8
Carbon disulfide	ND		8.0	1.5	ug/L			06/21/17 00:04	8
Carbon tetrachloride	ND	*	8.0	2.2	ug/L			06/21/17 00:04	8
Chlorobenzene	**55**		8.0	6.0	ug/L			06/21/17 00:04	8
Chloroethane	ND		8.0	2.6	ug/L			06/21/17 00:04	8
Chloroform	ND		8.0	2.7	ug/L			06/21/17 00:04	8
Chloromethane	ND		8.0	2.8	ug/L			06/21/17 00:04	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			06/21/17 00:04	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			06/21/17 00:04	8
Cyclohexane	ND		8.0	1.4	ug/L			06/21/17 00:04	8
Dibromochloromethane	ND		8.0	2.6	ug/L			06/21/17 00:04	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			06/21/17 00:04	8
Ethylbenzene	ND		8.0	5.9	ug/L			06/21/17 00:04	8
Isopropylbenzene	ND		8.0	6.3	ug/L			06/21/17 00:04	8
Methyl acetate	ND		20	10	ug/L			06/21/17 00:04	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			06/21/17 00:04	8
Methylcyclohexane	ND		8.0	1.3	ug/L			06/21/17 00:04	8
Methylene Chloride	ND		8.0	3.5	ug/L			06/21/17 00:04	8
Styrene	ND		8.0	5.8	ug/L			06/21/17 00:04	8
Tetrachloroethene	ND		8.0	2.9	ug/L			06/21/17 00:04	8
Toluene	ND		8.0	4.1	ug/L			06/21/17 00:04	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			06/21/17 00:04	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			06/21/17 00:04	8
Trichloroethene	ND		8.0	3.7	ug/L			06/21/17 00:04	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			06/21/17 00:04	8
Vinyl chloride	ND		8.0	7.2	ug/L			06/21/17 00:04	8
Xylenes, Total	ND		16	5.3	ug/L			06/21/17 00:04	8

Client Sample ID: BCC Area C RFI-31-0617

Date Collected: 06/13/17 11:18
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-2

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/21/17 00:04*	*8*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*06/21/17 00:04*	*8*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/21/17 00:04*	*8*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*06/21/17 00:04*	*8*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 20:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 20:37	1
2,4-Dichlorophenol	**0.90**	**J**	5.0	0.51	ug/L		06/19/17 07:52	06/20/17 20:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 20:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 20:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 20:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 20:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/17 07:52	06/20/17 20:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 20:37	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:37	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 20:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 20:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:37	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 20:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 20:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 20:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 20:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 20:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 20:37	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 20:37	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 20:37	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 20:37	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 20:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 20:37	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 20:37	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 20:37	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 20:37	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 20:37	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 20:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 20:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 20:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 20:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 20:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 20:37	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 20:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 20:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 20:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 20:37	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 20:37	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 20:37	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 20:37	1

Client Sample ID: BCC Area C RFI-31-0617
Date Collected: 06/13/17 11:18
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 20:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 20:37	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 20:37	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 20:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 20:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 20:37	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 20:37	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 20:37	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 20:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 20:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 20:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 20:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 20:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 20:37	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 20:37	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 20:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 20:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 20:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 20:37	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 20:37	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 20:37	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 20:37	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*73*		*41 - 120*	*06/19/17 07:52*	*06/20/17 20:37*	*1*
2-Fluorobiphenyl	*40*	*X*	*48 - 120*	*06/19/17 07:52*	*06/20/17 20:37*	*1*
2-Fluorophenol	*54*		*35 - 120*	*06/19/17 07:52*	*06/20/17 20:37*	*1*
Nitrobenzene-d5	*73*		*46 - 120*	*06/19/17 07:52*	*06/20/17 20:37*	*1*
Phenol-d5	*39*		*22 - 120*	*06/19/17 07:52*	*06/20/17 20:37*	*1*
p-Terphenyl-d14	*64*		*59 - 136*	*06/19/17 07:52*	*06/20/17 20:37*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 10:04	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 10:04	1
Arsenic	ND		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 10:04	1
Barium	**0.024**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 10:04	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 10:04	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 10:04	1
Calcium	**445**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:04	1
Chromium	ND		0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 10:04	1
Cobalt	**0.0031**	**J**	0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 10:04	1
Copper	ND		0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 10:04	1
Iron	**3.1**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 10:04	1
Lead	ND		0.10	0.030	mg/L		06/14/17 09:05	06/23/17 09:34	10
Magnesium	**161**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 10:04	1
Manganese	**1.5**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 10:04	1
Nickel	**0.0050**	**J**	0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 10:04	1
Potassium	**13.0**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:04	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C RFI-31-0617
Date Collected: 06/13/17 11:18
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 10:04	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 10:04	1
Sodium	**2220**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 10:04	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 10:04	1
Vanadium	ND		0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 10:04	1
Zinc	ND		0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 10:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/17 09:15	06/14/17 14:33	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C PS-04-0617
Date Collected: 06/13/17 09:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-3
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			06/18/17 16:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/18/17 16:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/18/17 16:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/18/17 16:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/18/17 16:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/18/17 16:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/18/17 16:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/18/17 16:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/18/17 16:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/18/17 16:17	1
1,2-Dichloroethane	ND	*	1.0	0.21	ug/L			06/18/17 16:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/18/17 16:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/18/17 16:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/18/17 16:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/18/17 16:17	1
2-Hexanone	ND		5.0	1.2	ug/L			06/18/17 16:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/18/17 16:17	1
Acetone	ND		10	3.0	ug/L			06/18/17 16:17	1
Benzene	ND		1.0	0.41	ug/L			06/18/17 16:17	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/18/17 16:17	1
Bromoform	ND		1.0	0.26	ug/L			06/18/17 16:17	1
Bromomethane	ND		1.0	0.69	ug/L			06/18/17 16:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/18/17 16:17	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			06/18/17 16:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/18/17 16:17	1
Chloroethane	ND		1.0	0.32	ug/L			06/18/17 16:17	1
Chloroform	ND		1.0	0.34	ug/L			06/18/17 16:17	1
Chloromethane	ND		1.0	0.35	ug/L			06/18/17 16:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/18/17 16:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/18/17 16:17	1
Cyclohexane	ND		1.0	0.18	ug/L			06/18/17 16:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/18/17 16:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/18/17 16:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/18/17 16:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/18/17 16:17	1
Methyl acetate	ND		2.5	1.3	ug/L			06/18/17 16:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/18/17 16:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/18/17 16:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/18/17 16:17	1
Styrene	ND		1.0	0.73	ug/L			06/18/17 16:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/18/17 16:17	1
Toluene	ND		1.0	0.51	ug/L			06/18/17 16:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/18/17 16:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/18/17 16:17	1
Trichloroethene	ND		1.0	0.46	ug/L			06/18/17 16:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/18/17 16:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/18/17 16:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/18/17 16:17	1

Client Sample ID: BCC Area C PS-04-0617

Date Collected: 06/13/17 09:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-3

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*77 - 120*		*06/18/17 16:17*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/18/17 16:17*	*1*
Toluene-d8 (Surr)	*83*		*80 - 120*		*06/18/17 16:17*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*06/18/17 16:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 21:05	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 21:05	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 21:05	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 21:05	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 21:05	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 21:05	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:05	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 21:05	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/17 07:52	06/20/17 21:05	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 21:05	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:05	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 21:05	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 21:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:05	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 21:05	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 21:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 21:05	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 21:05	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 21:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 21:05	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 21:05	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 21:05	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 21:05	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 21:05	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 21:05	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 21:05	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 21:05	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 21:05	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 21:05	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 21:05	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 21:05	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 21:05	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 21:05	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 21:05	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 21:05	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 21:05	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 21:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 21:05	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:05	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 21:05	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 21:05	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 21:05	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 21:05	1

Client Sample ID: BCC Area C PS-04-0617
Date Collected: 06/13/17 09:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 21:05	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 21:05	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 21:05	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 21:05	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 21:05	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 21:05	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 21:05	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:05	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 21:05	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 21:05	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 21:05	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 21:05	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 21:05	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 21:05	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 21:05	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 21:05	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 21:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 21:05	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 21:05	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 21:05	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 21:05	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 21:05	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*41 - 120*	*06/19/17 07:52*	*06/20/17 21:05*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*06/19/17 07:52*	*06/20/17 21:05*	*1*
2-Fluorophenol	*63*		*35 - 120*	*06/19/17 07:52*	*06/20/17 21:05*	*1*
Nitrobenzene-d5	*84*		*46 - 120*	*06/19/17 07:52*	*06/20/17 21:05*	*1*
Phenol-d5	*46*		*22 - 120*	*06/19/17 07:52*	*06/20/17 21:05*	*1*
p-Terphenyl-d14	*92*		*59 - 136*	*06/19/17 07:52*	*06/20/17 21:05*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.50**		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 10:07	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 10:07	1
Arsenic	ND		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 10:07	1
Barium	**0.042**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 10:07	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 10:07	1
Cadmium	**0.0067**		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 10:07	1
Calcium	**250**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:07	1
Chromium	**0.0018**	**J**	0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 10:07	1
Cobalt	**0.033**		0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 10:07	1
Copper	**0.055**		0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 10:07	1
Iron	**1.5**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 10:07	1
Lead	**0.0073**	**J**	0.020	0.0060	mg/L		06/14/17 09:05	06/23/17 09:38	2
Magnesium	**36.6**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 10:07	1
Manganese	**0.28**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 10:07	1
Nickel	**0.095**		0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 10:07	1
Potassium	**8.5**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:07	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C PS-04-0617
Date Collected: 06/13/17 09:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 10:07	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 10:07	1
Sodium	**22.8**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 10:07	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 10:07	1
Vanadium	**0.0019**	**J**	0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 10:07	1
Zinc	**0.46**		0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 10:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J**	0.00020	0.00012	mg/L		06/14/17 09:15	06/14/17 14:35	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C04-0617
Date Collected: 06/13/17 12:10
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-4
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		10	8.2	ug/L			06/19/17 15:44	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			06/19/17 15:44	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			06/19/17 15:44	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			06/19/17 15:44	10
1,1-Dichloroethane	ND		10	3.8	ug/L			06/19/17 15:44	10
1,1-Dichloroethene	ND		10	2.9	ug/L			06/19/17 15:44	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			06/19/17 15:44	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			06/19/17 15:44	10
1,2-Dibromoethane	ND		10	7.3	ug/L			06/19/17 15:44	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			06/19/17 15:44	10
1,2-Dichloroethane	ND		10	2.1	ug/L			06/19/17 15:44	10
1,2-Dichloropropane	ND		10	7.2	ug/L			06/19/17 15:44	10
1,3-Dichlorobenzene	**14**		10	7.8	ug/L			06/19/17 15:44	10
1,4-Dichlorobenzene	**25**		10	8.4	ug/L			06/19/17 15:44	10
2-Butanone (MEK)	ND		100	13	ug/L			06/19/17 15:44	10
2-Hexanone	ND		50	12	ug/L			06/19/17 15:44	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			06/19/17 15:44	10
Acetone	ND		100	30	ug/L			06/19/17 15:44	10
Benzene	ND		10	4.1	ug/L			06/19/17 15:44	10
Bromodichloromethane	ND		10	3.9	ug/L			06/19/17 15:44	10
Bromoform	ND		10	2.6	ug/L			06/19/17 15:44	10
Bromomethane	ND		10	6.9	ug/L			06/19/17 15:44	10
Carbon disulfide	ND		10	1.9	ug/L			06/19/17 15:44	10
Carbon tetrachloride	ND		10	2.7	ug/L			06/19/17 15:44	10
Chlorobenzene	**230**		10	7.5	ug/L			06/19/17 15:44	10
Chloroethane	ND		10	3.2	ug/L			06/19/17 15:44	10
Chloroform	ND		10	3.4	ug/L			06/19/17 15:44	10
Chloromethane	ND		10	3.5	ug/L			06/19/17 15:44	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			06/19/17 15:44	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			06/19/17 15:44	10
Cyclohexane	ND		10	1.8	ug/L			06/19/17 15:44	10
Dibromochloromethane	ND		10	3.2	ug/L			06/19/17 15:44	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			06/19/17 15:44	10
Ethylbenzene	ND		10	7.4	ug/L			06/19/17 15:44	10
Isopropylbenzene	ND		10	7.9	ug/L			06/19/17 15:44	10
Methyl acetate	ND		25	13	ug/L			06/19/17 15:44	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			06/19/17 15:44	10
Methylcyclohexane	ND		10	1.6	ug/L			06/19/17 15:44	10
Methylene Chloride	ND		10	4.4	ug/L			06/19/17 15:44	10
Styrene	ND		10	7.3	ug/L			06/19/17 15:44	10
Tetrachloroethene	ND		10	3.6	ug/L			06/19/17 15:44	10
Toluene	ND		10	5.1	ug/L			06/19/17 15:44	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			06/19/17 15:44	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			06/19/17 15:44	10
Trichloroethene	ND		10	4.6	ug/L			06/19/17 15:44	10
Trichlorofluoromethane	ND		10	8.8	ug/L			06/19/17 15:44	10
Vinyl chloride	ND		10	9.0	ug/L			06/19/17 15:44	10
Xylenes, Total	ND		20	6.6	ug/L			06/19/17 15:44	10

Client Sample ID: BCC Area C MW-C04-0617

Lab Sample ID: 480-119426-4

Date Collected: 06/13/17 12:10

Matrix: Ground Water

Date Received: 06/13/17 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*77 - 120*		*06/19/17 15:44*	*10*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*06/19/17 15:44*	*10*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/19/17 15:44*	*10*
Dibromofluoromethane (Surr)	*114*		*75 - 123*		*06/19/17 15:44*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 21:34	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 21:34	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 21:34	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 21:34	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 21:34	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 21:34	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:34	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 21:34	1
2-Chlorophenol	**0.76**	**J**	5.0	0.53	ug/L		06/19/17 07:52	06/20/17 21:34	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 21:34	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:34	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 21:34	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 21:34	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:34	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 21:34	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 21:34	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 21:34	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 21:34	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 21:34	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 21:34	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 21:34	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 21:34	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 21:34	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 21:34	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 21:34	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 21:34	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 21:34	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 21:34	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 21:34	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 21:34	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 21:34	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 21:34	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 21:34	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 21:34	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 21:34	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 21:34	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 21:34	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 21:34	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:34	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 21:34	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 21:34	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 21:34	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 21:34	1

Client Sample ID: BCC Area C MW-C04-0617

Date Collected: 06/13/17 12:10
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 21:34	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 21:34	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 21:34	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 21:34	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 21:34	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 21:34	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 21:34	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 21:34	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 21:34	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 21:34	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 21:34	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 21:34	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 21:34	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 21:34	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 21:34	1
Naphthalene	**3.4**	**J**	5.0	0.76	ug/L		06/19/17 07:52	06/20/17 21:34	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 21:34	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 21:34	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 21:34	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 21:34	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 21:34	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 21:34	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*41 - 120*	*06/19/17 07:52*	*06/20/17 21:34*	*1*
2-Fluorobiphenyl	*56*		*48 - 120*	*06/19/17 07:52*	*06/20/17 21:34*	*1*
2-Fluorophenol	*45*		*35 - 120*	*06/19/17 07:52*	*06/20/17 21:34*	*1*
Nitrobenzene-d5	*59*		*46 - 120*	*06/19/17 07:52*	*06/20/17 21:34*	*1*
Phenol-d5	*34*		*22 - 120*	*06/19/17 07:52*	*06/20/17 21:34*	*1*
p-Terphenyl-d14	*69*		*59 - 136*	*06/19/17 07:52*	*06/20/17 21:34*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 10:22	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 10:22	1
Arsenic	ND		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 10:22	1
Barium	**0.23**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 10:22	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 10:22	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 10:22	1
Calcium	**266**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:22	1
Chromium	**0.0010**	**J**	0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 10:22	1
Cobalt	ND		0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 10:22	1
Copper	**0.0035**	**J**	0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 10:22	1
Iron	**12.1**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 10:22	1
Lead	**0.0080**	**J**	0.020	0.0060	mg/L		06/14/17 09:05	06/23/17 09:42	2
Magnesium	**35.1**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 10:22	1
Manganese	**1.3**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 10:22	1
Nickel	ND		0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 10:22	1
Potassium	**9.1**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:22	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C04-0617
Date Collected: 06/13/17 12:10
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 10:22	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 10:22	1
Sodium	**38.5**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 10:22	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 10:22	1
Vanadium	ND		0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 10:22	1
Zinc	**0.0045**	**J**	0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 10:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/17 09:15	06/14/17 14:41	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C RFI-20-0617
Date Collected: 06/13/17 13:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-5
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			06/19/17 16:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/17 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/17 16:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/17 16:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/17 16:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/17 16:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/17 16:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/17 16:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/17 16:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/17 16:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/17 16:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/17 16:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/17 16:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/17 16:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/17 16:07	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/17 16:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/17 16:07	1
Acetone	ND		10	3.0	ug/L			06/19/17 16:07	1
Benzene	ND		1.0	0.41	ug/L			06/19/17 16:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/17 16:07	1
Bromoform	ND		1.0	0.26	ug/L			06/19/17 16:07	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/17 16:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/17 16:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/17 16:07	1
Chlorobenzene	**22**		1.0	0.75	ug/L			06/19/17 16:07	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/17 16:07	1
Chloroform	ND		1.0	0.34	ug/L			06/19/17 16:07	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/17 16:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/17 16:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/17 16:07	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/17 16:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/17 16:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/17 16:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/17 16:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/17 16:07	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/17 16:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/17 16:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/17 16:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/17 16:07	1
Styrene	ND		1.0	0.73	ug/L			06/19/17 16:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/17 16:07	1
Toluene	ND		1.0	0.51	ug/L			06/19/17 16:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/17 16:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/17 16:07	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/17 16:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/17 16:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/17 16:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/17 16:07	1

Client Sample ID: BCC Area C RFI-20-0617
Date Collected: 06/13/17 13:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-5
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*77 - 120*		*06/19/17 16:07*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/19/17 16:07*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/19/17 16:07*	*1*
Dibromofluoromethane (Surr)	*115*		*75 - 123*		*06/19/17 16:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 22:02	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 22:02	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:02	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 22:02	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:02	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:02	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:02	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 22:02	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/17 07:52	06/20/17 22:02	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 22:02	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:02	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 22:02	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 22:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:02	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 22:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:02	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:02	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:02	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 22:02	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 22:02	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 22:02	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 22:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 22:02	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 22:02	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 22:02	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 22:02	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 22:02	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 22:02	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:02	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:02	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 22:02	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:02	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 22:02	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 22:02	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 22:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:02	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:02	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 22:02	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 22:02	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 22:02	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 22:02	1

Client Sample ID: BCC Area C RFI-20-0617
Date Collected: 06/13/17 13:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 22:02	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 22:02	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 22:02	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 22:02	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:02	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 22:02	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:02	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:02	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:02	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:02	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 22:02	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:02	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:02	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:02	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 22:02	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 22:02	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 22:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 22:02	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:02	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:02	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 22:02	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 22:02	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*41 - 120*	*06/19/17 07:52*	*06/20/17 22:02*	*1*
2-Fluorobiphenyl	*85*		*48 - 120*	*06/19/17 07:52*	*06/20/17 22:02*	*1*
2-Fluorophenol	*68*		*35 - 120*	*06/19/17 07:52*	*06/20/17 22:02*	*1*
Nitrobenzene-d5	*94*		*46 - 120*	*06/19/17 07:52*	*06/20/17 22:02*	*1*
Phenol-d5	*50*		*22 - 120*	*06/19/17 07:52*	*06/20/17 22:02*	*1*
p-Terphenyl-d14	*78*		*59 - 136*	*06/19/17 07:52*	*06/20/17 22:02*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 10:25	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 10:25	1
Arsenic	ND		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 10:25	1
Barium	**0.061**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 10:25	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 10:25	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 10:25	1
Calcium	**214**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:25	1
Chromium	ND		0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 10:25	1
Cobalt	**0.00097**	**J**	0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 10:25	1
Copper	ND		0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 10:25	1
Iron	**7.1**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 10:25	1
Lead	ND		0.020	0.0060	mg/L		06/14/17 09:05	06/23/17 09:45	2
Magnesium	**29.3**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 10:25	1
Manganese	**0.60**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 10:25	1
Nickel	**0.027**		0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 10:25	1
Potassium	**7.0**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:25	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C RFI-20-0617
Date Collected: 06/13/17 13:50
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 10:25	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 10:25	1
Sodium	**29.5**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 10:25	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 10:25	1
Vanadium	ND		0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 10:25	1
Zinc	**0.0043**	**J**	0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 10:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/17 09:15	06/14/17 14:42	1

Client Sample ID: BCC Area C PS-05A-0617
Date Collected: 06/13/17 14:30
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-6
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		5.0	4.1	ug/L			06/19/17 16:30	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			06/19/17 16:30	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			06/19/17 16:30	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			06/19/17 16:30	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			06/19/17 16:30	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			06/19/17 16:30	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			06/19/17 16:30	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			06/19/17 16:30	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			06/19/17 16:30	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			06/19/17 16:30	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			06/19/17 16:30	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			06/19/17 16:30	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			06/19/17 16:30	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			06/19/17 16:30	5
2-Butanone (MEK)	ND		50	6.6	ug/L			06/19/17 16:30	5
2-Hexanone	ND		25	6.2	ug/L			06/19/17 16:30	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			06/19/17 16:30	5
Acetone	ND		50	15	ug/L			06/19/17 16:30	5
Benzene	ND		5.0	2.1	ug/L			06/19/17 16:30	5
Bromodichloromethane	ND		5.0	2.0	ug/L			06/19/17 16:30	5
Bromoform	ND		5.0	1.3	ug/L			06/19/17 16:30	5
Bromomethane	ND		5.0	3.5	ug/L			06/19/17 16:30	5
Carbon disulfide	ND		5.0	0.95	ug/L			06/19/17 16:30	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			06/19/17 16:30	5
Chlorobenzene	**260**		5.0	3.8	ug/L			06/19/17 16:30	5
Chloroethane	ND		5.0	1.6	ug/L			06/19/17 16:30	5
Chloroform	ND		5.0	1.7	ug/L			06/19/17 16:30	5
Chloromethane	ND		5.0	1.8	ug/L			06/19/17 16:30	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			06/19/17 16:30	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			06/19/17 16:30	5
Cyclohexane	ND		5.0	0.90	ug/L			06/19/17 16:30	5
Dibromochloromethane	ND		5.0	1.6	ug/L			06/19/17 16:30	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			06/19/17 16:30	5
Ethylbenzene	ND		5.0	3.7	ug/L			06/19/17 16:30	5
Isopropylbenzene	ND		5.0	4.0	ug/L			06/19/17 16:30	5
Methyl acetate	ND		13	6.5	ug/L			06/19/17 16:30	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			06/19/17 16:30	5
Methylcyclohexane	ND		5.0	0.80	ug/L			06/19/17 16:30	5
Methylene Chloride	ND		5.0	2.2	ug/L			06/19/17 16:30	5
Styrene	ND		5.0	3.7	ug/L			06/19/17 16:30	5
Tetrachloroethene	ND		5.0	1.8	ug/L			06/19/17 16:30	5
Toluene	ND		5.0	2.6	ug/L			06/19/17 16:30	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			06/19/17 16:30	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			06/19/17 16:30	5
Trichloroethene	ND		5.0	2.3	ug/L			06/19/17 16:30	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			06/19/17 16:30	5
Vinyl chloride	ND		5.0	4.5	ug/L			06/19/17 16:30	5
Xylenes, Total	ND		10	3.3	ug/L			06/19/17 16:30	5

Client Sample ID: BCC Area C PS-05A-0617

Date Collected: 06/13/17 14:30
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-6

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*77 - 120*		*06/19/17 16:30*	*5*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*06/19/17 16:30*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/19/17 16:30*	*5*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*06/19/17 16:30*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 22:30	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 22:30	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:30	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 22:30	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:30	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:30	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:30	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 22:30	1
2-Chlorophenol	**2.9**	**J**	5.0	0.53	ug/L		06/19/17 07:52	06/20/17 22:30	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 22:30	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:30	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 22:30	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 22:30	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:30	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 22:30	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:30	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:30	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:30	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 22:30	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 22:30	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 22:30	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 22:30	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 22:30	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 22:30	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 22:30	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 22:30	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 22:30	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 22:30	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:30	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:30	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 22:30	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:30	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 22:30	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 22:30	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 22:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:30	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:30	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 22:30	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 22:30	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 22:30	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 22:30	1

Client Sample ID: BCC Area C PS-05A-0617
Date Collected: 06/13/17 14:30
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 22:30	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 22:30	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 22:30	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 22:30	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:30	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 22:30	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:30	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:30	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:30	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:30	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 22:30	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:30	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:30	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:30	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 22:30	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 22:30	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 22:30	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 22:30	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:30	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:30	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 22:30	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 22:30	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*41 - 120*	*06/19/17 07:52*	*06/20/17 22:30*	*1*
2-Fluorobiphenyl	*80*		*48 - 120*	*06/19/17 07:52*	*06/20/17 22:30*	*1*
2-Fluorophenol	*67*		*35 - 120*	*06/19/17 07:52*	*06/20/17 22:30*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*06/19/17 07:52*	*06/20/17 22:30*	*1*
Phenol-d5	*49*		*22 - 120*	*06/19/17 07:52*	*06/20/17 22:30*	*1*
p-Terphenyl-d14	*75*		*59 - 136*	*06/19/17 07:52*	*06/20/17 22:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 10:29	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 10:29	1
Arsenic	**0.24**		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 10:29	1
Barium	**0.043**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 10:29	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 10:29	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 10:29	1
Calcium	**306**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:29	1
Chromium	ND		0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 10:29	1
Cobalt	ND		0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 10:29	1
Copper	ND		0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 10:29	1
Iron	**52.8**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 10:29	1
Lead	ND		0.050	0.015	mg/L		06/14/17 09:05	06/23/17 09:59	5
Magnesium	**27.5**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 10:29	1
Manganese	**0.62**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 10:29	1
Nickel	**0.0013**	**J**	0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 10:29	1
Potassium	**14.1**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:29	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C PS-05A-0617
Date Collected: 06/13/17 14:30
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 10:29	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 10:29	1
Sodium	**89.8**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 10:29	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 10:29	1
Vanadium	ND		0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 10:29	1
Zinc	**0.0041**	**J**	0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 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		06/14/17 09:15	06/14/17 14:44	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C PS-06-0617
Date Collected: 06/13/17 13:05
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-7
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		2.0	1.6	ug/L			06/14/17 14:24	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/14/17 14:24	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/14/17 14:24	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/14/17 14:24	2
1,1-Dichloroethane	**1.2**	**J**	2.0	0.76	ug/L			06/14/17 14:24	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/14/17 14:24	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/14/17 14:24	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/14/17 14:24	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/14/17 14:24	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/14/17 14:24	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			06/14/17 14:24	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/14/17 14:24	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/14/17 14:24	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			06/14/17 14:24	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/14/17 14:24	2
2-Hexanone	ND		10	2.5	ug/L			06/14/17 14:24	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/14/17 14:24	2
Acetone	ND		20	6.0	ug/L			06/14/17 14:24	2
Benzene	ND		2.0	0.82	ug/L			06/14/17 14:24	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/14/17 14:24	2
Bromoform	ND		2.0	0.52	ug/L			06/14/17 14:24	2
Bromomethane	ND		2.0	1.4	ug/L			06/14/17 14:24	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/14/17 14:24	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/14/17 14:24	2
Chlorobenzene	ND		2.0	1.5	ug/L			06/14/17 14:24	2
Chloroethane	ND		2.0	0.64	ug/L			06/14/17 14:24	2
Chloroform	ND		2.0	0.68	ug/L			06/14/17 14:24	2
Chloromethane	ND		2.0	0.70	ug/L			06/14/17 14:24	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/14/17 14:24	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/14/17 14:24	2
Cyclohexane	ND		2.0	0.36	ug/L			06/14/17 14:24	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/14/17 14:24	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/14/17 14:24	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/14/17 14:24	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/14/17 14:24	2
Methyl acetate	ND		5.0	2.6	ug/L			06/14/17 14:24	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/14/17 14:24	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/14/17 14:24	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/14/17 14:24	2
Styrene	ND		2.0	1.5	ug/L			06/14/17 14:24	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/14/17 14:24	2
Toluene	ND		2.0	1.0	ug/L			06/14/17 14:24	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/14/17 14:24	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/14/17 14:24	2
Trichloroethene	ND		2.0	0.92	ug/L			06/14/17 14:24	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/14/17 14:24	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/14/17 14:24	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/14/17 14:24	2

Client Sample ID: BCC Area C PS-06-0617

Date Collected: 06/13/17 13:05
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-7

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*06/14/17 14:24*	*2*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*06/14/17 14:24*	*2*
Toluene-d8 (Surr)	*80*		*80 - 120*		*06/14/17 14:24*	*2*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*06/14/17 14:24*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 22:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 22:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 22:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 22:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/17 07:52	06/20/17 22:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 22:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:59	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 22:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 22:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:59	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 22:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 22:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:59	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 22:59	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 22:59	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 22:59	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 22:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 22:59	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 22:59	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 22:59	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 22:59	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 22:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 22:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 22:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 22:59	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 22:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 22:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 22:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 22:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 22:59	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 22:59	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 22:59	1

Client Sample ID: BCC Area C PS-06-0617
Date Collected: 06/13/17 13:05
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 22:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 22:59	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 22:59	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 22:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 22:59	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:59	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 22:59	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 22:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 22:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 22:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 22:59	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 22:59	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 22:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 22:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 22:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 22:59	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 22:59	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 22:59	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 22:59	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*41 - 120*	*06/19/17 07:52*	*06/20/17 22:59*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*06/19/17 07:52*	*06/20/17 22:59*	*1*
2-Fluorophenol	*71*		*35 - 120*	*06/19/17 07:52*	*06/20/17 22:59*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*06/19/17 07:52*	*06/20/17 22:59*	*1*
Phenol-d5	*50*		*22 - 120*	*06/19/17 07:52*	*06/20/17 22:59*	*1*
p-Terphenyl-d14	*74*		*59 - 136*	*06/19/17 07:52*	*06/20/17 22:59*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 10:32	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 10:32	1
Arsenic	**0.082**		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 10:32	1
Barium	**0.0099**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 10:32	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 10:32	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 10:32	1
Calcium	**233**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:32	1
Chromium	ND		0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 10:32	1
Cobalt	ND		0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 10:32	1
Copper	ND		0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 10:32	1
Iron	**43.3**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 10:32	1
Lead	ND		0.050	0.015	mg/L		06/14/17 09:05	06/23/17 10:03	5
Magnesium	**14.5**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 10:32	1
Manganese	**0.20**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 10:32	1
Nickel	ND		0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 10:32	1
Potassium	**59.6**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:32	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C PS-06-0617
Date Collected: 06/13/17 13:05
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 10:32	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 10:32	1
Sodium	**67.6**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 10:32	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 10:32	1
Vanadium	ND		0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 10:32	1
Zinc	ND		0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 10:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/17 09:15	06/14/17 14:46	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C01-D-0617
Date Collected: 06/13/17 08:25
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-8
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			06/20/17 00:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/17 00:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/17 00:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/17 00:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/17 00:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/17 00:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/17 00:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/17 00:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/17 00:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/17 00:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/17 00:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/17 00:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/17 00:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/17 00:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/17 00:13	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/17 00:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/17 00:13	1
Acetone	ND		10	3.0	ug/L			06/20/17 00:13	1
Benzene	ND		1.0	0.41	ug/L			06/20/17 00:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/17 00:13	1
Bromoform	ND		1.0	0.26	ug/L			06/20/17 00:13	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/17 00:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/17 00:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/17 00:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/17 00:13	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/17 00:13	1
Chloroform	ND		1.0	0.34	ug/L			06/20/17 00:13	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/17 00:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/17 00:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/17 00:13	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/17 00:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/17 00:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/17 00:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/17 00:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/17 00:13	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/17 00:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/17 00:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/17 00:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/17 00:13	1
Styrene	ND		1.0	0.73	ug/L			06/20/17 00:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/17 00:13	1
Toluene	ND		1.0	0.51	ug/L			06/20/17 00:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/17 00:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/17 00:13	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/17 00:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/17 00:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/17 00:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/17 00:13	1

Client Sample ID: BCC Area C MW-C01-D-0617

Lab Sample ID: 480-119426-8

Date Collected: 06/13/17 08:25

Matrix: Ground Water

Date Received: 06/13/17 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*77 - 120*		*06/20/17 00:13*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*06/20/17 00:13*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/20/17 00:13*	*1*
Dibromofluoromethane (Surr)	*115*		*75 - 123*		*06/20/17 00:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 23:27	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 23:27	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 23:27	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 23:27	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 23:27	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 23:27	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 23:27	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 23:27	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/17 07:52	06/20/17 23:27	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 23:27	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 23:27	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 23:27	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 23:27	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 23:27	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 23:27	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 23:27	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 23:27	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 23:27	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 23:27	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 23:27	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 23:27	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 23:27	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 23:27	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 23:27	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 23:27	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 23:27	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 23:27	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 23:27	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 23:27	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 23:27	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 23:27	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 23:27	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 23:27	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 23:27	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 23:27	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 23:27	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 23:27	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 23:27	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 23:27	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 23:27	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 23:27	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 23:27	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 23:27	1

Client Sample ID: BCC Area C MW-C01-D-0617
Date Collected: 06/13/17 08:25
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 23:27	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 23:27	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 23:27	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 23:27	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 23:27	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 23:27	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 23:27	1
Fluoranthene	**0.41**	**J**	5.0	0.40	ug/L		06/19/17 07:52	06/20/17 23:27	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 23:27	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 23:27	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 23:27	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 23:27	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 23:27	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 23:27	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 23:27	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 23:27	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 23:27	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 23:27	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 23:27	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 23:27	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 23:27	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 23:27	1
Pyrene	**0.34**	**J**	5.0	0.34	ug/L		06/19/17 07:52	06/20/17 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*100*		*41 - 120*	*06/19/17 07:52*	*06/20/17 23:27*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*06/19/17 07:52*	*06/20/17 23:27*	*1*
2-Fluorophenol	*66*		*35 - 120*	*06/19/17 07:52*	*06/20/17 23:27*	*1*
Nitrobenzene-d5	*91*		*46 - 120*	*06/19/17 07:52*	*06/20/17 23:27*	*1*
Phenol-d5	*48*		*22 - 120*	*06/19/17 07:52*	*06/20/17 23:27*	*1*
p-Terphenyl-d14	*89*		*59 - 136*	*06/19/17 07:52*	*06/20/17 23:27*	*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		06/14/17 09:05	06/21/17 10:36	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 10:36	1
Arsenic	ND		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 10:36	1
Barium	**0.13**		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 10:36	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 10:36	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 10:36	1
Calcium	**143**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:36	1
Chromium	**0.0045**		0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 10:36	1
Cobalt	ND		0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 10:36	1
Copper	**0.0082**	**J**	0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 10:36	1
Iron	**0.86**		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 10:36	1
Lead	**0.017**	**J**	0.020	0.0060	mg/L		06/14/17 09:05	06/23/17 10:07	2
Magnesium	**19.8**		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 10:36	1
Manganese	**0.031**		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 10:36	1
Nickel	**0.0028**	**J**	0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 10:36	1
Potassium	**49.4**		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 10:36	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C01-D-0617
Date Collected: 06/13/17 08:25
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 10:36	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 10:36	1
Sodium	**275**		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 10:36	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 10:36	1
Vanadium	**0.0016**	**J**	0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 10:36	1
Zinc	**0.052**		0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 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		06/14/17 09:15	06/14/17 14:48	1

Client Sample ID: TRIP BLANK

Date Collected: 06/13/17 00:00
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-9

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			06/19/17 17:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/17 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/17 17:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/17 17:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/17 17:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/17 17:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/17 17:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/17 17:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/17 17:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/17 17:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/17 17:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/17 17:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/17 17:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/17 17:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/17 17:16	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/17 17:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/17 17:16	1
Acetone	**3.3**	**J**	10	3.0	ug/L			06/19/17 17:16	1
Benzene	ND		1.0	0.41	ug/L			06/19/17 17:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/17 17:16	1
Bromoform	ND		1.0	0.26	ug/L			06/19/17 17:16	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/17 17:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/17 17:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/17 17:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/17 17:16	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/17 17:16	1
Chloroform	ND		1.0	0.34	ug/L			06/19/17 17:16	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/17 17:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/17 17:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/17 17:16	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/17 17:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/17 17:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/17 17:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/17 17:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/17 17:16	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/17 17:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/17 17:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/17 17:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/17 17:16	1
Styrene	ND		1.0	0.73	ug/L			06/19/17 17:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/17 17:16	1
Toluene	ND		1.0	0.51	ug/L			06/19/17 17:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/17 17:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/17 17:16	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/17 17:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/17 17:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/17 17:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/17 17:16	1

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: TRIP BLANK
Date Collected: 06/13/17 00:00
Date Received: 06/13/17 15:45

Lab Sample ID: 480-119426-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		77 - 120		06/19/17 17:16	1
4-Bromofluorobenzene (Surr)	110		73 - 120		06/19/17 17:16	1
Toluene-d8 (Surr)	99		80 - 120		06/19/17 17:16	1
Dibromofluoromethane (Surr)	113		75 - 123		06/19/17 17:16	1

Surrogate Summary

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

TestAmerica Job ID: 480-119426-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-119426-1	BCC Area C MW-C01-0617	109	105	85	105
480-119426-1 MS	BCC Area C MW-C01-MS-0617	98	91	99	95
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	99	91	99	95
480-119426-2	BCC Area C RFI-31-0617	110	109	98	103
480-119426-2 MS	BCC Area C RFI-31-0617	112	116	100	111
480-119426-2 MSD	BCC Area C RFI-31-0617	109	117	101	112
480-119426-3	BCC Area C PS-04-0617	115	106	83	107
480-119426-4	BCC Area C MW-C04-0617	120	108	96	114
480-119426-5	BCC Area C RFI-20-0617	120	106	96	115
480-119426-6	BCC Area C PS-05A-0617	118	111	100	111
480-119426-7	BCC Area C PS-06-0617	101	89	80	101
480-119426-8	BCC Area C MW-C01-D-0617	116	107	97	115

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-119426-9	TRIP BLANK	119	110	99	113
LCS 480-362016/3	Lab Control Sample	103	102	92	99
LCS 480-362625/7	Lab Control Sample	106	108	86	104
LCS 480-362694/4	Lab Control Sample	108	115	100	107
LCS 480-362830/4	Lab Control Sample	111	114	100	108
LCS 480-363038/5	Lab Control Sample	107	116	99	109
LCS 480-363279/7	Lab Control Sample	97	93	101	97
MB 480-362016/6	Method Blank	102	95	85	98
MB 480-362625/9	Method Blank	108	106	87	103
MB 480-362694/6	Method Blank	112	108	98	108
MB 480-362830/6	Method Blank	114	106	97	110
MB 480-363038/7	Method Blank	114	109	98	108
MB 480-363279/10	Method Blank	99	91	100	94

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 C Wells

TestAmerica Job ID: 480-119426-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-119426-1	BCC Area C MW-C01-0617	88	74	57	81	42	82
480-119426-1 MS	BCC Area C MW-C01-MS-0617	97	83	72	91	57	71
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	95	89	75	89	57	69
480-119426-2	BCC Area C RFI-31-0617	73	40 X	54	73	39	64
480-119426-3	BCC Area C PS-04-0617	92	75	63	84	46	92
480-119426-4	BCC Area C MW-C04-0617	74	56	45	59	34	69
480-119426-5	BCC Area C RFI-20-0617	98	85	68	94	50	78
480-119426-6	BCC Area C PS-05A-0617	99	80	67	88	49	75
480-119426-7	BCC Area C PS-06-0617	99	81	71	88	50	74
480-119426-8	BCC Area C MW-C01-D-0617	100	84	66	91	48	89

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
LCS 480-362656/2-A	Lab Control Sample	96	86	72	92	58	103
MB 480-362656/1-A	Method Blank	83	85	75	102	57	104

Surrogate Legend

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

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

Lab Sample ID: MB 480-362016/6
Matrix: Water
Analysis Batch: 362016

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			06/14/17 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/17 12:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/17 12:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/17 12:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/17 12:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/17 12:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/17 12:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/17 12:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/17 12:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/17 12:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/17 12:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/17 12:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/17 12:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/17 12:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/17 12:40	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/17 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/17 12:40	1
Acetone	ND		10	3.0	ug/L			06/14/17 12:40	1
Benzene	ND		1.0	0.41	ug/L			06/14/17 12:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/17 12:40	1
Bromoform	ND		1.0	0.26	ug/L			06/14/17 12:40	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/17 12:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/17 12:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/17 12:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/17 12:40	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/17 12:40	1
Chloroform	ND		1.0	0.34	ug/L			06/14/17 12:40	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/17 12:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/14/17 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/17 12:40	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/17 12:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/17 12:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/17 12:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/17 12:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/17 12:40	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/17 12:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/17 12:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/17 12:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/17 12:40	1
Styrene	ND		1.0	0.73	ug/L			06/14/17 12:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/17 12:40	1
Toluene	ND		1.0	0.51	ug/L			06/14/17 12:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/17 12:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/17 12:40	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/17 12:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/17 12:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/17 12:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/17 12:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*06/14/17 12:40*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*06/14/17 12:40*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*06/14/17 12:40*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/14/17 12:40*	*1*

Lab Sample ID: LCS 480-362016/3
Matrix: Water
Analysis Batch: 362016

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	28.8		ug/L		115	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	27.7		ug/L		111	61 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	25.7		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	25.6		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	29.4		ug/L		118	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.3		ug/L		105	56 - 134
1,2-Dibromoethane	25.0	25.4		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	27.6		ug/L		111	80 - 124
1,2-Dichloroethane	25.0	27.9		ug/L		112	75 - 120
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	27.4		ug/L		109	77 - 120
1,4-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 120
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
2-Hexanone	125	142		ug/L		113	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	71 - 125
Acetone	125	141		ug/L		113	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromodichloromethane	25.0	26.6		ug/L		106	80 - 122
Bromoform	25.0	28.2		ug/L		113	61 - 132
Bromomethane	25.0	31.6		ug/L		127	55 - 144
Carbon disulfide	25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	25.0	30.7		ug/L		123	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Chloroethane	25.0	34.1		ug/L		136	69 - 136
Chloroform	25.0	25.8		ug/L		103	73 - 127
Chloromethane	25.0	27.0		ug/L		108	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	25.5		ug/L		102	74 - 124
Cyclohexane	25.0	26.8		ug/L		107	59 - 135
Dibromochloromethane	25.0	27.4		ug/L		109	75 - 125
Dichlorodifluoromethane	25.0	27.8		ug/L		111	59 - 135
Ethylbenzene	25.0	26.0		ug/L		104	77 - 123
Isopropylbenzene	25.0	27.6		ug/L		110	77 - 122
Methyl acetate	125	124		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	27.4		ug/L		110	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		107	68 - 134
Methylene Chloride	25.0	23.8		ug/L		95	75 - 124
Styrene	25.0	27.4		ug/L		110	80 - 120
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	25.4		ug/L		101	73 - 127

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

Lab Sample ID: LCS 480-362016/3
Matrix: Water
Analysis Batch: 362016

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	28.2		ug/L		113	80 - 120
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	36.1		ug/L		144	62 - 150
Vinyl chloride	25.0	30.3		ug/L		121	65 - 133
Xylenes, Total	50.0	51.8		ug/L		104	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

Lab Sample ID: MB 480-362625/9
Matrix: Water
Analysis Batch: 362625

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			06/18/17 12:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/18/17 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/18/17 12:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/18/17 12:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/18/17 12:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/18/17 12:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/18/17 12:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/18/17 12:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/18/17 12:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/18/17 12:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/18/17 12:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/18/17 12:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/18/17 12:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/18/17 12:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/18/17 12:14	1
2-Hexanone	ND		5.0	1.2	ug/L			06/18/17 12:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/18/17 12:14	1
Acetone	ND		10	3.0	ug/L			06/18/17 12:14	1
Benzene	ND		1.0	0.41	ug/L			06/18/17 12:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/18/17 12:14	1
Bromoform	ND		1.0	0.26	ug/L			06/18/17 12:14	1
Bromomethane	ND		1.0	0.69	ug/L			06/18/17 12:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/18/17 12:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/18/17 12:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/18/17 12:14	1
Chloroethane	ND		1.0	0.32	ug/L			06/18/17 12:14	1
Chloroform	ND		1.0	0.34	ug/L			06/18/17 12:14	1
Chloromethane	ND		1.0	0.35	ug/L			06/18/17 12:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/18/17 12:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/18/17 12:14	1
Cyclohexane	ND		1.0	0.18	ug/L			06/18/17 12:14	1

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

Lab Sample ID: MB 480-362625/9
Matrix: Water
Analysis Batch: 362625

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			06/18/17 12:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/18/17 12:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/18/17 12:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/18/17 12:14	1
Methyl acetate	ND		2.5	1.3	ug/L			06/18/17 12:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/18/17 12:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/18/17 12:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/18/17 12:14	1
Styrene	ND		1.0	0.73	ug/L			06/18/17 12:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/18/17 12:14	1
Toluene	ND		1.0	0.51	ug/L			06/18/17 12:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/18/17 12:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/18/17 12:14	1
Trichloroethene	ND		1.0	0.46	ug/L			06/18/17 12:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/18/17 12:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/18/17 12:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/18/17 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*06/18/17 12:14*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/18/17 12:14*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*		*06/18/17 12:14*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*06/18/17 12:14*	*1*

Lab Sample ID: LCS 480-362625/7
Matrix: Water
Analysis Batch: 362625

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	34.1	*	ug/L		136	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	22.9		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	24.1		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	23.9		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	26.8		ug/L		107	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	30.1		ug/L		120	56 - 134
1,2-Dibromoethane	25.0	25.9		ug/L		104	77 - 120
1,2-Dichlorobenzene	25.0	26.4		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	34.2	*	ug/L		137	75 - 120
1,2-Dichloropropane	25.0	21.6		ug/L		86	76 - 120
1,3-Dichlorobenzene	25.0	26.2		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 120
2-Butanone (MEK)	125	107		ug/L		86	57 - 140
2-Hexanone	125	107		ug/L		86	65 - 127
4-Methyl-2-pentanone (MIBK)	125	104		ug/L		83	71 - 125
Acetone	125	121		ug/L		97	56 - 142

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

Lab Sample ID: LCS 480-362625/7
Matrix: Water
Analysis Batch: 362625

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	23.1		ug/L		92	71 - 124
Bromodichloromethane	25.0	32.3	*	ug/L		129	80 - 122
Bromoform	25.0	31.4		ug/L		126	61 - 132
Bromomethane	25.0	24.7		ug/L		99	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	34.6	*	ug/L		138	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Chloroethane	25.0	21.0		ug/L		84	69 - 136
Chloroform	25.0	28.9		ug/L		116	73 - 127
Chloromethane	25.0	24.2		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	20.5		ug/L		82	59 - 135
Dibromochloromethane	25.0	30.3		ug/L		121	75 - 125
Dichlorodifluoromethane	25.0	28.3		ug/L		113	59 - 135
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Isopropylbenzene	25.0	24.9		ug/L		99	77 - 122
Methyl acetate	125	106		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	28.1		ug/L		113	77 - 120
Methylcyclohexane	25.0	22.3		ug/L		89	68 - 134
Methylene Chloride	25.0	24.3		ug/L		97	75 - 124
Styrene	25.0	24.9		ug/L		100	80 - 120
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	22.9		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	27.0		ug/L		108	80 - 120
Trichloroethene	25.0	26.3		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	36.2		ug/L		145	62 - 150
Vinyl chloride	25.0	28.8		ug/L		115	65 - 133
Xylenes, Total	50.0	48.0		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Toluene-d8 (Surr)	*86*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: MB 480-362694/6
Matrix: Water
Analysis Batch: 362694

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			06/19/17 11:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/17 11:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/17 11:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/17 11:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/17 11:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/17 11:09	1

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

Lab Sample ID: MB 480-362694/6
Matrix: Water
Analysis Batch: 362694

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			06/19/17 11:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/17 11:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/17 11:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/17 11:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/17 11:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/17 11:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/17 11:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/17 11:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/17 11:09	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/17 11:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/17 11:09	1
Acetone	ND		10	3.0	ug/L			06/19/17 11:09	1
Benzene	ND		1.0	0.41	ug/L			06/19/17 11:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/17 11:09	1
Bromoform	ND		1.0	0.26	ug/L			06/19/17 11:09	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/17 11:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/17 11:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/17 11:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/17 11:09	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/17 11:09	1
Chloroform	ND		1.0	0.34	ug/L			06/19/17 11:09	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/17 11:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/17 11:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/17 11:09	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/17 11:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/17 11:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/17 11:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/17 11:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/17 11:09	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/17 11:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/17 11:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/17 11:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/17 11:09	1
Styrene	ND		1.0	0.73	ug/L			06/19/17 11:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/17 11:09	1
Toluene	ND		1.0	0.51	ug/L			06/19/17 11:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/17 11:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/17 11:09	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/17 11:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/17 11:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/17 11:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/17 11:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*06/19/17 11:09*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*06/19/17 11:09*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/19/17 11:09*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*06/19/17 11:09*	*1*

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

TestAmerica Job ID: 480-119426-1

Lab Sample ID: LCS 480-362694/4
Matrix: Water
Analysis Batch: 362694

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	28.4		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.4		ug/L		86	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.9		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	23.7		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	21.8		ug/L		87	66 - 127
1,2,4-Trichlorobenzene	25.0	21.1		ug/L		84	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.0		ug/L		92	56 - 134
1,2-Dibromoethane	25.0	25.3		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	26.1		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	23.3		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	139		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	152		ug/L		121	56 - 142
Benzene	25.0	23.3		ug/L		93	71 - 124
Bromodichloromethane	25.0	26.0		ug/L		104	80 - 122
Bromoform	25.0	26.0		ug/L		104	61 - 132
Bromomethane	25.0	27.1		ug/L		108	55 - 144
Carbon disulfide	25.0	22.6		ug/L		91	59 - 134
Carbon tetrachloride	25.0	33.3		ug/L		133	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120
Chloroethane	25.0	28.0		ug/L		112	69 - 136
Chloroform	25.0	23.6		ug/L		94	73 - 127
Chloromethane	25.0	26.2		ug/L		105	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	23.4		ug/L		94	74 - 124
Cyclohexane	25.0	23.0		ug/L		92	59 - 135
Dibromochloromethane	25.0	29.2		ug/L		117	75 - 125
Dichlorodifluoromethane	25.0	29.0		ug/L		116	59 - 135
Ethylbenzene	25.0	23.6		ug/L		95	77 - 123
Isopropylbenzene	25.0	21.1		ug/L		84	77 - 122
Methyl acetate	125	125		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		99	77 - 120
Methylcyclohexane	25.0	21.9		ug/L		88	68 - 134
Methylene Chloride	25.0	22.6		ug/L		90	75 - 124
Styrene	25.0	23.9		ug/L		96	80 - 120
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	24.6		ug/L		99	80 - 120
Trichloroethene	25.0	22.9		ug/L		91	74 - 123
Trichlorofluoromethane	25.0	34.5		ug/L		138	62 - 150
Vinyl chloride	25.0	24.2		ug/L		97	65 - 133
Xylenes, Total	50.0	47.8		ug/L		96	76 - 122

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

Lab Sample ID: LCS 480-362694/4
Matrix: Water
Analysis Batch: 362694

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

Lab Sample ID: MB 480-362830/6
Matrix: Water
Analysis Batch: 362830

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			06/19/17 21:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/17 21:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/17 21:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/17 21:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/17 21:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/17 21:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/17 21:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/17 21:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/17 21:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/17 21:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/17 21:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/17 21:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/17 21:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/17 21:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/17 21:41	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/17 21:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/17 21:41	1
Acetone	ND		10	3.0	ug/L			06/19/17 21:41	1
Benzene	ND		1.0	0.41	ug/L			06/19/17 21:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/17 21:41	1
Bromoform	ND		1.0	0.26	ug/L			06/19/17 21:41	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/17 21:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/17 21:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/17 21:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/17 21:41	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/17 21:41	1
Chloroform	ND		1.0	0.34	ug/L			06/19/17 21:41	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/17 21:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/17 21:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/17 21:41	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/17 21:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/17 21:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/17 21:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/17 21:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/17 21:41	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/17 21:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/17 21:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/17 21:41	1

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

Lab Sample ID: MB 480-362830/6
Matrix: Water
Analysis Batch: 362830

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			06/19/17 21:41	1
Styrene	ND		1.0	0.73	ug/L			06/19/17 21:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/17 21:41	1
Toluene	ND		1.0	0.51	ug/L			06/19/17 21:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/17 21:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/17 21:41	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/17 21:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/17 21:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/17 21:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/17 21:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*06/19/17 21:41*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/19/17 21:41*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/19/17 21:41*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*06/19/17 21:41*	*1*

Lab Sample ID: LCS 480-362830/4
Matrix: Water
Analysis Batch: 362830

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.4		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.6		ug/L		86	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.0		ug/L		104	61 - 148
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	76 - 122
1,1-Dichloroethane	25.0	22.9		ug/L		92	77 - 120
1,1-Dichloroethene	25.0	22.6		ug/L		90	66 - 127
1,2,4-Trichlorobenzene	25.0	19.9		ug/L		79	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.3		ug/L		97	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	26.1		ug/L		105	75 - 120
1,2-Dichloropropane	25.0	22.9		ug/L		92	76 - 120
1,3-Dichlorobenzene	25.0	23.7		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	143		ug/L		114	65 - 127
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		107	71 - 125
Acetone	125	160		ug/L		128	56 - 142
Benzene	25.0	23.1		ug/L		92	71 - 124
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Bromoform	25.0	25.8		ug/L		103	61 - 132
Bromomethane	25.0	22.2		ug/L		89	55 - 144
Carbon disulfide	25.0	22.8		ug/L		91	59 - 134
Carbon tetrachloride	25.0	32.1		ug/L		129	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120

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

Lab Sample ID: LCS 480-362830/4
Matrix: Water
Analysis Batch: 362830

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	22.4		ug/L		90	69 - 136
Chloroform	25.0	23.2		ug/L		93	73 - 127
Chloromethane	25.0	28.1		ug/L		113	68 - 124
cis-1,2-Dichloroethene	25.0	22.5		ug/L		90	74 - 124
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	74 - 124
Cyclohexane	25.0	23.5		ug/L		94	59 - 135
Dibromochloromethane	25.0	28.5		ug/L		114	75 - 125
Dichlorodifluoromethane	25.0	29.9		ug/L		120	59 - 135
Ethylbenzene	25.0	23.4		ug/L		94	77 - 123
Isopropylbenzene	25.0	20.6		ug/L		82	77 - 122
Methyl acetate	125	129		ug/L		103	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	22.1		ug/L		89	68 - 134
Methylene Chloride	25.0	22.5		ug/L		90	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	24.1		ug/L		97	80 - 120
Trichloroethene	25.0	23.3		ug/L		93	74 - 123
Trichlorofluoromethane	25.0	34.6		ug/L		139	62 - 150
Vinyl chloride	25.0	23.5		ug/L		94	65 - 133
Xylenes, Total	50.0	47.4		ug/L		95	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*

Lab Sample ID: MB 480-363038/7
Matrix: Water
Analysis Batch: 363038

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			06/20/17 23:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/17 23:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/17 23:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/17 23:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/17 23:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/17 23:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/17 23:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/17 23:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/17 23:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/17 23:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/17 23:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/17 23:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/17 23:14	1

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

Lab Sample ID: MB 480-363038/7
Matrix: Water
Analysis Batch: 363038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/17 23:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/17 23:14	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/17 23:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/17 23:14	1
Acetone	ND		10	3.0	ug/L			06/20/17 23:14	1
Benzene	ND		1.0	0.41	ug/L			06/20/17 23:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/17 23:14	1
Bromoform	ND		1.0	0.26	ug/L			06/20/17 23:14	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/17 23:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/17 23:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/17 23:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/17 23:14	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/17 23:14	1
Chloroform	ND		1.0	0.34	ug/L			06/20/17 23:14	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/17 23:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/17 23:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/17 23:14	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/17 23:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/17 23:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/17 23:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/17 23:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/17 23:14	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/17 23:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/17 23:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/17 23:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/17 23:14	1
Styrene	ND		1.0	0.73	ug/L			06/20/17 23:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/17 23:14	1
Toluene	ND		1.0	0.51	ug/L			06/20/17 23:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/17 23:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/17 23:14	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/17 23:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/17 23:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/17 23:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/17 23:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*06/20/17 23:14*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*06/20/17 23:14*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/20/17 23:14*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*06/20/17 23:14*	*1*

Lab Sample ID: LCS 480-363038/5
Matrix: Water
Analysis Batch: 363038

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	29.2		ug/L		117	73 - 126

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

Lab Sample ID: LCS 480-363038/5
Matrix: Water
Analysis Batch: 363038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	20.9		ug/L		84	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.3		ug/L		105	61 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	23.3		ug/L		93	66 - 127
1,2,4-Trichlorobenzene	25.0	21.3		ug/L		85	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	27.0		ug/L		108	75 - 120
1,2-Dichloropropane	25.0	22.9		ug/L		92	76 - 120
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 120
2-Butanone (MEK)	125	122		ug/L		98	57 - 140
2-Hexanone	125	133		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	153		ug/L		123	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Bromoform	25.0	25.9		ug/L		103	61 - 132
Bromomethane	25.0	24.9		ug/L		100	55 - 144
Carbon disulfide	25.0	23.3		ug/L		93	59 - 134
Carbon tetrachloride	25.0	35.0	*	ug/L		140	72 - 134
Chlorobenzene	25.0	24.1		ug/L		96	80 - 120
Chloroethane	25.0	24.9		ug/L		100	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	24.8		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	23.9		ug/L		96	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dibromochloromethane	25.0	28.9		ug/L		116	75 - 125
Dichlorodifluoromethane	25.0	23.6		ug/L		94	59 - 135
Ethylbenzene	25.0	23.9		ug/L		95	77 - 123
Isopropylbenzene	25.0	21.8		ug/L		87	77 - 122
Methyl acetate	125	124		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	25.0	22.7		ug/L		91	68 - 134
Methylene Chloride	25.0	23.8		ug/L		95	75 - 124
Styrene	25.0	24.3		ug/L		97	80 - 120
Tetrachloroethene	25.0	27.0		ug/L		108	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	24.9		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	80 - 120
Trichloroethene	25.0	24.8		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	33.6		ug/L		134	62 - 150
Vinyl chloride	25.0	23.6		ug/L		94	65 - 133
Xylenes, Total	50.0	48.6		ug/L		97	76 - 122

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

Lab Sample ID: LCS 480-363038/5
Matrix: Water
Analysis Batch: 363038

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

Lab Sample ID: 480-119426-2 MS
Matrix: Ground Water
Analysis Batch: 363038

Client Sample ID: BCC Area C RFI-31-0617
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		200	209		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	ND		200	167		ug/L		84	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	185		ug/L		92	61 - 148
1,1,2-Trichloroethane	ND		200	195		ug/L		97	76 - 122
1,1-Dichloroethane	ND		200	194		ug/L		97	77 - 120
1,1-Dichloroethene	ND		200	176		ug/L		88	66 - 127
1,2,4-Trichlorobenzene	140	F1	200	274	F1	ug/L		68	79 - 122
1,2-Dibromo-3-Chloropropane	ND		200	174		ug/L		87	56 - 134
1,2-Dibromoethane	ND		200	196		ug/L		98	77 - 120
1,2-Dichlorobenzene	9.9		200	194		ug/L		92	80 - 124
1,2-Dichloroethane	ND		200	219		ug/L		109	75 - 120
1,2-Dichloropropane	ND		200	189		ug/L		95	76 - 120
1,3-Dichlorobenzene	220	F1	200	359	F1	ug/L		70	77 - 120
1,4-Dichlorobenzene	18		200	204		ug/L		93	78 - 124
2-Butanone (MEK)	ND		1000	947		ug/L		95	57 - 140
2-Hexanone	ND		1000	1030		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1000	1010		ug/L		101	71 - 125
Acetone	ND		1000	987		ug/L		99	56 - 142
Benzene	ND		200	193		ug/L		97	71 - 124
Bromodichloromethane	ND		200	214		ug/L		107	80 - 122
Bromoform	ND		200	195		ug/L		97	61 - 132
Bromomethane	ND		200	160		ug/L		80	55 - 144
Carbon disulfide	ND		200	163		ug/L		81	59 - 134
Carbon tetrachloride	ND	*	200	252		ug/L		126	72 - 134
Chlorobenzene	55		200	231		ug/L		88	80 - 120
Chloroethane	ND		200	170		ug/L		85	69 - 136
Chloroform	ND		200	199		ug/L		100	73 - 127
Chloromethane	ND		200	225		ug/L		113	68 - 124
cis-1,2-Dichloroethene	ND		200	195		ug/L		98	74 - 124
cis-1,3-Dichloropropene	ND		200	183		ug/L		92	74 - 124
Cyclohexane	ND		200	180		ug/L		90	59 - 135
Dibromochloromethane	ND		200	229		ug/L		114	75 - 125
Dichlorodifluoromethane	ND		200	186		ug/L		93	59 - 135
Ethylbenzene	ND		200	190		ug/L		95	77 - 123
Isopropylbenzene	ND		200	169		ug/L		84	77 - 122
Methyl acetate	ND		1000	1000		ug/L		100	74 - 133
Methyl tert-butyl ether	ND		200	204		ug/L		102	77 - 120

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

Lab Sample ID: 480-119426-2 MS
Matrix: Ground Water
Analysis Batch: 363038

Client Sample ID: BCC Area C RFI-31-0617
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	ND		200	160		ug/L		80	68 - 134
Methylene Chloride	ND		200	181		ug/L		91	75 - 124
Styrene	ND		200	197		ug/L		99	80 - 120
Tetrachloroethene	ND		200	219		ug/L		110	74 - 122
Toluene	ND		200	189		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND		200	196		ug/L		98	73 - 127
trans-1,3-Dichloropropene	ND		200	192		ug/L		96	80 - 120
Trichloroethene	ND		200	196		ug/L		98	74 - 123
Trichlorofluoromethane	ND		200	256		ug/L		128	62 - 150
Vinyl chloride	ND		200	176		ug/L		88	65 - 133
Xylenes, Total	ND		400	386		ug/L		97	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*111*		*75 - 123*

Lab Sample ID: 480-119426-2 MSD
Matrix: Ground Water
Analysis Batch: 363038

Client Sample ID: BCC Area C RFI-31-0617
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		200	216		ug/L		108	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		200	164		ug/L		82	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	189		ug/L		95	61 - 148	2	20
1,1,2-Trichloroethane	ND		200	192		ug/L		96	76 - 122	2	15
1,1-Dichloroethane	ND		200	182		ug/L		91	77 - 120	6	20
1,1-Dichloroethene	ND		200	172		ug/L		86	66 - 127	2	16
1,2,4-Trichlorobenzene	140	F1	200	276	F1	ug/L		69	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		200	187		ug/L		94	56 - 134	7	15
1,2-Dibromoethane	ND		200	204		ug/L		102	77 - 120	4	15
1,2-Dichlorobenzene	9.9		200	190		ug/L		90	80 - 124	2	20
1,2-Dichloroethane	ND		200	215		ug/L		107	75 - 120	2	20
1,2-Dichloropropane	ND		200	182		ug/L		91	76 - 120	4	20
1,3-Dichlorobenzene	220	F1	200	347	F1	ug/L		65	77 - 120	3	20
1,4-Dichlorobenzene	18		200	196		ug/L		89	78 - 124	4	20
2-Butanone (MEK)	ND		1000	930		ug/L		93	57 - 140	2	20
2-Hexanone	ND		1000	1050		ug/L		105	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		1000	1000		ug/L		100	71 - 125	1	35
Acetone	ND		1000	996		ug/L		100	56 - 142	1	15
Benzene	ND		200	183		ug/L		92	71 - 124	5	13
Bromodichloromethane	ND		200	202		ug/L		101	80 - 122	6	15
Bromoform	ND		200	195		ug/L		98	61 - 132	0	15
Bromomethane	ND		200	186		ug/L		93	55 - 144	15	15
Carbon disulfide	ND		200	160		ug/L		80	59 - 134	2	15
Carbon tetrachloride	ND	*	200	265		ug/L		133	72 - 134	5	15

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

Lab Sample ID: 480-119426-2 MSD
Matrix: Ground Water
Analysis Batch: 363038

Client Sample ID: BCC Area C RFI-31-0617
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	55		200	226		ug/L		86	80 - 120	2	25
Chloroethane	ND		200	184		ug/L		92	69 - 136	8	15
Chloroform	ND		200	190		ug/L		95	73 - 127	5	20
Chloromethane	ND		200	195		ug/L		98	68 - 124	14	15
cis-1,2-Dichloroethene	ND		200	180		ug/L		90	74 - 124	8	15
cis-1,3-Dichloropropene	ND		200	182		ug/L		91	74 - 124	1	15
Cyclohexane	ND		200	175		ug/L		87	59 - 135	3	20
Dibromochloromethane	ND		200	223		ug/L		111	75 - 125	3	15
Dichlorodifluoromethane	ND		200	189		ug/L		95	59 - 135	2	20
Ethylbenzene	ND		200	186		ug/L		93	77 - 123	2	15
Isopropylbenzene	ND		200	160		ug/L		80	77 - 122	5	20
Methyl acetate	ND		1000	995		ug/L		99	74 - 133	1	20
Methyl tert-butyl ether	ND		200	205		ug/L		103	77 - 120	0	37
Methylcyclohexane	ND		200	169		ug/L		84	68 - 134	5	20
Methylene Chloride	ND		200	175		ug/L		88	75 - 124	3	15
Styrene	ND		200	189		ug/L		94	80 - 120	5	20
Tetrachloroethene	ND		200	209		ug/L		104	74 - 122	5	20
Toluene	ND		200	179		ug/L		89	80 - 122	5	15
trans-1,2-Dichloroethene	ND		200	190		ug/L		95	73 - 127	3	20
trans-1,3-Dichloropropene	ND		200	193		ug/L		96	80 - 120	1	15
Trichloroethene	ND		200	189		ug/L		94	74 - 123	4	16
Trichlorofluoromethane	ND		200	253		ug/L		126	62 - 150	1	20
Vinyl chloride	ND		200	175		ug/L		87	65 - 133	1	15
Xylenes, Total	ND		400	375		ug/L		94	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*112*		*75 - 123*

Lab Sample ID: MB 480-363279/10
Matrix: Water
Analysis Batch: 363279

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			06/21/17 23:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/17 23:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/17 23:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/17 23:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/17 23:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/17 23:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/17 23:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/17 23:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/17 23:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/17 23:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/17 23:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/17 23:07	1

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

Lab Sample ID: MB 480-363279/10
Matrix: Water
Analysis Batch: 363279

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/17 23:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/17 23:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/17 23:07	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/17 23:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/17 23:07	1
Acetone	ND		10	3.0	ug/L			06/21/17 23:07	1
Benzene	ND		1.0	0.41	ug/L			06/21/17 23:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/17 23:07	1
Bromoform	ND		1.0	0.26	ug/L			06/21/17 23:07	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/17 23:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/17 23:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/17 23:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/17 23:07	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/17 23:07	1
Chloroform	ND		1.0	0.34	ug/L			06/21/17 23:07	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/17 23:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/17 23:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/17 23:07	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/17 23:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/17 23:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/17 23:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/17 23:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/17 23:07	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/17 23:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/17 23:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/17 23:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/17 23:07	1
Styrene	ND		1.0	0.73	ug/L			06/21/17 23:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/17 23:07	1
Toluene	ND		1.0	0.51	ug/L			06/21/17 23:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/17 23:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/17 23:07	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/17 23:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/17 23:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/17 23:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/17 23:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/21/17 23:07*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*06/21/17 23:07*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/21/17 23:07*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*06/21/17 23:07*	*1*

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

Lab Sample ID: LCS 480-363279/7
Matrix: Water
Analysis Batch: 363279

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	25.2		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.7		ug/L		87	61 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	22.9		ug/L		92	77 - 120
1,1-Dichloroethene	25.0	21.4		ug/L		86	66 - 127
1,2,4-Trichlorobenzene	25.0	23.0		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.9		ug/L		108	56 - 134
1,2-Dibromoethane	25.0	23.1		ug/L		92	77 - 120
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	22.3		ug/L		89	75 - 120
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Butanone (MEK)	125	127		ug/L		102	57 - 140
2-Hexanone	125	135		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		107	71 - 125
Acetone	125	124		ug/L		99	56 - 142
Benzene	25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	25.0	22.6		ug/L		90	80 - 122
Bromoform	25.0	21.8		ug/L		87	61 - 132
Bromomethane	25.0	21.3		ug/L		85	55 - 144
Carbon disulfide	25.0	22.1		ug/L		88	59 - 134
Carbon tetrachloride	25.0	21.2		ug/L		85	72 - 134
Chlorobenzene	25.0	22.3		ug/L		89	80 - 120
Chloroethane	25.0	22.9		ug/L		92	69 - 136
Chloroform	25.0	21.8		ug/L		87	73 - 127
Chloromethane	25.0	20.6		ug/L		82	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	23.8		ug/L		95	74 - 124
Cyclohexane	25.0	23.0		ug/L		92	59 - 135
Dibromochloromethane	25.0	22.8		ug/L		91	75 - 125
Dichlorodifluoromethane	25.0	16.7		ug/L		67	59 - 135
Ethylbenzene	25.0	22.5		ug/L		90	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	125	128		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	24.2		ug/L		97	77 - 120
Methylcyclohexane	25.0	23.0		ug/L		92	68 - 134
Methylene Chloride	25.0	23.5		ug/L		94	75 - 124
Styrene	25.0	23.1		ug/L		92	80 - 120
Tetrachloroethene	25.0	21.9		ug/L		88	74 - 122
Toluene	25.0	23.4		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	22.2		ug/L		89	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	80 - 120
Trichloroethene	25.0	22.0		ug/L		88	74 - 123
Trichlorofluoromethane	25.0	21.3		ug/L		85	62 - 150
Vinyl chloride	25.0	20.4		ug/L		82	65 - 133

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

Lab Sample ID: LCS 480-363279/7
Matrix: Water
Analysis Batch: 363279

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Xylenes, Total			50.0	44.8		ug/L		90	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: 480-119426-1 MS
Matrix: Ground Water
Analysis Batch: 363279

Client Sample ID: BCC Area C MW-C01-MS-0617
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	25.1		ug/L		100	73 - 126		
1,1,2,2-Tetrachloroethane	ND		25.0	26.8		ug/L		107	76 - 120		
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.3		ug/L		89	61 - 148		
1,1,2-Trichloroethane	ND		25.0	26.1		ug/L		104	76 - 122		
1,1-Dichloroethane	ND		25.0	26.0		ug/L		104	77 - 120		
1,1-Dichloroethene	ND		25.0	23.9		ug/L		95	66 - 127		
1,2,4-Trichlorobenzene	ND		25.0	23.9		ug/L		95	79 - 122		
1,2-Dibromo-3-Chloropropane	ND		25.0	27.5		ug/L		110	56 - 134		
1,2-Dibromoethane	ND		25.0	24.3		ug/L		97	77 - 120		
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	80 - 124		
1,2-Dichloroethane	ND	F1 *	25.0	24.3		ug/L		97	75 - 120		
1,2-Dichloropropane	ND		25.0	25.5		ug/L		102	76 - 120		
1,3-Dichlorobenzene	ND		25.0	25.0		ug/L		100	77 - 120		
1,4-Dichlorobenzene	ND		25.0	24.9		ug/L		100	78 - 124		
2-Butanone (MEK)	ND		125	128		ug/L		103	57 - 140		
2-Hexanone	ND		125	136		ug/L		108	65 - 127		
4-Methyl-2-pentanone (MIBK)	ND		125	138		ug/L		110	71 - 125		
Acetone	ND		125	126		ug/L		101	56 - 142		
Benzene	ND		25.0	25.9		ug/L		104	71 - 124		
Bromodichloromethane	ND	F1 *	25.0	24.7		ug/L		99	80 - 122		
Bromoform	ND		25.0	22.9		ug/L		92	61 - 132		
Bromomethane	ND		25.0	25.6		ug/L		102	55 - 144		
Carbon disulfide	ND		25.0	25.6		ug/L		102	59 - 134		
Carbon tetrachloride	ND	F1 *	25.0	24.1		ug/L		96	72 - 134		
Chlorobenzene	ND		25.0	24.2		ug/L		97	80 - 120		
Chloroethane	ND		25.0	26.8		ug/L		107	69 - 136		
Chloroform	ND		25.0	25.0		ug/L		100	73 - 127		
Chloromethane	ND		25.0	24.4		ug/L		97	68 - 124		
cis-1,2-Dichloroethene	ND		25.0	25.3		ug/L		101	74 - 124		
cis-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	74 - 124		
Cyclohexane	ND		25.0	24.0		ug/L		96	59 - 135		
Dibromochloromethane	ND		25.0	24.2		ug/L		97	75 - 125		
Dichlorodifluoromethane	ND		25.0	15.8		ug/L		63	59 - 135		
Ethylbenzene	ND		25.0	25.2		ug/L		101	77 - 123		

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

Lab Sample ID: 480-119426-1 MS
Matrix: Ground Water
Analysis Batch: 363279

Client Sample ID: BCC Area C MW-C01-MS-0617
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	ND		25.0	26.8		ug/L		107	77 - 122
Methyl acetate	ND		125	127		ug/L		102	74 - 133
Methyl tert-butyl ether	ND		25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	ND		25.0	22.7		ug/L		91	68 - 134
Methylene Chloride	ND		25.0	25.6		ug/L		102	75 - 124
Styrene	ND		25.0	25.0		ug/L		100	80 - 120
Tetrachloroethene	ND		25.0	24.2		ug/L		97	74 - 122
Toluene	ND		25.0	26.3		ug/L		105	80 - 122
trans-1,2-Dichloroethene	ND		25.0	25.4		ug/L		102	73 - 127
trans-1,3-Dichloropropene	ND		25.0	26.3		ug/L		105	80 - 120
Trichloroethene	ND		25.0	24.8		ug/L		99	74 - 123
Trichlorofluoromethane	ND	F1	25.0	23.2		ug/L		93	62 - 150
Vinyl chloride	ND		25.0	23.9		ug/L		96	65 - 133
Xylenes, Total	ND		50.0	49.8		ug/L		100	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: 480-119426-1 MSD
Matrix: Ground Water
Analysis Batch: 363279

Client Sample ID: BCC Area C MW-C01-MSD-0617
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	25.1		ug/L		101	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.7		ug/L		91	61 - 148	2	20
1,1,2-Trichloroethane	ND		25.0	26.0		ug/L		104	76 - 122	0	15
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	77 - 120	1	20
1,1-Dichloroethene	ND		25.0	24.0		ug/L		96	66 - 127	1	16
1,2,4-Trichlorobenzene	ND		25.0	23.6		ug/L		95	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.5		ug/L		110	56 - 134	0	15
1,2-Dibromoethane	ND		25.0	24.3		ug/L		97	77 - 120	0	15
1,2-Dichlorobenzene	ND		25.0	24.8		ug/L		99	80 - 124	1	20
1,2-Dichloroethane	ND	F1 *	25.0	24.2		ug/L		97	75 - 120	0	20
1,2-Dichloropropane	ND		25.0	25.1		ug/L		100	76 - 120	2	20
1,3-Dichlorobenzene	ND		25.0	25.0		ug/L		100	77 - 120	0	20
1,4-Dichlorobenzene	ND		25.0	24.6		ug/L		98	78 - 124	1	20
2-Butanone (MEK)	ND		125	129		ug/L		103	57 - 140	1	20
2-Hexanone	ND		125	135		ug/L		108	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		125	136		ug/L		109	71 - 125	1	35
Acetone	ND		125	127		ug/L		101	56 - 142	1	15
Benzene	ND		25.0	25.7		ug/L		103	71 - 124	1	13
Bromodichloromethane	ND	F1 *	25.0	24.7		ug/L		99	80 - 122	0	15
Bromoform	ND		25.0	23.0		ug/L		92	61 - 132	0	15

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

Lab Sample ID: 480-119426-1 MSD
Matrix: Ground Water
Analysis Batch: 363279

Client Sample ID: BCC Area C MW-C01-MSD-0617
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	ND		25.0	29.5		ug/L		118	55 - 144	14	15
Carbon disulfide	ND		25.0	25.8		ug/L		103	59 - 134	1	15
Carbon tetrachloride	ND	F1 *	25.0	24.2		ug/L		97	72 - 134	0	15
Chlorobenzene	ND		25.0	24.1		ug/L		97	80 - 120	0	25
Chloroethane	ND		25.0	31.1		ug/L		124	69 - 136	15	15
Chloroform	ND		25.0	24.5		ug/L		98	73 - 127	2	20
Chloromethane	ND		25.0	28.4		ug/L		114	68 - 124	15	15
cis-1,2-Dichloroethene	ND		25.0	25.2		ug/L		101	74 - 124	0	15
cis-1,3-Dichloropropene	ND		25.0	24.7		ug/L		99	74 - 124	1	15
Cyclohexane	ND		25.0	24.2		ug/L		97	59 - 135	1	20
Dibromochloromethane	ND		25.0	24.4		ug/L		98	75 - 125	1	15
Dichlorodifluoromethane	ND		25.0	19.8	F2	ug/L		79	59 - 135	22	20
Ethylbenzene	ND		25.0	25.1		ug/L		100	77 - 123	0	15
Isopropylbenzene	ND		25.0	26.7		ug/L		107	77 - 122	1	20
Methyl acetate	ND		125	127		ug/L		102	74 - 133	0	20
Methyl tert-butyl ether	ND		25.0	25.3		ug/L		101	77 - 120	0	37
Methylcyclohexane	ND		25.0	23.2		ug/L		93	68 - 134	2	20
Methylene Chloride	ND		25.0	25.8		ug/L		103	75 - 124	1	15
Styrene	ND		25.0	24.7		ug/L		99	80 - 120	1	20
Tetrachloroethene	ND		25.0	24.3		ug/L		97	74 - 122	0	20
Toluene	ND		25.0	26.1		ug/L		105	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	25.3		ug/L		101	73 - 127	0	20
trans-1,3-Dichloropropene	ND		25.0	26.4		ug/L		106	80 - 120	0	15
Trichloroethene	ND		25.0	24.7		ug/L		99	74 - 123	0	16
Trichlorofluoromethane	ND	F1	25.0	27.1		ug/L		108	62 - 150	15	20
Vinyl chloride	ND		25.0	28.7	F2	ug/L		115	65 - 133	18	15
Xylenes, Total	ND		50.0	49.4		ug/L		99	76 - 122	1	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

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

Lab Sample ID: MB 480-362656/1-A
Matrix: Water
Analysis Batch: 362944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 362656

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 18:14	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/17 07:52	06/20/17 18:14	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 18:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/17 07:52	06/20/17 18:14	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 18:14	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 18:14	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 18:14	1

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

Lab Sample ID: MB 480-362656/1-A
Matrix: Water
Analysis Batch: 362944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 362656

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 18:14	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/17 07:52	06/20/17 18:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/17 07:52	06/20/17 18:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 18:14	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/17 07:52	06/20/17 18:14	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/17 07:52	06/20/17 18:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 18:14	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/17 07:52	06/20/17 18:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 18:14	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 18:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/17 07:52	06/20/17 18:14	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 18:14	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 18:14	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/17 07:52	06/20/17 18:14	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/17 07:52	06/20/17 18:14	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/17 07:52	06/20/17 18:14	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/17 07:52	06/20/17 18:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/17 07:52	06/20/17 18:14	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 18:14	1
Aniline	ND		10	0.61	ug/L		06/19/17 07:52	06/20/17 18:14	1
Anthracene	ND		5.0	0.28	ug/L		06/19/17 07:52	06/20/17 18:14	1
Atrazine	ND		5.0	0.46	ug/L		06/19/17 07:52	06/20/17 18:14	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/17 07:52	06/20/17 18:14	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 18:14	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 18:14	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 18:14	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 18:14	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/19/17 07:52	06/20/17 18:14	1
Biphenyl	ND		5.0	0.65	ug/L		06/19/17 07:52	06/20/17 18:14	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/17 07:52	06/20/17 18:14	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/17 07:52	06/20/17 18:14	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 18:14	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 18:14	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/17 07:52	06/20/17 18:14	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/17 07:52	06/20/17 18:14	1
Carbazole	ND		5.0	0.30	ug/L		06/19/17 07:52	06/20/17 18:14	1
Chrysene	ND		5.0	0.33	ug/L		06/19/17 07:52	06/20/17 18:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/17 07:52	06/20/17 18:14	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/17 07:52	06/20/17 18:14	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/17 07:52	06/20/17 18:14	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 18:14	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/17 07:52	06/20/17 18:14	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 18:14	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/17 07:52	06/20/17 18:14	1
Fluorene	ND		5.0	0.36	ug/L		06/19/17 07:52	06/20/17 18:14	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 18:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/17 07:52	06/20/17 18:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 18:14	1

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

Lab Sample ID: MB 480-362656/1-A
Matrix: Water
Analysis Batch: 362944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 362656

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/17 07:52	06/20/17 18:14	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/19/17 07:52	06/20/17 18:14	1
Isophorone	ND		5.0	0.43	ug/L		06/19/17 07:52	06/20/17 18:14	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/17 07:52	06/20/17 18:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/17 07:52	06/20/17 18:14	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/17 07:52	06/20/17 18:14	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/17 07:52	06/20/17 18:14	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/17 07:52	06/20/17 18:14	1
Phenanthrene	ND		5.0	0.44	ug/L		06/19/17 07:52	06/20/17 18:14	1
Phenol	ND		5.0	0.39	ug/L		06/19/17 07:52	06/20/17 18:14	1
Pyrene	ND		5.0	0.34	ug/L		06/19/17 07:52	06/20/17 18:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*41 - 120*	*06/19/17 07:52*	*06/20/17 18:14*	*1*
2-Fluorobiphenyl	*85*		*48 - 120*	*06/19/17 07:52*	*06/20/17 18:14*	*1*
2-Fluorophenol	*75*		*35 - 120*	*06/19/17 07:52*	*06/20/17 18:14*	*1*
Nitrobenzene-d5	*102*		*46 - 120*	*06/19/17 07:52*	*06/20/17 18:14*	*1*
Phenol-d5	*57*		*22 - 120*	*06/19/17 07:52*	*06/20/17 18:14*	*1*
p-Terphenyl-d14	*104*		*59 - 136*	*06/19/17 07:52*	*06/20/17 18:14*	*1*

Lab Sample ID: LCS 480-362656/2-A
Matrix: Water
Analysis Batch: 362944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 362656

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	33.9		ug/L		106	65 - 126
2,4,6-Trichlorophenol	32.0	30.9		ug/L		97	64 - 120
2,4-Dichlorophenol	32.0	31.1		ug/L		97	63 - 120
2,4-Dimethylphenol	32.0	31.7		ug/L		99	47 - 120
2,4-Dinitrophenol	64.0	68.0		ug/L		106	31 - 137
2,4-Dinitrotoluene	32.0	33.3		ug/L		104	69 - 120
2,6-Dinitrotoluene	32.0	33.3		ug/L		104	68 - 120
2-Chloronaphthalene	32.0	28.9		ug/L		90	58 - 120
2-Chlorophenol	32.0	28.4		ug/L		89	48 - 120
2-Methylnaphthalene	32.0	27.7		ug/L		86	59 - 120
2-Methylphenol	32.0	29.3		ug/L		92	39 - 120
2-Nitroaniline	32.0	34.8		ug/L		109	54 - 127
2-Nitrophenol	32.0	31.0		ug/L		97	52 - 125
3,3'-Dichlorobenzidine	64.0	78.1	E	ug/L		122	49 - 135
3-Nitroaniline	32.0	30.2		ug/L		95	51 - 120
4,6-Dinitro-2-methylphenol	64.0	60.9		ug/L		95	46 - 136
4-Bromophenyl phenyl ether	32.0	33.5		ug/L		105	65 - 120
4-Chloro-3-methylphenol	32.0	31.6		ug/L		99	61 - 123
4-Chloroaniline	32.0	24.5		ug/L		77	30 - 120
4-Chlorophenyl phenyl ether	32.0	31.8		ug/L		99	62 - 120
4-Methylphenol	32.0	26.9		ug/L		84	29 - 131
4-Nitroaniline	32.0	38.4		ug/L		120	65 - 120
4-Nitrophenol	64.0	55.5		ug/L		87	45 - 120

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

Lab Sample ID: LCS 480-362656/2-A
Matrix: Water
Analysis Batch: 362944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 362656

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	32.0	31.1		ug/L		97	60 - 120
Acenaphthylene	32.0	31.3		ug/L		98	63 - 120
Acetophenone	32.0	29.9		ug/L		93	45 - 120
Aniline	32.0	18.0		ug/L		56	12 - 120
Anthracene	32.0	34.7		ug/L		109	67 - 120
Atrazine	64.0	79.4		ug/L		124	71 - 130
Benzaldehyde	64.0	51.9		ug/L		81	10 - 140
Benzo(a)anthracene	32.0	35.1		ug/L		110	70 - 121
Benzo(a)pyrene	32.0	31.8		ug/L		99	60 - 123
Benzo(b)fluoranthene	32.0	35.4		ug/L		110	66 - 126
Benzo(g,h,i)perylene	32.0	31.9		ug/L		100	66 - 150
Benzo(k)fluoranthene	32.0	35.5		ug/L		111	65 - 124
Biphenyl	32.0	31.5		ug/L		98	59 - 120
bis (2-chloroisopropyl) ether	32.0	31.0		ug/L		97	21 - 136
Bis(2-chloroethoxy)methane	32.0	32.1		ug/L		100	50 - 128
Bis(2-chloroethyl)ether	32.0	29.2		ug/L		91	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	30.7		ug/L		96	63 - 139
Butyl benzyl phthalate	32.0	33.1		ug/L		103	70 - 129
Caprolactam	64.0	29.0		ug/L		45	22 - 120
Carbazole	32.0	38.5		ug/L		120	66 - 123
Chrysene	32.0	34.2		ug/L		107	69 - 120
Dibenz(a,h)anthracene	32.0	33.0		ug/L		103	65 - 135
Dibenzofuran	32.0	31.7		ug/L		99	66 - 120
Diethyl phthalate	32.0	34.3		ug/L		107	59 - 127
Dimethyl phthalate	32.0	34.3		ug/L		107	68 - 120
Di-n-butyl phthalate	32.0	31.8		ug/L		99	69 - 131
Di-n-octyl phthalate	32.0	35.3		ug/L		110	63 - 140
Fluoranthene	32.0	34.1		ug/L		106	69 - 126
Fluorene	32.0	30.5		ug/L		95	66 - 120
Hexachlorobenzene	32.0	31.7		ug/L		99	61 - 120
Hexachlorobutadiene	32.0	22.4		ug/L		70	35 - 120
Hexachlorocyclopentadiene	32.0	15.0		ug/L		47	31 - 120
Hexachloroethane	32.0	21.6		ug/L		67	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	30.3		ug/L		95	69 - 146
Isophorone	32.0	32.8		ug/L		102	55 - 120
Naphthalene	32.0	28.1		ug/L		88	57 - 120
Nitrobenzene	32.0	30.9		ug/L		97	53 - 123
N-Nitrosodi-n-propylamine	32.0	30.4		ug/L		95	32 - 140
N-Nitrosodiphenylamine	32.0	29.4		ug/L		92	61 - 120
Pentachlorophenol	64.0	61.4		ug/L		96	29 - 136
Phenanthrene	32.0	34.3		ug/L		107	68 - 120
Phenol	32.0	18.2		ug/L		57	17 - 120
Pyrene	32.0	36.2		ug/L		113	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*96*		*41 - 120*
2-Fluorobiphenyl	*86*		*48 - 120*
2-Fluorophenol	*72*		*35 - 120*

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

Lab Sample ID: LCS 480-362656/2-A
Matrix: Water
Analysis Batch: 362944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 362656

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*92*		*46 - 120*
Phenol-d5	*58*		*22 - 120*
p-Terphenyl-d14	*103*		*59 - 136*

Lab Sample ID: 480-119426-1 MS
Matrix: Ground Water
Analysis Batch: 362944

Client Sample ID: BCC Area C MW-C01-MS-0617
Prep Type: Total/NA
Prep Batch: 362656

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	33.3		ug/L		104	65 - 126
2,4,6-Trichlorophenol	ND		32.0	29.8		ug/L		93	64 - 120
2,4-Dichlorophenol	ND		32.0	30.8		ug/L		96	48 - 132
2,4-Dimethylphenol	ND		32.0	32.8		ug/L		103	39 - 130
2,4-Dinitrophenol	ND		64.0	72.8		ug/L		114	21 - 150
2,4-Dinitrotoluene	ND		32.0	32.9		ug/L		103	54 - 138
2,6-Dinitrotoluene	ND		32.0	32.6		ug/L		102	17 - 150
2-Chloronaphthalene	ND		32.0	29.0		ug/L		91	52 - 124
2-Chlorophenol	ND		32.0	30.6		ug/L		96	48 - 120
2-Methylnaphthalene	ND		32.0	29.5		ug/L		92	34 - 140
2-Methylphenol	ND		32.0	31.0		ug/L		97	46 - 120
2-Nitroaniline	ND		32.0	31.9		ug/L		100	44 - 136
2-Nitrophenol	ND		32.0	31.8		ug/L		99	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	57.3		ug/L		89	10 - 150
3-Nitroaniline	ND		32.0	27.4		ug/L		86	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	63.2		ug/L		99	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	32.4		ug/L		101	63 - 126
4-Chloro-3-methylphenol	ND		32.0	32.6		ug/L		102	64 - 127
4-Chloroaniline	ND		32.0	21.8		ug/L		68	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	32.6		ug/L		102	61 - 120
4-Methylphenol	ND		32.0	27.8		ug/L		87	36 - 120
4-Nitroaniline	ND		32.0	35.0		ug/L		109	32 - 150
4-Nitrophenol	ND		64.0	53.7		ug/L		84	23 - 132
Acenaphthene	ND		32.0	32.3		ug/L		101	48 - 120
Acenaphthylene	ND		32.0	32.0		ug/L		100	63 - 120
Acetophenone	ND		32.0	30.5		ug/L		95	53 - 120
Aniline	ND		32.0	20.0		ug/L		62	32 - 120
Anthracene	ND		32.0	33.8		ug/L		106	65 - 122
Atrazine	ND		64.0	80.2		ug/L		125	50 - 150
Benzaldehyde	ND		64.0	51.4		ug/L		80	10 - 150
Benzo(a)anthracene	ND		32.0	28.3		ug/L		88	43 - 124
Benzo(a)pyrene	ND		32.0	22.9		ug/L		71	23 - 125
Benzo(b)fluoranthene	ND		32.0	26.8		ug/L		84	27 - 127
Benzo(g,h,i)perylene	ND		32.0	22.0		ug/L		69	16 - 147
Benzo(k)fluoranthene	ND		32.0	25.1		ug/L		78	20 - 124
Biphenyl	ND		32.0	31.3		ug/L		98	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	31.6		ug/L		99	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	32.2		ug/L		101	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	30.8		ug/L		96	45 - 120

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

Lab Sample ID: 480-119426-1 MS
Matrix: Ground Water
Analysis Batch: 362944

Client Sample ID: BCC Area C MW-C01-MS-0617
Prep Type: Total/NA
Prep Batch: 362656

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	ND		32.0	21.2		ug/L		66	16 - 150
Butyl benzyl phthalate	ND		32.0	30.7		ug/L		96	51 - 140
Caprolactam	ND		64.0	26.5		ug/L		41	10 - 120
Carbazole	ND		32.0	41.1		ug/L		128	16 - 148
Chrysene	ND		32.0	28.5		ug/L		89	44 - 122
Dibenz(a,h)anthracene	ND		32.0	21.6		ug/L		68	16 - 139
Dibenzofuran	ND		32.0	31.8		ug/L		100	60 - 120
Diethyl phthalate	ND		32.0	35.1		ug/L		110	53 - 133
Dimethyl phthalate	ND		32.0	33.7		ug/L		105	59 - 123
Di-n-butyl phthalate	ND		32.0	31.7		ug/L		99	65 - 129
Di-n-octyl phthalate	ND		32.0	23.0		ug/L		72	16 - 150
Fluoranthene	ND		32.0	34.7		ug/L		109	63 - 129
Fluorene	ND		32.0	31.7		ug/L		99	62 - 120
Hexachlorobenzene	ND		32.0	31.4		ug/L		98	57 - 121
Hexachlorobutadiene	ND		32.0	25.2		ug/L		79	37 - 120
Hexachlorocyclopentadiene	ND		32.0	16.6		ug/L		52	21 - 120
Hexachloroethane	ND		32.0	23.8		ug/L		74	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	20.9		ug/L		65	16 - 140
Isophorone	ND		32.0	32.7		ug/L		102	48 - 133
Naphthalene	ND		32.0	28.6		ug/L		89	45 - 120
Nitrobenzene	ND		32.0	31.4		ug/L		98	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	30.4		ug/L		95	49 - 120
N-Nitrosodiphenylamine	ND		32.0	29.6		ug/L		92	39 - 138
Pentachlorophenol	ND		64.0	65.1		ug/L		102	23 - 149
Phenanthrene	ND		32.0	34.5		ug/L		108	65 - 122
Phenol	ND		32.0	18.3		ug/L		57	16 - 120
Pyrene	ND		32.0	36.4		ug/L		114	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*97*		*41 - 120*
2-Fluorobiphenyl	*83*		*48 - 120*
2-Fluorophenol	*72*		*35 - 120*
Nitrobenzene-d5	*91*		*46 - 120*
Phenol-d5	*57*		*22 - 120*
p-Terphenyl-d14	*71*		*59 - 136*

Lab Sample ID: 480-119426-1 MSD
Matrix: Ground Water
Analysis Batch: 362944

Client Sample ID: BCC Area C MW-C01-MSD-0617
Prep Type: Total/NA
Prep Batch: 362656

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	33.1		ug/L		104	65 - 126	1	18
2,4,6-Trichlorophenol	ND		32.0	31.0		ug/L		97	64 - 120	4	19
2,4-Dichlorophenol	ND		32.0	30.4		ug/L		95	48 - 132	1	19
2,4-Dimethylphenol	ND		32.0	30.6		ug/L		96	39 - 130	7	42
2,4-Dinitrophenol	ND		64.0	71.2		ug/L		111	21 - 150	2	22
2,4-Dinitrotoluene	ND		32.0	32.6		ug/L		102	54 - 138	1	20
2,6-Dinitrotoluene	ND		32.0	34.1		ug/L		107	17 - 150	5	15

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

Lab Sample ID: 480-119426-1 MSD | **Client Sample ID: BCC Area C MW-C01-MSD-0617**
Matrix: Ground Water | **Prep Type: Total/NA**
Analysis Batch: 362944 | **Prep Batch: 362656**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene	ND		32.0	30.8		ug/L		96	52 - 124	6	21
2-Chlorophenol	ND		32.0	30.2		ug/L		95	48 - 120	1	25
2-Methylnaphthalene	ND		32.0	30.6		ug/L		96	34 - 140	4	21
2-Methylphenol	ND		32.0	28.4		ug/L		89	46 - 120	9	27
2-Nitroaniline	ND		32.0	33.2		ug/L		104	44 - 136	4	15
2-Nitrophenol	ND		32.0	30.4		ug/L		95	38 - 141	4	18
3,3'-Dichlorobenzidine	ND		64.0	56.9		ug/L		89	10 - 150	1	25
3-Nitroaniline	ND		32.0	28.0		ug/L		87	32 - 150	2	19
4,6-Dinitro-2-methylphenol	ND		64.0	64.5		ug/L		101	38 - 150	2	15
4-Bromophenyl phenyl ether	ND		32.0	32.1		ug/L		100	63 - 126	1	15
4-Chloro-3-methylphenol	ND		32.0	31.9		ug/L		100	64 - 127	2	27
4-Chloroaniline	ND		32.0	23.0		ug/L		72	16 - 124	5	22
4-Chlorophenyl phenyl ether	ND		32.0	35.4		ug/L		111	61 - 120	8	16
4-Methylphenol	ND		32.0	28.6		ug/L		89	36 - 120	3	24
4-Nitroaniline	ND		32.0	32.4		ug/L		101	32 - 150	8	24
4-Nitrophenol	ND		64.0	54.7		ug/L		85	23 - 132	2	48
Acenaphthene	ND		32.0	32.4		ug/L		101	48 - 120	0	24
Acenaphthylene	ND		32.0	32.7		ug/L		102	63 - 120	2	18
Acetophenone	ND		32.0	33.1		ug/L		104	53 - 120	8	20
Aniline	ND		32.0	20.9		ug/L		65	32 - 120	4	30
Anthracene	ND		32.0	33.3		ug/L		104	65 - 122	2	15
Atrazine	ND		64.0	82.0		ug/L		128	50 - 150	2	20
Benzaldehyde	ND		64.0	53.3		ug/L		83	10 - 150	4	20
Benzo(a)anthracene	ND		32.0	28.3		ug/L		88	43 - 124	0	15
Benzo(a)pyrene	ND		32.0	22.8		ug/L		71	23 - 125	0	15
Benzo(b)fluoranthene	ND		32.0	27.0		ug/L		85	27 - 127	1	15
Benzo(g,h,i)perylene	ND		32.0	21.8		ug/L		68	16 - 147	1	15
Benzo(k)fluoranthene	ND		32.0	24.8		ug/L		78	20 - 124	1	22
Biphenyl	ND		32.0	33.1		ug/L		103	57 - 120	6	20
bis (2-chloroisopropyl) ether	ND		32.0	33.4		ug/L		104	28 - 121	5	24
Bis(2-chloroethoxy)methane	ND		32.0	31.5		ug/L		98	44 - 128	2	17
Bis(2-chloroethyl)ether	ND		32.0	31.3		ug/L		98	45 - 120	2	21
Bis(2-ethylhexyl) phthalate	ND		32.0	19.9		ug/L		62	16 - 150	6	15
Butyl benzyl phthalate	ND		32.0	30.9		ug/L		97	51 - 140	1	16
Caprolactam	ND		64.0	26.5		ug/L		41	10 - 120	0	20
Carbazole	ND		32.0	39.3		ug/L		123	16 - 148	4	20
Chrysene	ND		32.0	26.3		ug/L		82	44 - 122	8	15
Dibenz(a,h)anthracene	ND		32.0	21.0		ug/L		66	16 - 139	3	15
Dibenzofuran	ND		32.0	31.4		ug/L		98	60 - 120	1	15
Diethyl phthalate	ND		32.0	35.6		ug/L		111	53 - 133	1	15
Dimethyl phthalate	ND		32.0	35.5		ug/L		111	59 - 123	5	15
Di-n-butyl phthalate	ND		32.0	31.6		ug/L		99	65 - 129	0	15
Di-n-octyl phthalate	ND		32.0	22.8		ug/L		71	16 - 150	1	16
Fluoranthene	ND		32.0	34.5		ug/L		108	63 - 129	1	15
Fluorene	ND		32.0	33.9		ug/L		106	62 - 120	7	15
Hexachlorobenzene	ND		32.0	29.7		ug/L		93	57 - 121	5	15
Hexachlorobutadiene	ND		32.0	25.2		ug/L		79	37 - 120	0	44
Hexachlorocyclopentadiene	ND		32.0	16.5		ug/L		52	21 - 120	1	49

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

Lab Sample ID: 480-119426-1 MSD
Matrix: Ground Water
Analysis Batch: 362944

Client Sample ID: BCC Area C MW-C01-MSD-0617
Prep Type: Total/NA
Prep Batch: 362656

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane	ND		32.0	25.5		ug/L		80	16 - 130	7	46
Indeno(1,2,3-cd)pyrene	ND		32.0	20.2		ug/L		63	16 - 140	3	15
Isophorone	ND		32.0	31.7		ug/L		99	48 - 133	3	17
Naphthalene	ND		32.0	28.9		ug/L		90	45 - 120	1	29
Nitrobenzene	ND		32.0	30.4		ug/L		95	45 - 123	3	24
N-Nitrosodi-n-propylamine	ND		32.0	33.8		ug/L		106	49 - 120	10	31
N-Nitrosodiphenylamine	ND		32.0	29.5		ug/L		92	39 - 138	0	15
Pentachlorophenol	ND		64.0	67.2		ug/L		105	23 - 149	3	37
Phenanthrene	ND		32.0	34.1		ug/L		107	65 - 122	1	15
Phenol	ND		32.0	18.3		ug/L		57	16 - 120	0	34
Pyrene	ND		32.0	35.8		ug/L		112	58 - 128	2	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*95*		*41 - 120*
2-Fluorobiphenyl	*89*		*48 - 120*
2-Fluorophenol	*75*		*35 - 120*
Nitrobenzene-d5	*89*		*46 - 120*
Phenol-d5	*57*		*22 - 120*
p-Terphenyl-d14	*69*		*59 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-362028/1-A
Matrix: Water
Analysis Batch: 364061

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 362028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/14/17 09:05	06/21/17 09:39	1
Antimony	ND		0.020	0.0068	mg/L		06/14/17 09:05	06/21/17 09:39	1
Arsenic	ND		0.015	0.0056	mg/L		06/14/17 09:05	06/21/17 09:39	1
Barium	ND		0.0020	0.00070	mg/L		06/14/17 09:05	06/21/17 09:39	1
Beryllium	ND		0.0020	0.00030	mg/L		06/14/17 09:05	06/21/17 09:39	1
Cadmium	ND		0.0020	0.00050	mg/L		06/14/17 09:05	06/21/17 09:39	1
Calcium	ND		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 09:39	1
Chromium	ND		0.0040	0.0010	mg/L		06/14/17 09:05	06/21/17 09:39	1
Cobalt	ND		0.0040	0.00063	mg/L		06/14/17 09:05	06/21/17 09:39	1
Copper	ND		0.010	0.0016	mg/L		06/14/17 09:05	06/21/17 09:39	1
Iron	ND		0.050	0.019	mg/L		06/14/17 09:05	06/21/17 09:39	1
Lead	ND		0.010	0.0030	mg/L		06/14/17 09:05	06/21/17 09:39	1
Magnesium	ND		0.20	0.043	mg/L		06/14/17 09:05	06/21/17 09:39	1
Manganese	ND		0.0030	0.00040	mg/L		06/14/17 09:05	06/21/17 09:39	1
Nickel	ND		0.010	0.0013	mg/L		06/14/17 09:05	06/21/17 09:39	1
Potassium	ND		0.50	0.10	mg/L		06/14/17 09:05	06/21/17 09:39	1
Selenium	ND		0.025	0.0087	mg/L		06/14/17 09:05	06/21/17 09:39	1
Silver	ND		0.0060	0.0017	mg/L		06/14/17 09:05	06/21/17 09:39	1
Sodium	ND		1.0	0.32	mg/L		06/14/17 09:05	06/21/17 09:39	1
Thallium	ND		0.020	0.010	mg/L		06/14/17 09:05	06/21/17 09:39	1
Vanadium	ND		0.0050	0.0015	mg/L		06/14/17 09:05	06/21/17 09:39	1

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

Lab Sample ID: MB 480-362028/1-A
Matrix: Water
Analysis Batch: 364061

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 362028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/14/17 09:05	06/21/17 09:39	1

Lab Sample ID: LCS 480-362028/2-A
Matrix: Water
Analysis Batch: 364061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 362028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.87		mg/L		99	80 - 120
Antimony	0.200	0.209		mg/L		104	80 - 120
Arsenic	0.200	0.200		mg/L		100	80 - 120
Barium	0.200	0.210		mg/L		105	80 - 120
Beryllium	0.200	0.205		mg/L		102	80 - 120
Cadmium	0.200	0.205		mg/L		102	80 - 120
Calcium	10.0	9.97		mg/L		100	80 - 120
Chromium	0.200	0.204		mg/L		102	80 - 120
Cobalt	0.200	0.193		mg/L		97	80 - 120
Copper	0.200	0.204		mg/L		102	80 - 120
Iron	10.0	10.43		mg/L		104	80 - 120
Lead	0.200	0.205		mg/L		102	80 - 120
Magnesium	10.0	10.38		mg/L		104	80 - 120
Manganese	0.200	0.208		mg/L		104	80 - 120
Nickel	0.200	0.196		mg/L		98	80 - 120
Potassium	10.0	9.86		mg/L		99	80 - 120
Selenium	0.200	0.197		mg/L		98	80 - 120
Silver	0.0500	0.0498		mg/L		100	80 - 120
Sodium	10.0	9.86		mg/L		98	80 - 120
Thallium	0.200	0.203		mg/L		102	80 - 120
Vanadium	0.200	0.203		mg/L		102	80 - 120
Zinc	0.200	0.203		mg/L		102	80 - 120

Lab Sample ID: 480-119426-1 MS
Matrix: Ground Water
Analysis Batch: 364061

Client Sample ID: BCC Area C MW-C01-MS-0617
Prep Type: Total/NA
Prep Batch: 362028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.60		10.0	10.83		mg/L		102	75 - 125
Antimony	ND		0.200	0.220		mg/L		110	75 - 125
Arsenic	ND		0.200	0.207		mg/L		104	75 - 125
Barium	0.13		0.200	0.334		mg/L		101	75 - 125
Beryllium	ND		0.200	0.205		mg/L		103	75 - 125
Cadmium	ND		0.200	0.213		mg/L		106	75 - 125
Calcium	146		10.0	152.7	4	mg/L		68	75 - 125
Chromium	0.0046		0.200	0.204		mg/L		100	75 - 125
Cobalt	ND		0.200	0.200		mg/L		100	75 - 125
Copper	0.0085	J	0.200	0.218		mg/L		105	75 - 125
Iron	0.88		10.0	11.06		mg/L		102	75 - 125
Magnesium	20.0		10.0	29.63		mg/L		96	75 - 125
Manganese	0.030		0.200	0.227		mg/L		99	75 - 125
Nickel	0.0032	J	0.200	0.205		mg/L		101	75 - 125

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

Lab Sample ID: 480-119426-1 MS — **Client Sample ID: BCC Area C MW-C01-MS-0617**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 364061 — **Prep Batch: 362028**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	49.9		10.0	60.46	4	mg/L		105	75 - 125
Selenium	ND		0.200	0.212		mg/L		106	75 - 125
Silver	ND		0.0500	0.0514		mg/L		103	75 - 125
Sodium	273		10.0	244.2	4	mg/L		-286	75 - 125
Thallium	ND		0.200	0.202		mg/L		101	75 - 125
Vanadium	0.0018	J	0.200	0.208		mg/L		103	75 - 125
Zinc	0.051		0.200	0.242		mg/L		96	75 - 125

Lab Sample ID: 480-119426-1 MS — **Client Sample ID: BCC Area C MW-C01-MS-0617**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 363907 — **Prep Batch: 362028**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.018	J	0.200	0.226		mg/L		104	75 - 125

Lab Sample ID: 480-119426-1 MSD — **Client Sample ID: BCC Area C MW-C01-MSD-0617**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 364061 — **Prep Batch: 362028**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.60		10.0	10.89		mg/L		103	75 - 125	0	20
Barium	0.13		0.200	0.334		mg/L		101	75 - 125	0	20
Potassium	49.9		10.0	60.49	4	mg/L		105	75 - 125	0	20
Silver	ND		0.0500	0.0508		mg/L		102	75 - 125	1	20
Sodium	273		10.0	244.5	4	mg/L		-283	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-361997/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 362258 — **Prep Batch: 361997**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/17 09:15	06/14/17 14:20	1

Lab Sample ID: LCS 480-361997/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 362258 — **Prep Batch: 361997**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00595		mg/L		89	80 - 120

Lab Sample ID: 480-119426-1 MS — **Client Sample ID: BCC Area C MW-C01-MS-0617**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 362258 — **Prep Batch: 361997**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00602		mg/L		90	80 - 120

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

Lab Sample ID: 480-119426-1 MSD
Matrix: Ground Water
Analysis Batch: 362258

Client Sample ID: BCC Area C MW-C01-MSD-0617
Prep Type: Total/NA
Prep Batch: 361997

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00612		mg/L		92	80 - 120	2	20

GC/MS VOA

Analysis Batch: 362016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	8260C	
MB 480-362016/6	Method Blank	Total/NA	Water	8260C	
LCS 480-362016/3	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 362625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	8260C	
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	8260C	
MB 480-362625/9	Method Blank	Total/NA	Water	8260C	
LCS 480-362625/7	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 362694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	8260C	
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	8260C	
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	8260C	
480-119426-9	TRIP BLANK	Total/NA	Water	8260C	
MB 480-362694/6	Method Blank	Total/NA	Water	8260C	
LCS 480-362694/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 362830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	8260C	
MB 480-362830/6	Method Blank	Total/NA	Water	8260C	
LCS 480-362830/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 363038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	8260C	
MB 480-363038/7	Method Blank	Total/NA	Water	8260C	
LCS 480-363038/5	Lab Control Sample	Total/NA	Water	8260C	
480-119426-2 MS	BCC Area C RFI-31-0617	Total/NA	Ground Water	8260C	
480-119426-2 MSD	BCC Area C RFI-31-0617	Total/NA	Ground Water	8260C	

Analysis Batch: 363279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-363279/10	Method Blank	Total/NA	Water	8260C	
LCS 480-363279/7	Lab Control Sample	Total/NA	Water	8260C	
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	8260C	
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 362656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	3510C	
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	3510C	
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	3510C	
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	3510C	
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 362656 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	3510C	
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	3510C	
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	3510C	
MB 480-362656/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-362656/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	3510C	
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	3510C	

Analysis Batch: 362944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	8270D	362656
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	8270D	362656
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	8270D	362656
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	8270D	362656
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	8270D	362656
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	8270D	362656
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	8270D	362656
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	8270D	362656
MB 480-362656/1-A	Method Blank	Total/NA	Water	8270D	362656
LCS 480-362656/2-A	Lab Control Sample	Total/NA	Water	8270D	362656
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	8270D	362656
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	8270D	362656

Metals

Prep Batch: 361997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	7470A	
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	7470A	
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	7470A	
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	7470A	
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	7470A	
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	7470A	
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	7470A	
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	7470A	
MB 480-361997/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-361997/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	7470A	
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	7470A	

Prep Batch: 362028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	3005A	
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	3005A	
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	3005A	
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	3005A	
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	3005A	
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	3005A	
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	3005A	
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	3005A	

Metals (Continued)

Prep Batch: 362028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-362028/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-362028/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	3005A	
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	3005A	

Analysis Batch: 362258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	7470A	361997
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	7470A	361997
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	7470A	361997
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	7470A	361997
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	7470A	361997
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	7470A	361997
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	7470A	361997
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	7470A	361997
MB 480-361997/1-A	Method Blank	Total/NA	Water	7470A	361997
LCS 480-361997/2-A	Lab Control Sample	Total/NA	Water	7470A	361997
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	7470A	361997
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	7470A	361997

Analysis Batch: 363907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	6010C	362028
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	6010C	362028
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	6010C	362028
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	6010C	362028
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	6010C	362028
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	6010C	362028
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	6010C	362028
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	6010C	362028
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	6010C	362028
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	6010C	362028

Analysis Batch: 364061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119426-1	BCC Area C MW-C01-0617	Total/NA	Ground Water	6010C	362028
480-119426-2	BCC Area C RFI-31-0617	Total/NA	Ground Water	6010C	362028
480-119426-3	BCC Area C PS-04-0617	Total/NA	Ground Water	6010C	362028
480-119426-4	BCC Area C MW-C04-0617	Total/NA	Ground Water	6010C	362028
480-119426-5	BCC Area C RFI-20-0617	Total/NA	Ground Water	6010C	362028
480-119426-6	BCC Area C PS-05A-0617	Total/NA	Ground Water	6010C	362028
480-119426-7	BCC Area C PS-06-0617	Total/NA	Ground Water	6010C	362028
480-119426-8	BCC Area C MW-C01-D-0617	Total/NA	Ground Water	6010C	362028
MB 480-362028/1-A	Method Blank	Total/NA	Water	6010C	362028
LCS 480-362028/2-A	Lab Control Sample	Total/NA	Water	6010C	362028
480-119426-1 MS	BCC Area C MW-C01-MS-0617	Total/NA	Ground Water	6010C	362028
480-119426-1 MSD	BCC Area C MW-C01-MSD-0617	Total/NA	Ground Water	6010C	362028

Lab Chronicle

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C01-0617

Lab Sample ID: 480-119426-1

Date Collected: 06/13/17 08:10

Matrix: Ground Water

Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	362625	06/18/17 15:26	JAS	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 20:08	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 09:46	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		2	363907	06/23/17 09:17	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:25	MVZ	TAL BUF

Client Sample ID: BCC Area C RFI-31-0617

Lab Sample ID: 480-119426-2

Date Collected: 06/13/17 11:18

Matrix: Ground Water

Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	363038	06/21/17 00:04	NEA	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 20:37	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 10:04	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		10	363907	06/23/17 09:34	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:33	MVZ	TAL BUF

Client Sample ID: BCC Area C PS-04-0617

Lab Sample ID: 480-119426-3

Date Collected: 06/13/17 09:50

Matrix: Ground Water

Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	362625	06/18/17 16:17	JAS	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 21:05	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 10:07	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		2	363907	06/23/17 09:38	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:35	MVZ	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C MW-C04-0617

Lab Sample ID: 480-119426-4

Date Collected: 06/13/17 12:10
Matrix: Ground Water
Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	362694	06/19/17 15:44	SWO	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 21:34	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 10:22	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		2	363907	06/23/17 09:42	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:41	MVZ	TAL BUF

Client Sample ID: BCC Area C RFI-20-0617

Lab Sample ID: 480-119426-5

Date Collected: 06/13/17 13:50
Matrix: Ground Water
Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	362694	06/19/17 16:07	SWO	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 22:02	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 10:25	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		2	363907	06/23/17 09:45	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:42	MVZ	TAL BUF

Client Sample ID: BCC Area C PS-05A-0617

Lab Sample ID: 480-119426-6

Date Collected: 06/13/17 14:30
Matrix: Ground Water
Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	362694	06/19/17 16:30	SWO	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 22:30	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 10:29	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		5	363907	06/23/17 09:59	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:44	MVZ	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-119426-1

Client Sample ID: BCC Area C PS-06-0617

Lab Sample ID: 480-119426-7

Date Collected: 06/13/17 13:05
Matrix: Ground Water
Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	362016	06/14/17 14:24	ARS	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 22:59	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 10:32	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		5	363907	06/23/17 10:03	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:46	MVZ	TAL BUF

Client Sample ID: BCC Area C MW-C01-D-0617

Lab Sample ID: 480-119426-8

Date Collected: 06/13/17 08:25
Matrix: Ground Water
Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	362830	06/20/17 00:13	NEA	TAL BUF
Total/NA	Prep	3510C			362656	06/19/17 07:52	JMP	TAL BUF
Total/NA	Analysis	8270D		1	362944	06/20/17 23:27	PJQ	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		1	364061	06/21/17 10:36	LMH	TAL BUF
Total/NA	Prep	3005A			362028	06/14/17 09:05	EMB	TAL BUF
Total/NA	Analysis	6010C		2	363907	06/23/17 10:07	LMH	TAL BUF
Total/NA	Prep	7470A			361997	06/14/17 09:15	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	362258	06/14/17 14:48	MVZ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-119426-9

Date Collected: 06/13/17 00:00
Matrix: Water
Date Received: 06/13/17 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	362694	06/19/17 17:16	SWO	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
TestAmerica Job ID: 480-119426-1
Project/Site: Buffalo Color Area C Wells

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Method Summary

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

TestAmerica Job ID: 480-119426-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

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

TestAmerica Job ID: 480-119426-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-119426-1	BCC Area C MW-C01-0617	Ground Water	06/13/17 08:10	06/13/17 15:45
480-119426-2	BCC Area C RFI-31-0617	Ground Water	06/13/17 11:18	06/13/17 15:45
480-119426-3	BCC Area C PS-04-0617	Ground Water	06/13/17 09:50	06/13/17 15:45
480-119426-4	BCC Area C MW-C04-0617	Ground Water	06/13/17 12:10	06/13/17 15:45
480-119426-5	BCC Area C RFI-20-0617	Ground Water	06/13/17 13:50	06/13/17 15:45
480-119426-6	BCC Area C PS-05A-0617	Ground Water	06/13/17 14:30	06/13/17 15:45
480-119426-7	BCC Area C PS-06-0617	Ground Water	06/13/17 13:05	06/13/17 15:45
480-119426-8	BCC Area C MW-C01-D-0617	Ground Water	06/13/17 08:25	06/13/17 15:45
480-119426-9	TRIP BLANK	Water	06/13/17 00:00	06/13/17 15:45

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 6-13-17	COC No: 18570.0617
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			SDG No.
(716) 842-1785 FAX	[x] 2 weeks			480-119426 COC
Project Name: Buffalo Color GWTF Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO # 60459	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals	8270C - (MOD) TLC SVOA - 4.2 list +analine	Sample Specific Notes:
BCC_Area C_MW-C01_0617	6/13-17	0810	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0617		1118	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0617		0950	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_0617		1210	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0617		1350	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0617		1430	G	W	6	N	3	1	2	
BCC_Area C_PS-06_0617		1305	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 D_0617		0825	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 MS_0617		0840	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 MSD_0617	6/13-17	0855	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
						Container Volume (mL)	40	250	250	
							2	4	1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:

2.8, 3.3 #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	6/13/17 1545			6/13/17 1545
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-119426-1

Login Number: 119426
List Number: 1
Creator: Janish, Carl 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.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

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

TestAmerica Job ID: 480-122870-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
8/29/2017 10:46:47 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

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-122870-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-122870-1

Comments
No additional comments.

Receipt
The samples were received on 8/17/2017 3:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C PS-05A_0817 (480-122870-6) and BCC Area C RFI-31 D_0817 (480-122870-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area C RFI-31_0817 (480-122870-2), BCC Area C RFI-31 MS_0817 (480-122870-2[MS]), BCC Area C RFI-31 MSD_0817 (480-122870-2[MSD]), BCC Area C MW-C04_0817 (480-122870-4) and BCC Area C PS-06_0817 (480-122870-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260B, 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C PS-05A_0817 (480-122870-6). 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 480-373128 recovered above the upper control limit for 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C01_0817 (480-122870-1), BCC Area C RFI-31_0817 (480-122870-2), BCC Area C PS-04_0817 (480-122870-3), BCC Area C MW-C04_0817 (480-122870-4), BCC Area C RFI-20_0817 (480-122870-5), BCC Area C PS-05A_0817 (480-122870-6), BCC Area C PS-06_0817 (480-122870-7) and BCC Area C RFI-31 D_0817 (480-122870-8).

Method(s) 8270D: The following sample was diluted due to color: BCC Area C PS-06_0817 (480-122870-7). Elevated reporting limits (RL) 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 C RFI-31 MS_0817 (480-122870-2[MS]) and BCC Area C RFI-31 MSD_0817 (480-122870-2[MSD]). These results have been reported and qualified.

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

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

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

Detection Summary

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C MW-C01_0817 — Lab Sample ID: 480-122870-1

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
Anthracene	0.35	J	5.0	0.28	ug/L	1		8270D	Total/NA
Benzo(a)anthracene	1.1	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	1.0	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	1.5	J	5.0	0.34	ug/L	1		8270D	Total/NA
Benzo(g,h,i)perylene	0.79	J	5.0	0.35	ug/L	1		8270D	Total/NA
Chrysene	1.0	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	2.4	J	5.0	0.40	ug/L	1		8270D	Total/NA
Indeno(1,2,3-cd)pyrene	0.72	J	5.0	0.47	ug/L	1		8270D	Total/NA
Phenanthrene	1.6	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	1.9	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	0.87		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	122		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0039	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0087	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	0.028		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	15.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.036	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0032	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	55.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	225		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0037	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.042		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31_0817 — Lab Sample ID: 480-122870-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	110		10	4.1	ug/L	10		8260C	Total/NA
1,3-Dichlorobenzene	120		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	10		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	46		10	7.5	ug/L	10		8260C	Total/NA
2,4-Dichlorophenol	1.1	J	5.0	0.51	ug/L	1		8270D	Total/NA
Barium	0.022		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00073	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	365		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	1.2		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	126		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	0.0041	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	14.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2080		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0069	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-04_0817 — Lab Sample ID: 480-122870-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Chlorophenol	0.86	J	5.0	0.53	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-04_0817 (Continued) — Lab Sample ID: 480-122870-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
N-Nitrosodiphenylamine	0.53	J	5.0	0.51	ug/L	1		8270D	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	215		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	5.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0031	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	33.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.2	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	99.8		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04_0817 — Lab Sample ID: 480-122870-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	10		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	17		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	140		10	7.5	ug/L	10		8260C	Total/NA
Barium	0.041		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0064		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	228		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.015		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.035		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.26		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	32.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.087	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.077		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.35		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-20_0817 — Lab Sample ID: 480-122870-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	25		1.0	0.75	ug/L	1		8260C	Total/NA
Barium	0.056		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	186		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.00069	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	5.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0031	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	25.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.43	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.014		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	27.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0051	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_0817 — Lab Sample ID: 480-122870-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	14		5.0	4.0	ug/L	5		8260C	Total/NA
Chlorobenzene - DL	550		10	7.5	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-05A_0817 (Continued) — Lab Sample ID: 480-122870-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Chlorophenol	5.4		5.0	0.53	ug/L	1		8270D	Total/NA
Arsenic	0.35		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.025		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	273		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	45.3		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	22.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.52	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	16.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	105		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0067	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_0817 — Lab Sample ID: 480-122870-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.099		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.011		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	232		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	48.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0052	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	13.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23	B	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	63.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	94.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0051	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31 D_0817 — Lab Sample ID: 480-122870-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	95		5.0	2.1	ug/L	5		8260C	Total/NA
1,2-Dichlorobenzene	5.0		5.0	4.0	ug/L	5		8260C	Total/NA
1,3-Dichlorobenzene	110		5.0	3.9	ug/L	5		8260C	Total/NA
1,4-Dichlorobenzene	9.6		5.0	4.2	ug/L	5		8260C	Total/NA
Chlorobenzene	42		5.0	3.8	ug/L	5		8260C	Total/NA
2,4-Dichlorophenol	1.1	J	5.0	0.51	ug/L	1		8270D	Total/NA
Barium	0.022		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00093	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	364		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0033	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	1.2		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	128		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	0.0044	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	14.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2100		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0075	J	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: TRIP BLANK **Lab Sample ID: 480-122870-9**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C MW-C01_0817
Date Collected: 08/17/17 10:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-1
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			08/27/17 14:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/27/17 14:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/27/17 14:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/27/17 14:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/27/17 14:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/27/17 14:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/27/17 14:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/27/17 14:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/27/17 14:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/27/17 14:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/27/17 14:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/27/17 14:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/27/17 14:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/27/17 14:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/27/17 14:51	1
2-Hexanone	ND		5.0	1.2	ug/L			08/27/17 14:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/27/17 14:51	1
Acetone	**3.1**	**J**	10	3.0	ug/L			08/27/17 14:51	1
Benzene	ND		1.0	0.41	ug/L			08/27/17 14:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/27/17 14:51	1
Bromoform	ND		1.0	0.26	ug/L			08/27/17 14:51	1
Bromomethane	ND		1.0	0.69	ug/L			08/27/17 14:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/27/17 14:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/27/17 14:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/27/17 14:51	1
Chloroethane	ND		1.0	0.32	ug/L			08/27/17 14:51	1
Chloroform	ND		1.0	0.34	ug/L			08/27/17 14:51	1
Chloromethane	ND		1.0	0.35	ug/L			08/27/17 14:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/27/17 14:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/27/17 14:51	1
Cyclohexane	ND		1.0	0.18	ug/L			08/27/17 14:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/27/17 14:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/27/17 14:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/27/17 14:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/27/17 14:51	1
Methyl acetate	ND		2.5	1.3	ug/L			08/27/17 14:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/27/17 14:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/27/17 14:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/27/17 14:51	1
Styrene	ND		1.0	0.73	ug/L			08/27/17 14:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/27/17 14:51	1
Toluene	ND		1.0	0.51	ug/L			08/27/17 14:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/27/17 14:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/27/17 14:51	1
Trichloroethene	ND		1.0	0.46	ug/L			08/27/17 14:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/27/17 14:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/27/17 14:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/17 14:51	1

Client Sample ID: BCC Area C MW-C01_0817
Date Collected: 08/17/17 10:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-1
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/27/17 14:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*08/27/17 14:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/27/17 14:51*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/27/17 14:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 20:20	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/17 12:59	08/21/17 20:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 20:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 20:20	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 20:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 20:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 20:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/18/17 12:59	08/21/17 20:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 20:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:20	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 20:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 20:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:20	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 20:20	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 20:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 20:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 20:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 20:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 20:20	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 20:20	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 20:20	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 20:20	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 20:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/17 12:59	08/21/17 20:20	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 20:20	1
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 20:20	1
Anthracene	**0.35**	**J**	5.0	0.28	ug/L		08/18/17 12:59	08/21/17 20:20	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 20:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 20:20	1
Benzo(a)anthracene	**1.1**	**J**	5.0	0.36	ug/L		08/18/17 12:59	08/21/17 20:20	1
Benzo(a)pyrene	**1.0**	**J**	5.0	0.47	ug/L		08/18/17 12:59	08/21/17 20:20	1
Benzo(b)fluoranthene	**1.5**	**J**	5.0	0.34	ug/L		08/18/17 12:59	08/21/17 20:20	1
Benzo(g,h,i)perylene	**0.79**	**J**	5.0	0.35	ug/L		08/18/17 12:59	08/21/17 20:20	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 20:20	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/17 12:59	08/21/17 20:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 20:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 20:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 20:20	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 20:20	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 20:20	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 20:20	1

Client Sample ID: BCC Area C MW-C01_0817
Date Collected: 08/17/17 10:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**1.0**	**J**	5.0	0.33	ug/L		08/18/17 12:59	08/21/17 20:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 20:20	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/17 12:59	08/21/17 20:20	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 20:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 20:20	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 20:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 20:20	1
Fluoranthene	**2.4**	**J**	5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:20	1
Fluorene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 20:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 20:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 20:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 20:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 20:20	1
Indeno(1,2,3-cd)pyrene	**0.72**	**J**	5.0	0.47	ug/L		08/18/17 12:59	08/21/17 20:20	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 20:20	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 20:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 20:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 20:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 20:20	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 20:20	1
Phenanthrene	**1.6**	**J**	5.0	0.44	ug/L		08/18/17 12:59	08/21/17 20:20	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 20:20	1
Pyrene	**1.9**	**J**	5.0	0.34	ug/L		08/18/17 12:59	08/21/17 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*41 - 120*	*08/18/17 12:59*	*08/21/17 20:20*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*08/18/17 12:59*	*08/21/17 20:20*	*1*
2-Fluorophenol	*65*		*35 - 120*	*08/18/17 12:59*	*08/21/17 20:20*	*1*
Nitrobenzene-d5	*90*		*46 - 120*	*08/18/17 12:59*	*08/21/17 20:20*	*1*
Phenol-d5	*48*		*22 - 120*	*08/18/17 12:59*	*08/21/17 20:20*	*1*
p-Terphenyl-d14	*66*		*59 - 136*	*08/18/17 12:59*	*08/21/17 20:20*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.87**		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 18:04	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:04	1
Arsenic	ND		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:04	1
Barium	**0.13**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:04	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:04	1
Cadmium	ND		0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:04	1
Calcium	**122**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:04	1
Chromium	**0.0039**	**J**	0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:04	1
Cobalt	ND		0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:04	1
Copper	**0.0087**	**J**	0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:04	1
Iron	**1.3**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:04	1
Lead	**0.028**		0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:04	1
Magnesium	**15.8**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:04	1
Manganese	**0.036**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:04	1
Nickel	**0.0032**	**J**	0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:04	1
Potassium	**55.7**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:04	1

Client Sample ID: BCC Area C MW-C01_0817
Date Collected: 08/17/17 10:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:04	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:04	1
Sodium	**225**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:04	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:04	1
Vanadium	**0.0037**	**J**	0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:04	1
Zinc	**0.042**		0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:05	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C RFI-31_0817
Date Collected: 08/17/17 08:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-2
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		10	8.2	ug/L			08/27/17 15:14	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/27/17 15:14	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/27/17 15:14	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/27/17 15:14	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/27/17 15:14	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/27/17 15:14	10
1,2,4-Trichlorobenzene	**110**		10	4.1	ug/L			08/27/17 15:14	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/27/17 15:14	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/27/17 15:14	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/27/17 15:14	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/27/17 15:14	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/27/17 15:14	10
1,3-Dichlorobenzene	**120**		10	7.8	ug/L			08/27/17 15:14	10
1,4-Dichlorobenzene	**10**		10	8.4	ug/L			08/27/17 15:14	10
2-Butanone (MEK)	ND		100	13	ug/L			08/27/17 15:14	10
2-Hexanone	ND		50	12	ug/L			08/27/17 15:14	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/27/17 15:14	10
Acetone	ND		100	30	ug/L			08/27/17 15:14	10
Benzene	ND		10	4.1	ug/L			08/27/17 15:14	10
Bromodichloromethane	ND		10	3.9	ug/L			08/27/17 15:14	10
Bromoform	ND		10	2.6	ug/L			08/27/17 15:14	10
Bromomethane	ND		10	6.9	ug/L			08/27/17 15:14	10
Carbon disulfide	ND		10	1.9	ug/L			08/27/17 15:14	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/27/17 15:14	10
Chlorobenzene	**46**		10	7.5	ug/L			08/27/17 15:14	10
Chloroethane	ND		10	3.2	ug/L			08/27/17 15:14	10
Chloroform	ND		10	3.4	ug/L			08/27/17 15:14	10
Chloromethane	ND		10	3.5	ug/L			08/27/17 15:14	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/27/17 15:14	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/27/17 15:14	10
Cyclohexane	ND		10	1.8	ug/L			08/27/17 15:14	10
Dibromochloromethane	ND		10	3.2	ug/L			08/27/17 15:14	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/27/17 15:14	10
Ethylbenzene	ND		10	7.4	ug/L			08/27/17 15:14	10
Isopropylbenzene	ND		10	7.9	ug/L			08/27/17 15:14	10
Methyl acetate	ND		25	13	ug/L			08/27/17 15:14	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/27/17 15:14	10
Methylcyclohexane	ND		10	1.6	ug/L			08/27/17 15:14	10
Methylene Chloride	ND		10	4.4	ug/L			08/27/17 15:14	10
Styrene	ND		10	7.3	ug/L			08/27/17 15:14	10
Tetrachloroethene	ND		10	3.6	ug/L			08/27/17 15:14	10
Toluene	ND		10	5.1	ug/L			08/27/17 15:14	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/27/17 15:14	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/27/17 15:14	10
Trichloroethene	ND		10	4.6	ug/L			08/27/17 15:14	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/27/17 15:14	10
Vinyl chloride	ND		10	9.0	ug/L			08/27/17 15:14	10
Xylenes, Total	ND		20	6.6	ug/L			08/27/17 15:14	10

Client Sample ID: BCC Area C RFI-31_0817

Date Collected: 08/17/17 08:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-2

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*08/27/17 15:14*	*10*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*08/27/17 15:14*	*10*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/27/17 15:14*	*10*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/27/17 15:14*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND	F1	5.0	0.48	ug/L		08/18/17 12:59	08/21/17 19:50	1
2,4,6-Trichlorophenol	ND	F1	5.0	0.61	ug/L		08/18/17 12:59	08/21/17 19:50	1
2,4-Dichlorophenol	**1.1**	**J**	5.0	0.51	ug/L		08/18/17 12:59	08/21/17 19:50	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 19:50	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 19:50	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 19:50	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 19:50	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 19:50	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/18/17 12:59	08/21/17 19:50	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 19:50	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 19:50	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 19:50	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 19:50	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 19:50	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 19:50	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 19:50	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 19:50	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 19:50	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 19:50	1
4-Chlorophenyl phenyl ether	ND	F1	5.0	0.35	ug/L		08/18/17 12:59	08/21/17 19:50	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 19:50	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 19:50	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 19:50	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 19:50	1
Acenaphthylene	ND	F1	5.0	0.38	ug/L		08/18/17 12:59	08/21/17 19:50	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 19:50	1
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 19:50	1
Anthracene	ND		5.0	0.28	ug/L		08/18/17 12:59	08/21/17 19:50	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 19:50	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 19:50	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 19:50	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 19:50	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 19:50	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 19:50	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 19:50	1
Biphenyl	ND	F1	5.0	0.65	ug/L		08/18/17 12:59	08/21/17 19:50	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 19:50	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 19:50	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 19:50	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 19:50	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 19:50	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 19:50	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 19:50	1

Client Sample ID: BCC Area C RFI-31_0817
Date Collected: 08/17/17 08:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/18/17 12:59	08/21/17 19:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 19:50	1
Dibenzofuran	ND	F1	10	0.51	ug/L		08/18/17 12:59	08/21/17 19:50	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 19:50	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 19:50	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 19:50	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 19:50	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 19:50	1
Fluorene	ND	F1	5.0	0.36	ug/L		08/18/17 12:59	08/21/17 19:50	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 19:50	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 19:50	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 19:50	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 19:50	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 19:50	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 19:50	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 19:50	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 19:50	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 19:50	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 19:50	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 19:50	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/17 12:59	08/21/17 19:50	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 19:50	1
Pyrene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*41 - 120*	*08/18/17 12:59*	*08/21/17 19:50*	*1*
2-Fluorobiphenyl	*49*		*48 - 120*	*08/18/17 12:59*	*08/21/17 19:50*	*1*
2-Fluorophenol	*63*		*35 - 120*	*08/18/17 12:59*	*08/21/17 19:50*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*08/18/17 12:59*	*08/21/17 19:50*	*1*
Phenol-d5	*48*		*22 - 120*	*08/18/17 12:59*	*08/21/17 19:50*	*1*
p-Terphenyl-d14	*61*		*59 - 136*	*08/18/17 12:59*	*08/21/17 19:50*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 18:08	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:08	1
Arsenic	ND		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:08	1
Barium	**0.022**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:08	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:08	1
Cadmium	**0.00073**	**J**	0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:08	1
Calcium	**365**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:08	1
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:08	1
Cobalt	**0.0036**	**J**	0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:08	1
Copper	ND		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:08	1
Iron	**1.2**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:08	1
Lead	ND		0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:08	1
Magnesium	**126**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:08	1
Manganese	**1.5**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:08	1
Nickel	**0.0041**	**J**	0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:08	1
Potassium	**14.4**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:08	1

Client Sample ID: BCC Area C RFI-31_0817
Date Collected: 08/17/17 08:25
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:08	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:08	1
Sodium	**2080**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:08	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:08	1
Vanadium	ND		0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:08	1
Zinc	**0.0069**	**J**	0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:07	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C PS-04_0817
Date Collected: 08/17/17 11:22
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-3
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			08/27/17 15:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/27/17 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/27/17 15:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/27/17 15:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/27/17 15:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/27/17 15:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/27/17 15:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/27/17 15:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/27/17 15:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/27/17 15:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/27/17 15:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/27/17 15:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/27/17 15:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/27/17 15:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/27/17 15:37	1
2-Hexanone	ND		5.0	1.2	ug/L			08/27/17 15:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/27/17 15:37	1
Acetone	ND		10	3.0	ug/L			08/27/17 15:37	1
Benzene	ND		1.0	0.41	ug/L			08/27/17 15:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/27/17 15:37	1
Bromoform	ND		1.0	0.26	ug/L			08/27/17 15:37	1
Bromomethane	ND		1.0	0.69	ug/L			08/27/17 15:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/27/17 15:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/27/17 15:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/27/17 15:37	1
Chloroethane	ND		1.0	0.32	ug/L			08/27/17 15:37	1
Chloroform	ND		1.0	0.34	ug/L			08/27/17 15:37	1
Chloromethane	ND		1.0	0.35	ug/L			08/27/17 15:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/27/17 15:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/27/17 15:37	1
Cyclohexane	ND		1.0	0.18	ug/L			08/27/17 15:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/27/17 15:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/27/17 15:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/27/17 15:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/27/17 15:37	1
Methyl acetate	ND		2.5	1.3	ug/L			08/27/17 15:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/27/17 15:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/27/17 15:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/27/17 15:37	1
Styrene	ND		1.0	0.73	ug/L			08/27/17 15:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/27/17 15:37	1
Toluene	ND		1.0	0.51	ug/L			08/27/17 15:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/27/17 15:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/27/17 15:37	1
Trichloroethene	ND		1.0	0.46	ug/L			08/27/17 15:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/27/17 15:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/27/17 15:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/17 15:37	1

Client Sample ID: BCC Area C PS-04_0817
Date Collected: 08/17/17 11:22
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-3
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/27/17 15:37*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/27/17 15:37*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/27/17 15:37*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/27/17 15:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 20:49	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/17 12:59	08/21/17 20:49	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 20:49	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 20:49	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 20:49	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 20:49	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:49	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 20:49	1
2-Chlorophenol	**0.86**	**J**	5.0	0.53	ug/L		08/18/17 12:59	08/21/17 20:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 20:49	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:49	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 20:49	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 20:49	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:49	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 20:49	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 20:49	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 20:49	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 20:49	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 20:49	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 20:49	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 20:49	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 20:49	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 20:49	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 20:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/17 12:59	08/21/17 20:49	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 20:49	1
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 20:49	1
Anthracene	ND		5.0	0.28	ug/L		08/18/17 12:59	08/21/17 20:49	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 20:49	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 20:49	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 20:49	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 20:49	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 20:49	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 20:49	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 20:49	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/17 12:59	08/21/17 20:49	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 20:49	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 20:49	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:49	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 20:49	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 20:49	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 20:49	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 20:49	1

Client Sample ID: BCC Area C PS-04_0817
Date Collected: 08/17/17 11:22
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/18/17 12:59	08/21/17 20:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 20:49	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/17 12:59	08/21/17 20:49	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 20:49	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 20:49	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 20:49	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 20:49	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 20:49	1
Fluorene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 20:49	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 20:49	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 20:49	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 20:49	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 20:49	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 20:49	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 20:49	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 20:49	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 20:49	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 20:49	1
N-Nitrosodiphenylamine	**0.53**	**J**	5.0	0.51	ug/L		08/18/17 12:59	08/21/17 20:49	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 20:49	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/17 12:59	08/21/17 20:49	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 20:49	1
Pyrene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*41 - 120*	*08/18/17 12:59*	*08/21/17 20:49*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*08/18/17 12:59*	*08/21/17 20:49*	*1*
2-Fluorophenol	*62*		*35 - 120*	*08/18/17 12:59*	*08/21/17 20:49*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*08/18/17 12:59*	*08/21/17 20:49*	*1*
Phenol-d5	*47*		*22 - 120*	*08/18/17 12:59*	*08/21/17 20:49*	*1*
p-Terphenyl-d14	*69*		*59 - 136*	*08/18/17 12:59*	*08/21/17 20:49*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 18:26	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:26	1
Arsenic	ND		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:26	1
Barium	**0.13**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:26	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:26	1
Cadmium	ND		0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:26	1
Calcium	**215**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:26	1
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:26	1
Cobalt	ND		0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:26	1
Copper	ND		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:26	1
Iron	**5.6**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:26	1
Lead	**0.0031**	**J**	0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:26	1
Magnesium	**33.9**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:26	1
Manganese	**1.2**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:26	1
Nickel	ND		0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:26	1
Potassium	**5.3**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:26	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C PS-04_0817
Date Collected: 08/17/17 11:22
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:26	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:26	1
Sodium	**99.8**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:26	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:26	1
Vanadium	ND		0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:26	1
Zinc	ND		0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:15	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C MW-C04_0817
Date Collected: 08/17/17 12:20
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-4
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		10	8.2	ug/L			08/27/17 16:00	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/27/17 16:00	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/27/17 16:00	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/27/17 16:00	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/27/17 16:00	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/27/17 16:00	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/27/17 16:00	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/27/17 16:00	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/27/17 16:00	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/27/17 16:00	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/27/17 16:00	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/27/17 16:00	10
1,3-Dichlorobenzene	**10**		10	7.8	ug/L			08/27/17 16:00	10
1,4-Dichlorobenzene	**17**		10	8.4	ug/L			08/27/17 16:00	10
2-Butanone (MEK)	ND		100	13	ug/L			08/27/17 16:00	10
2-Hexanone	ND		50	12	ug/L			08/27/17 16:00	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/27/17 16:00	10
Acetone	ND		100	30	ug/L			08/27/17 16:00	10
Benzene	ND		10	4.1	ug/L			08/27/17 16:00	10
Bromodichloromethane	ND		10	3.9	ug/L			08/27/17 16:00	10
Bromoform	ND		10	2.6	ug/L			08/27/17 16:00	10
Bromomethane	ND		10	6.9	ug/L			08/27/17 16:00	10
Carbon disulfide	ND		10	1.9	ug/L			08/27/17 16:00	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/27/17 16:00	10
Chlorobenzene	**140**		10	7.5	ug/L			08/27/17 16:00	10
Chloroethane	ND		10	3.2	ug/L			08/27/17 16:00	10
Chloroform	ND		10	3.4	ug/L			08/27/17 16:00	10
Chloromethane	ND		10	3.5	ug/L			08/27/17 16:00	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/27/17 16:00	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/27/17 16:00	10
Cyclohexane	ND		10	1.8	ug/L			08/27/17 16:00	10
Dibromochloromethane	ND		10	3.2	ug/L			08/27/17 16:00	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/27/17 16:00	10
Ethylbenzene	ND		10	7.4	ug/L			08/27/17 16:00	10
Isopropylbenzene	ND		10	7.9	ug/L			08/27/17 16:00	10
Methyl acetate	ND		25	13	ug/L			08/27/17 16:00	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/27/17 16:00	10
Methylcyclohexane	ND		10	1.6	ug/L			08/27/17 16:00	10
Methylene Chloride	ND		10	4.4	ug/L			08/27/17 16:00	10
Styrene	ND		10	7.3	ug/L			08/27/17 16:00	10
Tetrachloroethene	ND		10	3.6	ug/L			08/27/17 16:00	10
Toluene	ND		10	5.1	ug/L			08/27/17 16:00	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/27/17 16:00	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/27/17 16:00	10
Trichloroethene	ND		10	4.6	ug/L			08/27/17 16:00	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/27/17 16:00	10
Vinyl chloride	ND		10	9.0	ug/L			08/27/17 16:00	10
Xylenes, Total	ND		20	6.6	ug/L			08/27/17 16:00	10

Client Sample ID: BCC Area C MW-C04_0817

Lab Sample ID: 480-122870-4

Date Collected: 08/17/17 12:20

Matrix: Ground Water

Date Received: 08/17/17 15:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*08/27/17 16:00*	*10*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*08/27/17 16:00*	*10*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/27/17 16:00*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/27/17 16:00*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 21:18	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/17 12:59	08/21/17 21:18	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 21:18	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 21:18	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 21:18	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 21:18	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:18	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 21:18	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/18/17 12:59	08/21/17 21:18	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 21:18	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:18	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 21:18	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 21:18	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:18	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 21:18	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 21:18	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 21:18	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 21:18	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 21:18	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 21:18	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 21:18	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 21:18	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 21:18	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 21:18	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/17 12:59	08/21/17 21:18	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 21:18	1
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 21:18	1
Anthracene	ND		5.0	0.28	ug/L		08/18/17 12:59	08/21/17 21:18	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 21:18	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 21:18	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 21:18	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 21:18	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 21:18	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 21:18	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 21:18	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/17 12:59	08/21/17 21:18	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 21:18	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 21:18	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:18	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 21:18	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 21:18	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 21:18	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 21:18	1

Client Sample ID: BCC Area C MW-C04_0817
Date Collected: 08/17/17 12:20
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/18/17 12:59	08/21/17 21:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 21:18	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/17 12:59	08/21/17 21:18	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 21:18	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 21:18	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 21:18	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 21:18	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:18	1
Fluorene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 21:18	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 21:18	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 21:18	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 21:18	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 21:18	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 21:18	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 21:18	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 21:18	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 21:18	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 21:18	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 21:18	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 21:18	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/17 12:59	08/21/17 21:18	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 21:18	1
Pyrene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*41 - 120*	*08/18/17 12:59*	*08/21/17 21:18*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*08/18/17 12:59*	*08/21/17 21:18*	*1*
2-Fluorophenol	*72*		*35 - 120*	*08/18/17 12:59*	*08/21/17 21:18*	*1*
Nitrobenzene-d5	*96*		*46 - 120*	*08/18/17 12:59*	*08/21/17 21:18*	*1*
Phenol-d5	*53*		*22 - 120*	*08/18/17 12:59*	*08/21/17 21:18*	*1*
p-Terphenyl-d14	*75*		*59 - 136*	*08/18/17 12:59*	*08/21/17 21:18*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 18:30	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:30	1
Arsenic	ND		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:30	1
Barium	**0.041**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:30	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:30	1
Cadmium	**0.0064**		0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:30	1
Calcium	**228**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:30	1
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:30	1
Cobalt	**0.015**		0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:30	1
Copper	**0.035**		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:30	1
Iron	**0.26**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:30	1
Lead	ND		0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:30	1
Magnesium	**32.9**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:30	1
Manganese	**0.087**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:30	1
Nickel	**0.077**		0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:30	1
Potassium	**8.5**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:30	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C MW-C04_0817
Date Collected: 08/17/17 12:20
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:30	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:30	1
Sodium	**20.9**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:30	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:30	1
Vanadium	ND		0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:30	1
Zinc	**0.35**		0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:17	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C RFI-20_0817
Date Collected: 08/17/17 13:10
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-5
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			08/27/17 16:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/27/17 16:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/27/17 16:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/27/17 16:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/27/17 16:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/27/17 16:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/27/17 16:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/27/17 16:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/27/17 16:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/27/17 16:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/27/17 16:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/27/17 16:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/27/17 16:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/27/17 16:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/27/17 16:23	1
2-Hexanone	ND		5.0	1.2	ug/L			08/27/17 16:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/27/17 16:23	1
Acetone	ND		10	3.0	ug/L			08/27/17 16:23	1
Benzene	ND		1.0	0.41	ug/L			08/27/17 16:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/27/17 16:23	1
Bromoform	ND		1.0	0.26	ug/L			08/27/17 16:23	1
Bromomethane	ND		1.0	0.69	ug/L			08/27/17 16:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/27/17 16:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/27/17 16:23	1
Chlorobenzene	**25**		1.0	0.75	ug/L			08/27/17 16:23	1
Chloroethane	ND		1.0	0.32	ug/L			08/27/17 16:23	1
Chloroform	ND		1.0	0.34	ug/L			08/27/17 16:23	1
Chloromethane	ND		1.0	0.35	ug/L			08/27/17 16:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/27/17 16:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/27/17 16:23	1
Cyclohexane	ND		1.0	0.18	ug/L			08/27/17 16:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/27/17 16:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/27/17 16:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/27/17 16:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/27/17 16:23	1
Methyl acetate	ND		2.5	1.3	ug/L			08/27/17 16:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/27/17 16:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/27/17 16:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/27/17 16:23	1
Styrene	ND		1.0	0.73	ug/L			08/27/17 16:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/27/17 16:23	1
Toluene	ND		1.0	0.51	ug/L			08/27/17 16:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/27/17 16:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/27/17 16:23	1
Trichloroethene	ND		1.0	0.46	ug/L			08/27/17 16:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/27/17 16:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/27/17 16:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/17 16:23	1

Client Sample ID: BCC Area C RFI-20_0817
Date Collected: 08/17/17 13:10
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-5
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/27/17 16:23*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*08/27/17 16:23*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/27/17 16:23*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/27/17 16:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 21:48	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/17 12:59	08/21/17 21:48	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 21:48	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 21:48	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 21:48	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 21:48	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:48	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 21:48	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/18/17 12:59	08/21/17 21:48	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 21:48	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:48	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 21:48	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 21:48	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:48	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 21:48	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 21:48	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 21:48	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 21:48	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 21:48	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 21:48	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 21:48	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 21:48	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 21:48	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 21:48	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/17 12:59	08/21/17 21:48	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 21:48	1
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 21:48	1
Anthracene	ND		5.0	0.28	ug/L		08/18/17 12:59	08/21/17 21:48	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 21:48	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 21:48	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 21:48	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 21:48	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 21:48	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 21:48	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 21:48	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/17 12:59	08/21/17 21:48	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 21:48	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 21:48	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:48	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 21:48	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 21:48	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 21:48	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 21:48	1

Client Sample ID: BCC Area C RFI-20_0817
Date Collected: 08/17/17 13:10
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/18/17 12:59	08/21/17 21:48	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 21:48	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/17 12:59	08/21/17 21:48	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 21:48	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 21:48	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 21:48	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 21:48	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 21:48	1
Fluorene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 21:48	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 21:48	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 21:48	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 21:48	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 21:48	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 21:48	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 21:48	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 21:48	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 21:48	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 21:48	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 21:48	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 21:48	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/17 12:59	08/21/17 21:48	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 21:48	1
Pyrene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*95*		*41 - 120*	*08/18/17 12:59*	*08/21/17 21:48*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*08/18/17 12:59*	*08/21/17 21:48*	*1*
2-Fluorophenol	*65*		*35 - 120*	*08/18/17 12:59*	*08/21/17 21:48*	*1*
Nitrobenzene-d5	*87*		*46 - 120*	*08/18/17 12:59*	*08/21/17 21:48*	*1*
Phenol-d5	*49*		*22 - 120*	*08/18/17 12:59*	*08/21/17 21:48*	*1*
p-Terphenyl-d14	*63*		*59 - 136*	*08/18/17 12:59*	*08/21/17 21:48*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 18:33	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:33	1
Arsenic	ND		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:33	1
Barium	**0.056**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:33	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:33	1
Cadmium	ND		0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:33	1
Calcium	**186**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:33	1
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:33	1
Cobalt	**0.00069**	**J**	0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:33	1
Copper	ND		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:33	1
Iron	**5.1**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:33	1
Lead	**0.0031**	**J**	0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:33	1
Magnesium	**25.0**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:33	1
Manganese	**0.43**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:33	1
Nickel	**0.014**		0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:33	1
Potassium	**8.4**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:33	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C RFI-20_0817
Date Collected: 08/17/17 13:10
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:33	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:33	1
Sodium	**27.7**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:33	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:33	1
Vanadium	ND		0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:33	1
Zinc	**0.0051**	**J**	0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:19	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C PS-05A_0817
Date Collected: 08/17/17 14:00
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-6
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		5.0	4.1	ug/L			08/27/17 16:46	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			08/27/17 16:46	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			08/27/17 16:46	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			08/27/17 16:46	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			08/27/17 16:46	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			08/27/17 16:46	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			08/27/17 16:46	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			08/27/17 16:46	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			08/27/17 16:46	5
1,2-Dichlorobenzene	**14**		5.0	4.0	ug/L			08/27/17 16:46	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			08/27/17 16:46	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			08/27/17 16:46	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			08/27/17 16:46	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			08/27/17 16:46	5
2-Butanone (MEK)	ND		50	6.6	ug/L			08/27/17 16:46	5
2-Hexanone	ND		25	6.2	ug/L			08/27/17 16:46	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			08/27/17 16:46	5
Acetone	ND		50	15	ug/L			08/27/17 16:46	5
Benzene	ND		5.0	2.1	ug/L			08/27/17 16:46	5
Bromodichloromethane	ND		5.0	2.0	ug/L			08/27/17 16:46	5
Bromoform	ND		5.0	1.3	ug/L			08/27/17 16:46	5
Bromomethane	ND		5.0	3.5	ug/L			08/27/17 16:46	5
Carbon disulfide	ND		5.0	0.95	ug/L			08/27/17 16:46	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			08/27/17 16:46	5
Chloroethane	ND		5.0	1.6	ug/L			08/27/17 16:46	5
Chloroform	ND		5.0	1.7	ug/L			08/27/17 16:46	5
Chloromethane	ND		5.0	1.8	ug/L			08/27/17 16:46	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			08/27/17 16:46	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			08/27/17 16:46	5
Cyclohexane	ND		5.0	0.90	ug/L			08/27/17 16:46	5
Dibromochloromethane	ND		5.0	1.6	ug/L			08/27/17 16:46	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			08/27/17 16:46	5
Ethylbenzene	ND		5.0	3.7	ug/L			08/27/17 16:46	5
Isopropylbenzene	ND		5.0	4.0	ug/L			08/27/17 16:46	5
Methyl acetate	ND		13	6.5	ug/L			08/27/17 16:46	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			08/27/17 16:46	5
Methylcyclohexane	ND		5.0	0.80	ug/L			08/27/17 16:46	5
Methylene Chloride	ND		5.0	2.2	ug/L			08/27/17 16:46	5
Styrene	ND		5.0	3.7	ug/L			08/27/17 16:46	5
Tetrachloroethene	ND		5.0	1.8	ug/L			08/27/17 16:46	5
Toluene	ND		5.0	2.6	ug/L			08/27/17 16:46	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			08/27/17 16:46	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			08/27/17 16:46	5
Trichloroethene	ND		5.0	2.3	ug/L			08/27/17 16:46	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			08/27/17 16:46	5
Vinyl chloride	ND		5.0	4.5	ug/L			08/27/17 16:46	5
Xylenes, Total	ND		10	3.3	ug/L			08/27/17 16:46	5

Client Sample ID: BCC Area C PS-05A_0817
Date Collected: 08/17/17 14:00
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-6
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/27/17 16:46*	*5*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*08/27/17 16:46*	*5*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/27/17 16:46*	*5*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/27/17 16:46*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**550**		10	7.5	ug/L			08/28/17 16:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*08/28/17 16:40*	*10*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*08/28/17 16:40*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/28/17 16:40*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/28/17 16:40*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 22:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/17 12:59	08/21/17 22:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 22:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 22:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 22:17	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 22:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 22:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 22:17	1
2-Chlorophenol	**5.4**		5.0	0.53	ug/L		08/18/17 12:59	08/21/17 22:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 22:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 22:17	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 22:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 22:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 22:17	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 22:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 22:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 22:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 22:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 22:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 22:17	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 22:17	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 22:17	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 22:17	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 22:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/17 12:59	08/21/17 22:17	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 22:17	1
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 22:17	1
Anthracene	ND		5.0	0.28	ug/L		08/18/17 12:59	08/21/17 22:17	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 22:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 22:17	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 22:17	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 22:17	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 22:17	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 22:17	1

Client Sample ID: BCC Area C PS-05A_0817
Date Collected: 08/17/17 14:00
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 22:17	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/17 12:59	08/21/17 22:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 22:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 22:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 22:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 22:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 22:17	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 22:17	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 22:17	1
Chrysene	ND		5.0	0.33	ug/L		08/18/17 12:59	08/21/17 22:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 22:17	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/17 12:59	08/21/17 22:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 22:17	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 22:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 22:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 22:17	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 22:17	1
Fluorene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 22:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 22:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 22:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 22:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 22:17	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 22:17	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 22:17	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 22:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 22:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 22:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 22:17	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 22:17	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/17 12:59	08/21/17 22:17	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 22:17	1
Pyrene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*41 - 120*	*08/18/17 12:59*	*08/21/17 22:17*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*08/18/17 12:59*	*08/21/17 22:17*	*1*
2-Fluorophenol	*63*		*35 - 120*	*08/18/17 12:59*	*08/21/17 22:17*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*08/18/17 12:59*	*08/21/17 22:17*	*1*
Phenol-d5	*47*		*22 - 120*	*08/18/17 12:59*	*08/21/17 22:17*	*1*
p-Terphenyl-d14	*64*		*59 - 136*	*08/18/17 12:59*	*08/21/17 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		08/21/17 07:50	08/22/17 18:48	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:48	1
Arsenic	**0.35**		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:48	1
Barium	**0.025**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:48	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:48	1
Cadmium	ND		0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:48	1
Calcium	**273**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:48	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C PS-05A_0817
Date Collected: 08/17/17 14:00
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:48	1
Cobalt	ND		0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:48	1
Copper	ND		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:48	1
Iron	**45.3**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:48	1
Lead	**0.0047**	**J**	0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:48	1
Magnesium	**22.9**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:48	1
Manganese	**0.52**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:48	1
Nickel	ND		0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:48	1
Potassium	**16.0**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:48	1
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:48	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:48	1
Sodium	**105**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:48	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:48	1
Vanadium	**0.0017**	**J**	0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:48	1
Zinc	**0.0067**	**J**	0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:24	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C PS-06_0817
Date Collected: 08/17/17 14:45
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-7
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		5.0	4.1	ug/L			08/27/17 17:09	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			08/27/17 17:09	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			08/27/17 17:09	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			08/27/17 17:09	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			08/27/17 17:09	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			08/27/17 17:09	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			08/27/17 17:09	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			08/27/17 17:09	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			08/27/17 17:09	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			08/27/17 17:09	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			08/27/17 17:09	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			08/27/17 17:09	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			08/27/17 17:09	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			08/27/17 17:09	5
2-Butanone (MEK)	ND		50	6.6	ug/L			08/27/17 17:09	5
2-Hexanone	ND		25	6.2	ug/L			08/27/17 17:09	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			08/27/17 17:09	5
Acetone	ND		50	15	ug/L			08/27/17 17:09	5
Benzene	ND		5.0	2.1	ug/L			08/27/17 17:09	5
Bromodichloromethane	ND		5.0	2.0	ug/L			08/27/17 17:09	5
Bromoform	ND		5.0	1.3	ug/L			08/27/17 17:09	5
Bromomethane	ND		5.0	3.5	ug/L			08/27/17 17:09	5
Carbon disulfide	ND		5.0	0.95	ug/L			08/27/17 17:09	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			08/27/17 17:09	5
Chlorobenzene	ND		5.0	3.8	ug/L			08/27/17 17:09	5
Chloroethane	ND		5.0	1.6	ug/L			08/27/17 17:09	5
Chloroform	ND		5.0	1.7	ug/L			08/27/17 17:09	5
Chloromethane	ND		5.0	1.8	ug/L			08/27/17 17:09	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			08/27/17 17:09	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			08/27/17 17:09	5
Cyclohexane	ND		5.0	0.90	ug/L			08/27/17 17:09	5
Dibromochloromethane	ND		5.0	1.6	ug/L			08/27/17 17:09	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			08/27/17 17:09	5
Ethylbenzene	ND		5.0	3.7	ug/L			08/27/17 17:09	5
Isopropylbenzene	ND		5.0	4.0	ug/L			08/27/17 17:09	5
Methyl acetate	ND		13	6.5	ug/L			08/27/17 17:09	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			08/27/17 17:09	5
Methylcyclohexane	ND		5.0	0.80	ug/L			08/27/17 17:09	5
Methylene Chloride	ND		5.0	2.2	ug/L			08/27/17 17:09	5
Styrene	ND		5.0	3.7	ug/L			08/27/17 17:09	5
Tetrachloroethene	ND		5.0	1.8	ug/L			08/27/17 17:09	5
Toluene	ND		5.0	2.6	ug/L			08/27/17 17:09	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			08/27/17 17:09	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			08/27/17 17:09	5
Trichloroethene	ND		5.0	2.3	ug/L			08/27/17 17:09	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			08/27/17 17:09	5
Vinyl chloride	ND		5.0	4.5	ug/L			08/27/17 17:09	5
Xylenes, Total	ND		10	3.3	ug/L			08/27/17 17:09	5

Client Sample ID: BCC Area C PS-06_0817

Date Collected: 08/17/17 14:45
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-7

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/27/17 17:09*	*5*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*08/27/17 17:09*	*5*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/27/17 17:09*	*5*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/27/17 17:09*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		08/18/17 12:59	08/21/17 22:47	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		08/18/17 12:59	08/21/17 22:47	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		08/18/17 12:59	08/21/17 22:47	5
2,4-Dinitrophenol	ND		50	11	ug/L		08/18/17 12:59	08/21/17 22:47	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		08/18/17 12:59	08/21/17 22:47	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
2-Chloronaphthalene	ND		25	2.3	ug/L		08/18/17 12:59	08/21/17 22:47	5
2-Chlorophenol	ND		25	2.7	ug/L		08/18/17 12:59	08/21/17 22:47	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
2-Methylphenol	ND		25	2.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
2-Nitroaniline	ND		50	2.1	ug/L		08/18/17 12:59	08/21/17 22:47	5
2-Nitrophenol	ND		25	2.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
3-Nitroaniline	ND		50	2.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		08/18/17 12:59	08/21/17 22:47	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		08/18/17 12:59	08/21/17 22:47	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		08/18/17 12:59	08/21/17 22:47	5
4-Chloroaniline	ND		25	3.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
4-Methylphenol	ND		50	1.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
4-Nitroaniline	ND		50	1.3	ug/L		08/18/17 12:59	08/21/17 22:47	5
4-Nitrophenol	ND		50	7.6	ug/L		08/18/17 12:59	08/21/17 22:47	5
Acenaphthene	ND		25	2.1	ug/L		08/18/17 12:59	08/21/17 22:47	5
Acenaphthylene	ND		25	1.9	ug/L		08/18/17 12:59	08/21/17 22:47	5
Acetophenone	ND		25	2.7	ug/L		08/18/17 12:59	08/21/17 22:47	5
Aniline	ND		50	3.1	ug/L		08/18/17 12:59	08/21/17 22:47	5
Anthracene	ND		25	1.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
Atrazine	ND		25	2.3	ug/L		08/18/17 12:59	08/21/17 22:47	5
Benzaldehyde	ND		25	1.3	ug/L		08/18/17 12:59	08/21/17 22:47	5
Benzo(a)anthracene	ND		25	1.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
Benzo(a)pyrene	ND		25	2.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		08/18/17 12:59	08/21/17 22:47	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		08/18/17 12:59	08/21/17 22:47	5
Biphenyl	ND		25	3.3	ug/L		08/18/17 12:59	08/21/17 22:47	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		08/18/17 12:59	08/21/17 22:47	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		08/18/17 12:59	08/21/17 22:47	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
Caprolactam	ND		25	11	ug/L		08/18/17 12:59	08/21/17 22:47	5
Carbazole	ND		25	1.5	ug/L		08/18/17 12:59	08/21/17 22:47	5

Client Sample ID: BCC Area C PS-06_0817
Date Collected: 08/17/17 14:45
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		08/18/17 12:59	08/21/17 22:47	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/18/17 12:59	08/21/17 22:47	5
Dibenzofuran	ND		50	2.6	ug/L		08/18/17 12:59	08/21/17 22:47	5
Diethyl phthalate	ND		25	1.1	ug/L		08/18/17 12:59	08/21/17 22:47	5
Dimethyl phthalate	ND		25	1.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		08/18/17 12:59	08/21/17 22:47	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
Fluoranthene	ND		25	2.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
Fluorene	ND		25	1.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
Hexachlorobenzene	ND		25	2.6	ug/L		08/18/17 12:59	08/21/17 22:47	5
Hexachlorobutadiene	ND		25	3.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
Hexachloroethane	ND		25	3.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		08/18/17 12:59	08/21/17 22:47	5
Isophorone	ND		25	2.2	ug/L		08/18/17 12:59	08/21/17 22:47	5
Naphthalene	ND		25	3.8	ug/L		08/18/17 12:59	08/21/17 22:47	5
Nitrobenzene	ND		25	1.5	ug/L		08/18/17 12:59	08/21/17 22:47	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		08/18/17 12:59	08/21/17 22:47	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		08/18/17 12:59	08/21/17 22:47	5
Pentachlorophenol	ND		50	11	ug/L		08/18/17 12:59	08/21/17 22:47	5
Phenanthrene	ND		25	2.2	ug/L		08/18/17 12:59	08/21/17 22:47	5
Phenol	ND		25	2.0	ug/L		08/18/17 12:59	08/21/17 22:47	5
Pyrene	ND		25	1.7	ug/L		08/18/17 12:59	08/21/17 22:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*41 - 120*	*08/18/17 12:59*	*08/21/17 22:47*	*5*
2-Fluorobiphenyl	*83*		*48 - 120*	*08/18/17 12:59*	*08/21/17 22:47*	*5*
2-Fluorophenol	*55*		*35 - 120*	*08/18/17 12:59*	*08/21/17 22:47*	*5*
Nitrobenzene-d5	*80*		*46 - 120*	*08/18/17 12:59*	*08/21/17 22:47*	*5*
Phenol-d5	*46*		*22 - 120*	*08/18/17 12:59*	*08/21/17 22:47*	*5*
p-Terphenyl-d14	*64*		*59 - 136*	*08/18/17 12:59*	*08/21/17 22:47*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 18:51	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:51	1
Arsenic	**0.099**		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:51	1
Barium	**0.011**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:51	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:51	1
Cadmium	ND		0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:51	1
Calcium	**232**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:51	1
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:51	1
Cobalt	ND		0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:51	1
Copper	ND		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:51	1
Iron	**48.6**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:51	1
Lead	**0.0052**	**J**	0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:51	1
Magnesium	**13.4**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:51	1
Manganese	**0.23**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:51	1
Nickel	**0.0015**	**J**	0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:51	1
Potassium	**63.8**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:51	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C PS-06_0817
Date Collected: 08/17/17 14:45
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:51	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:51	1
Sodium	**94.7**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:51	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:51	1
Vanadium	ND		0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:51	1
Zinc	**0.0051**	**J**	0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:26	1

Client Sample ID: BCC Area C RFI-31 D_0817
Date Collected: 08/17/17 08:40
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-8
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		5.0	4.1	ug/L			08/27/17 17:32	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			08/27/17 17:32	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			08/27/17 17:32	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			08/27/17 17:32	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			08/27/17 17:32	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			08/27/17 17:32	5
1,2,4-Trichlorobenzene	**95**		5.0	2.1	ug/L			08/27/17 17:32	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			08/27/17 17:32	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			08/27/17 17:32	5
1,2-Dichlorobenzene	**5.0**		5.0	4.0	ug/L			08/27/17 17:32	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			08/27/17 17:32	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			08/27/17 17:32	5
1,3-Dichlorobenzene	**110**		5.0	3.9	ug/L			08/27/17 17:32	5
1,4-Dichlorobenzene	**9.6**		5.0	4.2	ug/L			08/27/17 17:32	5
2-Butanone (MEK)	ND		50	6.6	ug/L			08/27/17 17:32	5
2-Hexanone	ND		25	6.2	ug/L			08/27/17 17:32	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			08/27/17 17:32	5
Acetone	ND		50	15	ug/L			08/27/17 17:32	5
Benzene	ND		5.0	2.1	ug/L			08/27/17 17:32	5
Bromodichloromethane	ND		5.0	2.0	ug/L			08/27/17 17:32	5
Bromoform	ND		5.0	1.3	ug/L			08/27/17 17:32	5
Bromomethane	ND		5.0	3.5	ug/L			08/27/17 17:32	5
Carbon disulfide	ND		5.0	0.95	ug/L			08/27/17 17:32	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			08/27/17 17:32	5
Chlorobenzene	**42**		5.0	3.8	ug/L			08/27/17 17:32	5
Chloroethane	ND		5.0	1.6	ug/L			08/27/17 17:32	5
Chloroform	ND		5.0	1.7	ug/L			08/27/17 17:32	5
Chloromethane	ND		5.0	1.8	ug/L			08/27/17 17:32	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			08/27/17 17:32	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			08/27/17 17:32	5
Cyclohexane	ND		5.0	0.90	ug/L			08/27/17 17:32	5
Dibromochloromethane	ND		5.0	1.6	ug/L			08/27/17 17:32	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			08/27/17 17:32	5
Ethylbenzene	ND		5.0	3.7	ug/L			08/27/17 17:32	5
Isopropylbenzene	ND		5.0	4.0	ug/L			08/27/17 17:32	5
Methyl acetate	ND		13	6.5	ug/L			08/27/17 17:32	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			08/27/17 17:32	5
Methylcyclohexane	ND		5.0	0.80	ug/L			08/27/17 17:32	5
Methylene Chloride	ND		5.0	2.2	ug/L			08/27/17 17:32	5
Styrene	ND		5.0	3.7	ug/L			08/27/17 17:32	5
Tetrachloroethene	ND		5.0	1.8	ug/L			08/27/17 17:32	5
Toluene	ND		5.0	2.6	ug/L			08/27/17 17:32	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			08/27/17 17:32	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			08/27/17 17:32	5
Trichloroethene	ND		5.0	2.3	ug/L			08/27/17 17:32	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			08/27/17 17:32	5
Vinyl chloride	ND		5.0	4.5	ug/L			08/27/17 17:32	5
Xylenes, Total	ND		10	3.3	ug/L			08/27/17 17:32	5

Client Sample ID: BCC Area C RFI-31 D_0817
Date Collected: 08/17/17 08:40
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-8
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/27/17 17:32*	*5*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*08/27/17 17:32*	*5*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/27/17 17:32*	*5*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/27/17 17:32*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 23:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/17 12:59	08/21/17 23:16	1
2,4-Dichlorophenol	**1.1**	**J**	5.0	0.51	ug/L		08/18/17 12:59	08/21/17 23:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 23:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 23:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 23:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 23:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 23:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/18/17 12:59	08/21/17 23:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 23:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 23:16	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 23:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 23:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 23:16	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 23:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 23:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 23:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 23:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 23:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 23:16	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 23:16	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 23:16	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 23:16	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 23:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/17 12:59	08/21/17 23:16	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 23:16	1
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 23:16	1
Anthracene	ND		5.0	0.28	ug/L		08/18/17 12:59	08/21/17 23:16	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 23:16	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 23:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 23:16	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 23:16	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 23:16	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 23:16	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 23:16	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/17 12:59	08/21/17 23:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 23:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 23:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 23:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 23:16	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 23:16	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 23:16	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 23:16	1

Client Sample ID: BCC Area C RFI-31 D_0817
Date Collected: 08/17/17 08:40
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/18/17 12:59	08/21/17 23:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 23:16	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/17 12:59	08/21/17 23:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 23:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 23:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 23:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 23:16	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 23:16	1
Fluorene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 23:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 23:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 23:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 23:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 23:16	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 23:16	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 23:16	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 23:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 23:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 23:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 23:16	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 23:16	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/17 12:59	08/21/17 23:16	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 23:16	1
Pyrene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*41 - 120*	*08/18/17 12:59*	*08/21/17 23:16*	*1*
2-Fluorobiphenyl	*48*		*48 - 120*	*08/18/17 12:59*	*08/21/17 23:16*	*1*
2-Fluorophenol	*64*		*35 - 120*	*08/18/17 12:59*	*08/21/17 23:16*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*08/18/17 12:59*	*08/21/17 23:16*	*1*
Phenol-d5	*48*		*22 - 120*	*08/18/17 12:59*	*08/21/17 23:16*	*1*
p-Terphenyl-d14	*64*		*59 - 136*	*08/18/17 12:59*	*08/21/17 23:16*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 18:55	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 18:55	1
Arsenic	ND		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 18:55	1
Barium	**0.022**		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 18:55	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 18:55	1
Cadmium	**0.00093**	**J**	0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 18:55	1
Calcium	**364**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:55	1
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 18:55	1
Cobalt	**0.0033**	**J**	0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 18:55	1
Copper	ND		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 18:55	1
Iron	**1.2**		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 18:55	1
Lead	ND		0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 18:55	1
Magnesium	**128**		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 18:55	1
Manganese	**1.5**	**B**	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 18:55	1
Nickel	**0.0044**	**J**	0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 18:55	1
Potassium	**14.5**		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 18:55	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C RFI-31 D_0817
Date Collected: 08/17/17 08:40
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 18:55	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 18:55	1
Sodium	**2100**		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 18:55	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 18:55	1
Vanadium	ND		0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 18:55	1
Zinc	**0.0075**	**J**	0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 18:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:28	1

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: TRIP BLANK
Date Collected: 08/17/17 00:00
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-9
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			08/27/17 17:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/27/17 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/27/17 17:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/27/17 17:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/27/17 17:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/27/17 17:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/27/17 17:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/27/17 17:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/27/17 17:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/27/17 17:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/27/17 17:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/27/17 17:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/27/17 17:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/27/17 17:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/27/17 17:56	1
2-Hexanone	ND		5.0	1.2	ug/L			08/27/17 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/27/17 17:56	1
Acetone	ND		10	3.0	ug/L			08/27/17 17:56	1
Benzene	ND		1.0	0.41	ug/L			08/27/17 17:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/27/17 17:56	1
Bromoform	ND		1.0	0.26	ug/L			08/27/17 17:56	1
Bromomethane	ND		1.0	0.69	ug/L			08/27/17 17:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/27/17 17:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/27/17 17:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/27/17 17:56	1
Chloroethane	ND		1.0	0.32	ug/L			08/27/17 17:56	1
Chloroform	ND		1.0	0.34	ug/L			08/27/17 17:56	1
Chloromethane	ND		1.0	0.35	ug/L			08/27/17 17:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/27/17 17:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/27/17 17:56	1
Cyclohexane	ND		1.0	0.18	ug/L			08/27/17 17:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/27/17 17:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/27/17 17:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/27/17 17:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/27/17 17:56	1
Methyl acetate	ND		2.5	1.3	ug/L			08/27/17 17:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/27/17 17:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/27/17 17:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/27/17 17:56	1
Styrene	ND		1.0	0.73	ug/L			08/27/17 17:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/27/17 17:56	1
Toluene	ND		1.0	0.51	ug/L			08/27/17 17:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/27/17 17:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/27/17 17:56	1
Trichloroethene	ND		1.0	0.46	ug/L			08/27/17 17:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/27/17 17:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/27/17 17:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/17 17:56	1

Client Sample ID: TRIP BLANK
Date Collected: 08/17/17 00:00
Date Received: 08/17/17 15:40

Lab Sample ID: 480-122870-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		08/27/17 17:56	1
4-Bromofluorobenzene (Surr)	96		73 - 120		08/27/17 17:56	1
Toluene-d8 (Surr)	97		80 - 120		08/27/17 17:56	1
Dibromofluoromethane (Surr)	98		75 - 123		08/27/17 17:56	1

Surrogate Summary

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

TestAmerica Job ID: 480-122870-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-122870-1	BCC Area C MW-C01_0817	99	94	98	100
480-122870-2	BCC Area C RFI-31_0817	100	93	94	100
480-122870-2 MS	BCC Area C RFI-31 MS_0817	99	98	98	97
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	101	98	99	99
480-122870-3	BCC Area C PS-04_0817	105	97	99	100
480-122870-4	BCC Area C MW-C04_0817	100	94	97	98
480-122870-5	BCC Area C RFI-20_0817	103	93	97	100
480-122870-6	BCC Area C PS-05A_0817	102	95	96	101
480-122870-6 - DL	BCC Area C PS-05A_0817	98	96	98	98
480-122870-7	BCC Area C PS-06_0817	102	96	99	99
480-122870-8	BCC Area C RFI-31 D_0817	102	94	97	99

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-122870-9	TRIP BLANK	99	96	97	98
LCS 480-374100/7	Lab Control Sample	103	96	97	94
LCS 480-374159/4	Lab Control Sample	101	95	97	101
MB 480-374100/6	Method Blank	99	93	99	96
MB 480-374159/6	Method Blank	104	98	99	97

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-122870-1	BCC Area C MW-C01_0817	93	84	65	90	48	66
480-122870-2	BCC Area C RFI-31_0817	98	49	63	85	48	61
480-122870-2 MS	BCC Area C RFI-31 MS_0817	98	56	64	83	53	56 X
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	99	57	68	89	55	58 X
480-122870-3	BCC Area C PS-04_0817	98	82	62	85	47	69
480-122870-4	BCC Area C MW-C04_0817	97	88	72	96	53	75
480-122870-5	BCC Area C RFI-20_0817	95	81	65	87	49	63
480-122870-6	BCC Area C PS-05A_0817	94	81	63	85	47	64

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-122870-7	BCC Area C PS-06_0817	90	83	55	80	46	64
480-122870-8	BCC Area C RFI-31 D_0817	96	48	64	86	48	64

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
LCS 480-372873/2-A	Lab Control Sample	101	87	72	94	57	86
MB 480-372873/1-A	Method Blank	81	82	67	91	52	84

Surrogate Legend

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

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

Lab Sample ID: MB 480-374100/6
Matrix: Water
Analysis Batch: 374100

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			08/27/17 11:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/27/17 11:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/27/17 11:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/27/17 11:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/27/17 11:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/27/17 11:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/27/17 11:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/27/17 11:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/27/17 11:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/27/17 11:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/27/17 11:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/27/17 11:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/27/17 11:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/27/17 11:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/27/17 11:05	1
2-Hexanone	ND		5.0	1.2	ug/L			08/27/17 11:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/27/17 11:05	1
Acetone	ND		10	3.0	ug/L			08/27/17 11:05	1
Benzene	ND		1.0	0.41	ug/L			08/27/17 11:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/27/17 11:05	1
Bromoform	ND		1.0	0.26	ug/L			08/27/17 11:05	1
Bromomethane	ND		1.0	0.69	ug/L			08/27/17 11:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/27/17 11:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/27/17 11:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/27/17 11:05	1
Chloroethane	ND		1.0	0.32	ug/L			08/27/17 11:05	1
Chloroform	ND		1.0	0.34	ug/L			08/27/17 11:05	1
Chloromethane	ND		1.0	0.35	ug/L			08/27/17 11:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/27/17 11:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/27/17 11:05	1
Cyclohexane	ND		1.0	0.18	ug/L			08/27/17 11:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/27/17 11:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/27/17 11:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/27/17 11:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/27/17 11:05	1
Methyl acetate	ND		2.5	1.3	ug/L			08/27/17 11:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/27/17 11:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/27/17 11:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/27/17 11:05	1
Styrene	ND		1.0	0.73	ug/L			08/27/17 11:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/27/17 11:05	1
Toluene	ND		1.0	0.51	ug/L			08/27/17 11:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/27/17 11:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/27/17 11:05	1
Trichloroethene	ND		1.0	0.46	ug/L			08/27/17 11:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/27/17 11:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/27/17 11:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/17 11:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/27/17 11:05*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*08/27/17 11:05*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/27/17 11:05*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*08/27/17 11:05*	*1*

Lab Sample ID: LCS 480-374100/7
Matrix: Water
Analysis Batch: 374100

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.1		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.1		ug/L		97	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.0		ug/L		100	61 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	23.4		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	24.1		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.1		ug/L		96	56 - 134
1,2-Dibromoethane	25.0	24.0		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	23.9		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	23.8		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 120
2-Butanone (MEK)	125	122		ug/L		97	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	128		ug/L		102	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122
Bromoform	25.0	25.4		ug/L		102	61 - 132
Bromomethane	25.0	22.6		ug/L		90	55 - 144
Carbon disulfide	25.0	22.6		ug/L		91	59 - 134
Carbon tetrachloride	25.0	24.5		ug/L		98	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120
Chloroethane	25.0	24.9		ug/L		100	69 - 136
Chloroform	25.0	23.9		ug/L		96	73 - 127
Chloromethane	25.0	25.3		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	23.4		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	25.1		ug/L		101	59 - 135
Dibromochloromethane	25.0	25.8		ug/L		103	75 - 125
Dichlorodifluoromethane	25.0	28.2		ug/L		113	59 - 135
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	125	119		ug/L		95	74 - 133
Methyl tert-butyl ether	25.0	23.5		ug/L		94	77 - 120
Methylcyclohexane	25.0	24.3		ug/L		97	68 - 134
Methylene Chloride	25.0	22.9		ug/L		92	75 - 124
Styrene	25.0	24.6		ug/L		99	80 - 120
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	23.8		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127

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

Lab Sample ID: LCS 480-374100/7
Matrix: Water
Analysis Batch: 374100

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	26.1		ug/L		104	80 - 120
Trichloroethene	25.0	23.4		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	24.4		ug/L		98	62 - 150
Vinyl chloride	25.0	25.1		ug/L		100	65 - 133
Xylenes, Total	50.0	48.3		ug/L		97	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: 480-122870-2 MS
Matrix: Ground Water
Analysis Batch: 374100

Client Sample ID: BCC Area C RFI-31 MS_0817
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	261		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	232		ug/L		93	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	303		ug/L		121	61 - 148
1,1,2-Trichloroethane	ND		250	245		ug/L		98	76 - 122
1,1-Dichloroethane	ND		250	245		ug/L		98	77 - 120
1,1-Dichloroethene	ND		250	261		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	110		250	354		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	ND		250	238		ug/L		95	56 - 134
1,2-Dibromoethane	ND		250	243		ug/L		97	77 - 120
1,2-Dichlorobenzene	ND		250	253		ug/L		101	80 - 124
1,2-Dichloroethane	ND		250	242		ug/L		97	75 - 120
1,2-Dichloropropane	ND		250	244		ug/L		98	76 - 120
1,3-Dichlorobenzene	120		250	355		ug/L		95	77 - 120
1,4-Dichlorobenzene	10		250	252		ug/L		97	78 - 124
2-Butanone (MEK)	ND		1250	1140		ug/L		91	57 - 140
2-Hexanone	ND		1250	1230		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1230		ug/L		98	71 - 125
Acetone	ND		1250	1120		ug/L		89	56 - 142
Benzene	ND		250	252		ug/L		101	71 - 124
Bromodichloromethane	ND		250	247		ug/L		99	80 - 122
Bromoform	ND		250	247		ug/L		99	61 - 132
Bromomethane	ND		250	239		ug/L		96	55 - 144
Carbon disulfide	ND		250	246		ug/L		98	59 - 134
Carbon tetrachloride	ND		250	270		ug/L		108	72 - 134
Chlorobenzene	46		250	286		ug/L		96	80 - 120
Chloroethane	ND		250	270		ug/L		108	69 - 136
Chloroform	ND		250	250		ug/L		100	73 - 127
Chloromethane	ND		250	281		ug/L		112	68 - 124
cis-1,2-Dichloroethene	ND		250	239		ug/L		95	74 - 124
cis-1,3-Dichloropropene	ND		250	239		ug/L		96	74 - 124

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

Lab Sample ID: 480-122870-2 MS
Matrix: Ground Water
Analysis Batch: 374100

Client Sample ID: BCC Area C RFI-31 MS_0817
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		250	252		ug/L		101	59 - 135
Dibromochloromethane	ND		250	261		ug/L		104	75 - 125
Dichlorodifluoromethane	ND		250	316		ug/L		127	59 - 135
Ethylbenzene	ND		250	254		ug/L		102	77 - 123
Isopropylbenzene	ND		250	250		ug/L		100	77 - 122
Methyl acetate	ND		1250	1150		ug/L		92	74 - 133
Methyl tert-butyl ether	ND		250	234		ug/L		93	77 - 120
Methylcyclohexane	ND		250	269		ug/L		108	68 - 134
Methylene Chloride	ND		250	233		ug/L		93	75 - 124
Styrene	ND		250	249		ug/L		99	80 - 120
Tetrachloroethene	ND		250	258		ug/L		103	74 - 122
Toluene	ND		250	251		ug/L		100	80 - 122
trans-1,2-Dichloroethene	ND		250	259		ug/L		104	73 - 127
trans-1,3-Dichloropropene	ND		250	259		ug/L		103	80 - 120
Trichloroethene	ND		250	251		ug/L		100	74 - 123
Trichlorofluoromethane	ND		250	278		ug/L		111	62 - 150
Vinyl chloride	ND		250	291		ug/L		116	65 - 133
Xylenes, Total	ND		500	495		ug/L		99	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: 480-122870-2 MSD
Matrix: Ground Water
Analysis Batch: 374100

Client Sample ID: BCC Area C RFI-31 MSD_0817
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	246		ug/L		99	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND		250	235		ug/L		94	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	256		ug/L		102	61 - 148	17	20
1,1,2-Trichloroethane	ND		250	246		ug/L		98	76 - 122	1	15
1,1-Dichloroethane	ND		250	240		ug/L		96	77 - 120	2	20
1,1-Dichloroethene	ND		250	243		ug/L		97	66 - 127	7	16
1,2,4-Trichlorobenzene	110		250	334		ug/L		91	79 - 122	6	20
1,2-Dibromo-3-Chloropropane	ND		250	230		ug/L		92	56 - 134	3	15
1,2-Dibromoethane	ND		250	237		ug/L		95	77 - 120	3	15
1,2-Dichlorobenzene	ND		250	250		ug/L		100	80 - 124	1	20
1,2-Dichloroethane	ND		250	241		ug/L		96	75 - 120	0	20
1,2-Dichloropropane	ND		250	239		ug/L		96	76 - 120	2	20
1,3-Dichlorobenzene	120		250	343		ug/L		90	77 - 120	4	20
1,4-Dichlorobenzene	10		250	245		ug/L		94	78 - 124	3	20
2-Butanone (MEK)	ND		1250	1160		ug/L		92	57 - 140	2	20
2-Hexanone	ND		1250	1230		ug/L		98	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1230		ug/L		98	71 - 125	0	35

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

Lab Sample ID: 480-122870-2 MSD
Matrix: Ground Water
Analysis Batch: 374100

Client Sample ID: BCC Area C RFI-31 MSD_0817
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		1250	1130		ug/L		90	56 - 142	1	15
Benzene	ND		250	240		ug/L		96	71 - 124	5	13
Bromodichloromethane	ND		250	243		ug/L		97	80 - 122	1	15
Bromoform	ND		250	253		ug/L		101	61 - 132	2	15
Bromomethane	ND		250	236		ug/L		94	55 - 144	1	15
Carbon disulfide	ND		250	227		ug/L		91	59 - 134	8	15
Carbon tetrachloride	ND		250	253		ug/L		101	72 - 134	7	15
Chlorobenzene	46		250	276		ug/L		92	80 - 120	4	25
Chloroethane	ND		250	250		ug/L		100	69 - 136	8	15
Chloroform	ND		250	241		ug/L		96	73 - 127	4	20
Chloromethane	ND		250	261		ug/L		105	68 - 124	7	15
cis-1,2-Dichloroethene	ND		250	236		ug/L		95	74 - 124	1	15
cis-1,3-Dichloropropene	ND		250	240		ug/L		96	74 - 124	0	15
Cyclohexane	ND		250	263		ug/L		105	59 - 135	4	20
Dibromochloromethane	ND		250	257		ug/L		103	75 - 125	2	15
Dichlorodifluoromethane	ND		250	310		ug/L		124	59 - 135	2	20
Ethylbenzene	ND		250	245		ug/L		98	77 - 123	4	15
Isopropylbenzene	ND		250	238		ug/L		95	77 - 122	5	20
Methyl acetate	ND		1250	1170		ug/L		94	74 - 133	2	20
Methyl tert-butyl ether	ND		250	235		ug/L		94	77 - 120	0	37
Methylcyclohexane	ND		250	252		ug/L		101	68 - 134	7	20
Methylene Chloride	ND		250	229		ug/L		92	75 - 124	1	15
Styrene	ND		250	242		ug/L		97	80 - 120	3	20
Tetrachloroethene	ND		250	247		ug/L		99	74 - 122	4	20
Toluene	ND		250	239		ug/L		96	80 - 122	5	15
trans-1,2-Dichloroethene	ND		250	243		ug/L		97	73 - 127	6	20
trans-1,3-Dichloropropene	ND		250	248		ug/L		99	80 - 120	4	15
Trichloroethene	ND		250	239		ug/L		96	74 - 123	5	16
Trichlorofluoromethane	ND		250	275		ug/L		110	62 - 150	1	20
Vinyl chloride	ND		250	267		ug/L		107	65 - 133	8	15
Xylenes, Total	ND		500	475		ug/L		95	76 - 122	4	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

Lab Sample ID: MB 480-374159/6
Matrix: Water
Analysis Batch: 374159

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			08/28/17 11:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/28/17 11:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/28/17 11:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/28/17 11:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/28/17 11:18	1

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

Lab Sample ID: MB 480-374159/6
Matrix: Water
Analysis Batch: 374159

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			08/28/17 11:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/28/17 11:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/28/17 11:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/28/17 11:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/28/17 11:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/28/17 11:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/28/17 11:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/28/17 11:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/28/17 11:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/28/17 11:18	1
2-Hexanone	ND		5.0	1.2	ug/L			08/28/17 11:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/28/17 11:18	1
Acetone	ND		10	3.0	ug/L			08/28/17 11:18	1
Benzene	ND		1.0	0.41	ug/L			08/28/17 11:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/28/17 11:18	1
Bromoform	ND		1.0	0.26	ug/L			08/28/17 11:18	1
Bromomethane	ND		1.0	0.69	ug/L			08/28/17 11:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/28/17 11:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/28/17 11:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/28/17 11:18	1
Chloroethane	ND		1.0	0.32	ug/L			08/28/17 11:18	1
Chloroform	ND		1.0	0.34	ug/L			08/28/17 11:18	1
Chloromethane	ND		1.0	0.35	ug/L			08/28/17 11:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/28/17 11:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/28/17 11:18	1
Cyclohexane	ND		1.0	0.18	ug/L			08/28/17 11:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/28/17 11:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/28/17 11:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/28/17 11:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/28/17 11:18	1
Methyl acetate	ND		2.5	1.3	ug/L			08/28/17 11:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/28/17 11:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/28/17 11:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/28/17 11:18	1
Styrene	ND		1.0	0.73	ug/L			08/28/17 11:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/28/17 11:18	1
Toluene	ND		1.0	0.51	ug/L			08/28/17 11:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/28/17 11:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/28/17 11:18	1
Trichloroethene	ND		1.0	0.46	ug/L			08/28/17 11:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/28/17 11:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/28/17 11:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/28/17 11:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/28/17 11:18*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*08/28/17 11:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/28/17 11:18*	*1*

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

Lab Sample ID: MB 480-374159/6
Matrix: Water
Analysis Batch: 374159

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		75 - 123		08/28/17 11:18	1

Lab Sample ID: LCS 480-374159/4
Matrix: Water
Analysis Batch: 374159

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.8		ug/L		115	61 - 148
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	25.8		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	25.8		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	25.9		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.9		ug/L		100	56 - 134
1,2-Dibromoethane	25.0	24.2		ug/L		97	77 - 120
1,2-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 120
2-Butanone (MEK)	125	127		ug/L		102	57 - 140
2-Hexanone	125	127		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		100	71 - 125
Acetone	125	137		ug/L		109	56 - 142
Benzene	25.0	26.2		ug/L		105	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	25.9		ug/L		103	61 - 132
Bromomethane	25.0	23.6		ug/L		95	55 - 144
Carbon disulfide	25.0	24.6		ug/L		98	59 - 134
Carbon tetrachloride	25.0	27.1		ug/L		108	72 - 134
Chlorobenzene	25.0	24.6		ug/L		98	80 - 120
Chloroethane	25.0	26.3		ug/L		105	69 - 136
Chloroform	25.0	25.8		ug/L		103	73 - 127
Chloromethane	25.0	28.0		ug/L		112	68 - 124
cis-1,2-Dichloroethene	25.0	25.4		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	74 - 124
Cyclohexane	25.0	29.1		ug/L		116	59 - 135
Dibromochloromethane	25.0	26.4		ug/L		106	75 - 125
Dichlorodifluoromethane	25.0	31.8		ug/L		127	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	25.0	25.8		ug/L		103	77 - 122
Methyl acetate	125	124		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	24.8		ug/L		99	77 - 120
Methylcyclohexane	25.0	27.2		ug/L		109	68 - 134
Methylene Chloride	25.0	24.0		ug/L		96	75 - 124
Styrene	25.0	24.8		ug/L		99	80 - 120

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

Lab Sample ID: LCS 480-374159/4
Matrix: Water
Analysis Batch: 374159

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	25.9		ug/L		104	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	26.1		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	26.2		ug/L		105	80 - 120
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	27.6		ug/L		110	62 - 150
Vinyl chloride	25.0	28.1		ug/L		112	65 - 133
Xylenes, Total	50.0	49.5		ug/L		99	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

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

Lab Sample ID: MB 480-372873/1-A
Matrix: Water
Analysis Batch: 373128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372873

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 17:52	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/17 12:59	08/21/17 17:52	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 17:52	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/17 12:59	08/21/17 17:52	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 17:52	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 17:52	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 17:52	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 17:52	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/18/17 12:59	08/21/17 17:52	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/17 12:59	08/21/17 17:52	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 17:52	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/17 12:59	08/21/17 17:52	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/17 12:59	08/21/17 17:52	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 17:52	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/17 12:59	08/21/17 17:52	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 17:52	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 17:52	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/17 12:59	08/21/17 17:52	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 17:52	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 17:52	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/17 12:59	08/21/17 17:52	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/17 12:59	08/21/17 17:52	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/17 12:59	08/21/17 17:52	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/17 12:59	08/21/17 17:52	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/17 12:59	08/21/17 17:52	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 17:52	1

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

Lab Sample ID: MB 480-372873/1-A
Matrix: Water
Analysis Batch: 373128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372873

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		08/18/17 12:59	08/21/17 17:52	1
Anthracene	ND		5.0	0.28	ug/L		08/18/17 12:59	08/21/17 17:52	1
Atrazine	ND		5.0	0.46	ug/L		08/18/17 12:59	08/21/17 17:52	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/17 12:59	08/21/17 17:52	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 17:52	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 17:52	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 17:52	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 17:52	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/17 12:59	08/21/17 17:52	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/17 12:59	08/21/17 17:52	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/17 12:59	08/21/17 17:52	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/17 12:59	08/21/17 17:52	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 17:52	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 17:52	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/17 12:59	08/21/17 17:52	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/17 12:59	08/21/17 17:52	1
Carbazole	ND		5.0	0.30	ug/L		08/18/17 12:59	08/21/17 17:52	1
Chrysene	ND		5.0	0.33	ug/L		08/18/17 12:59	08/21/17 17:52	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/17 12:59	08/21/17 17:52	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/17 12:59	08/21/17 17:52	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/18/17 12:59	08/21/17 17:52	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 17:52	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/17 12:59	08/21/17 17:52	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 17:52	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/17 12:59	08/21/17 17:52	1
Fluorene	ND		5.0	0.36	ug/L		08/18/17 12:59	08/21/17 17:52	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 17:52	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/17 12:59	08/21/17 17:52	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 17:52	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/17 12:59	08/21/17 17:52	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/17 12:59	08/21/17 17:52	1
Isophorone	ND		5.0	0.43	ug/L		08/18/17 12:59	08/21/17 17:52	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/17 12:59	08/21/17 17:52	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/17 12:59	08/21/17 17:52	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/17 12:59	08/21/17 17:52	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/17 12:59	08/21/17 17:52	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/17 12:59	08/21/17 17:52	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/17 12:59	08/21/17 17:52	1
Phenol	ND		5.0	0.39	ug/L		08/18/17 12:59	08/21/17 17:52	1
Pyrene	ND		5.0	0.34	ug/L		08/18/17 12:59	08/21/17 17:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*41 - 120*	*08/18/17 12:59*	*08/21/17 17:52*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*08/18/17 12:59*	*08/21/17 17:52*	*1*
2-Fluorophenol	*67*		*35 - 120*	*08/18/17 12:59*	*08/21/17 17:52*	*1*
Nitrobenzene-d5	*91*		*46 - 120*	*08/18/17 12:59*	*08/21/17 17:52*	*1*
Phenol-d5	*52*		*22 - 120*	*08/18/17 12:59*	*08/21/17 17:52*	*1*
p-Terphenyl-d14	*84*		*59 - 136*	*08/18/17 12:59*	*08/21/17 17:52*	*1*

Lab Sample ID: LCS 480-372873/2-A
Matrix: Water
Analysis Batch: 373128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	29.2		ug/L		91	65 - 126
2,4,6-Trichlorophenol	32.0	28.3		ug/L		88	64 - 120
2,4-Dichlorophenol	32.0	29.8		ug/L		93	63 - 120
2,4-Dimethylphenol	32.0	30.3		ug/L		95	47 - 120
2,4-Dinitrophenol	64.0	51.6		ug/L		81	31 - 137
2,4-Dinitrotoluene	32.0	30.3		ug/L		95	69 - 120
2,6-Dinitrotoluene	32.0	29.5		ug/L		92	68 - 120
2-Chloronaphthalene	32.0	26.6		ug/L		83	58 - 120
2-Chlorophenol	32.0	26.8		ug/L		84	48 - 120
2-Methylnaphthalene	32.0	27.6		ug/L		86	59 - 120
2-Methylphenol	32.0	26.5		ug/L		83	39 - 120
2-Nitroaniline	32.0	28.4		ug/L		89	54 - 127
2-Nitrophenol	32.0	28.9		ug/L		90	52 - 125
3,3'-Dichlorobenzidine	64.0	60.8		ug/L		95	49 - 135
3-Nitroaniline	32.0	27.4		ug/L		86	51 - 120
4,6-Dinitro-2-methylphenol	64.0	54.5		ug/L		85	46 - 136
4-Bromophenyl phenyl ether	32.0	28.5		ug/L		89	65 - 120
4-Chloro-3-methylphenol	32.0	29.6		ug/L		92	61 - 123
4-Chloroaniline	32.0	26.0		ug/L		81	30 - 120
4-Chlorophenyl phenyl ether	32.0	28.0		ug/L		87	62 - 120
4-Methylphenol	32.0	25.0		ug/L		78	29 - 131
4-Nitroaniline	32.0	29.3		ug/L		92	65 - 120
4-Nitrophenol	64.0	58.8		ug/L		92	45 - 120
Acenaphthene	32.0	27.7		ug/L		86	60 - 120
Acenaphthylene	32.0	28.0		ug/L		88	63 - 120
Acetophenone	32.0	28.5		ug/L		89	45 - 120
Aniline	32.0	20.8		ug/L		65	12 - 120
Anthracene	32.0	28.0		ug/L		88	67 - 120
Atrazine	64.0	64.9		ug/L		101	71 - 130
Benzaldehyde	64.0	45.6		ug/L		71	10 - 140
Benzo(a)anthracene	32.0	27.8		ug/L		87	70 - 121
Benzo(a)pyrene	32.0	29.2		ug/L		91	60 - 123
Benzo(b)fluoranthene	32.0	29.2		ug/L		91	66 - 126
Benzo(g,h,i)perylene	32.0	28.2		ug/L		88	66 - 150
Benzo(k)fluoranthene	32.0	29.3		ug/L		92	65 - 124
Biphenyl	32.0	26.3		ug/L		82	59 - 120
bis (2-chloroisopropyl) ether	32.0	22.9		ug/L		72	21 - 136
Bis(2-chloroethoxy)methane	32.0	27.3		ug/L		85	50 - 128
Bis(2-chloroethyl)ether	32.0	25.2		ug/L		79	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	31.4		ug/L		98	63 - 139
Butyl benzyl phthalate	32.0	30.4		ug/L		95	70 - 129
Caprolactam	64.0	23.4		ug/L		37	22 - 120
Carbazole	32.0	30.8		ug/L		96	66 - 123
Chrysene	32.0	27.8		ug/L		87	69 - 120
Dibenz(a,h)anthracene	32.0	28.5		ug/L		89	65 - 135
Dibenzofuran	32.0	28.0		ug/L		87	66 - 120
Diethyl phthalate	32.0	31.1		ug/L		97	59 - 127
Dimethyl phthalate	32.0	29.9		ug/L		93	68 - 120
Di-n-butyl phthalate	32.0	31.8		ug/L		99	69 - 131
Di-n-octyl phthalate	32.0	31.1		ug/L		97	63 - 140

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

Lab Sample ID: LCS 480-372873/2-A
Matrix: Water
Analysis Batch: 373128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	32.0	30.2		ug/L		94	69 - 126
Fluorene	32.0	27.6		ug/L		86	66 - 120
Hexachlorobenzene	32.0	29.1		ug/L		91	61 - 120
Hexachlorobutadiene	32.0	25.8		ug/L		81	35 - 120
Hexachlorocyclopentadiene	32.0	19.1		ug/L		60	31 - 120
Hexachloroethane	32.0	25.1		ug/L		79	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	28.1		ug/L		88	69 - 146
Isophorone	32.0	28.7		ug/L		90	55 - 120
Naphthalene	32.0	27.5		ug/L		86	57 - 120
Nitrobenzene	32.0	28.3		ug/L		88	53 - 123
N-Nitrosodi-n-propylamine	32.0	26.9		ug/L		84	32 - 140
N-Nitrosodiphenylamine	32.0	28.0		ug/L		87	61 - 120
Pentachlorophenol	64.0	48.9		ug/L		76	29 - 136
Phenanthrene	32.0	29.8		ug/L		93	68 - 120
Phenol	32.0	17.5		ug/L		55	17 - 120
Pyrene	32.0	28.0		ug/L		87	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*101*		*41 - 120*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol	*72*		*35 - 120*
Nitrobenzene-d5	*94*		*46 - 120*
Phenol-d5	*57*		*22 - 120*
p-Terphenyl-d14	*86*		*59 - 136*

Lab Sample ID: 480-122870-2 MS
Matrix: Ground Water
Analysis Batch: 373128

Client Sample ID: BCC Area C RFI-31 MS_0817
Prep Type: Total/NA
Prep Batch: 372873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND	F1	32.0	21.7		ug/L		68	65 - 126
2,4,6-Trichlorophenol	ND	F1	32.0	19.3	F1	ug/L		60	64 - 120
2,4-Dichlorophenol	1.1	J	32.0	28.7		ug/L		86	48 - 132
2,4-Dimethylphenol	ND		32.0	28.0		ug/L		88	39 - 130
2,4-Dinitrophenol	ND		64.0	46.4		ug/L		73	21 - 150
2,4-Dinitrotoluene	ND		32.0	20.9		ug/L		65	54 - 138
2,6-Dinitrotoluene	ND		32.0	18.5		ug/L		58	17 - 150
2-Chloronaphthalene	ND		32.0	17.7		ug/L		55	52 - 124
2-Chlorophenol	ND		32.0	24.8		ug/L		78	48 - 120
2-Methylnaphthalene	ND		32.0	25.6		ug/L		80	34 - 140
2-Methylphenol	ND		32.0	26.1		ug/L		82	46 - 120
2-Nitroaniline	ND		32.0	20.5		ug/L		64	44 - 136
2-Nitrophenol	ND		32.0	26.4		ug/L		82	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	13.8		ug/L		22	10 - 150
3-Nitroaniline	ND		32.0	16.2		ug/L		51	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	49.4		ug/L		77	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	27.8		ug/L		87	63 - 126
4-Chloro-3-methylphenol	ND		32.0	28.9		ug/L		90	64 - 127

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

Lab Sample ID: 480-122870-2 MS
Matrix: Ground Water
Analysis Batch: 373128

Client Sample ID: BCC Area C RFI-31 MS_0817
Prep Type: Total/NA
Prep Batch: 372873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	ND		32.0	17.3		ug/L		54	16 - 124
4-Chlorophenyl phenyl ether	ND	F1	32.0	18.9	F1	ug/L		59	61 - 120
4-Methylphenol	ND		32.0	24.5		ug/L		77	36 - 120
4-Nitroaniline	ND		32.0	19.3		ug/L		60	32 - 150
4-Nitrophenol	ND		64.0	44.0		ug/L		69	23 - 132
Acenaphthene	ND		32.0	18.7		ug/L		58	48 - 120
Acenaphthylene	ND	F1	32.0	18.9	F1	ug/L		59	63 - 120
Acetophenone	ND		32.0	25.8		ug/L		81	53 - 120
Aniline	ND		32.0	15.9		ug/L		50	32 - 120
Anthracene	ND		32.0	27.7		ug/L		87	65 - 122
Atrazine	ND		64.0	40.7		ug/L		64	50 - 150
Benzaldehyde	ND		64.0	39.7		ug/L		62	10 - 150
Benzo(a)anthracene	ND		32.0	23.5		ug/L		74	43 - 124
Benzo(a)pyrene	ND		32.0	22.9		ug/L		72	23 - 125
Benzo(b)fluoranthene	ND		32.0	22.9		ug/L		72	27 - 127
Benzo(g,h,i)perylene	ND		32.0	22.1		ug/L		69	16 - 147
Benzo(k)fluoranthene	ND		32.0	21.7		ug/L		68	20 - 124
Biphenyl	ND	F1	32.0	17.9	F1	ug/L		56	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	20.1		ug/L		63	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	25.0		ug/L		78	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	23.7		ug/L		74	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	23.2		ug/L		72	16 - 150
Butyl benzyl phthalate	ND		32.0	27.1		ug/L		85	51 - 140
Caprolactam	ND		64.0	21.1		ug/L		33	10 - 120
Carbazole	ND		32.0	30.0		ug/L		94	16 - 148
Chrysene	ND		32.0	23.4		ug/L		73	44 - 122
Dibenz(a,h)anthracene	ND		32.0	21.4		ug/L		67	16 - 139
Dibenzofuran	ND	F1	32.0	18.8	F1	ug/L		59	60 - 120
Diethyl phthalate	ND		32.0	21.8		ug/L		68	53 - 133
Dimethyl phthalate	ND		32.0	20.7		ug/L		65	59 - 123
Di-n-butyl phthalate	ND		32.0	29.0		ug/L		90	65 - 129
Di-n-octyl phthalate	ND		32.0	23.5		ug/L		73	16 - 150
Fluoranthene	ND		32.0	28.5		ug/L		89	63 - 129
Fluorene	ND	F1	32.0	19.3	F1	ug/L		60	62 - 120
Hexachlorobenzene	ND		32.0	26.5		ug/L		83	57 - 121
Hexachlorobutadiene	ND		32.0	22.2		ug/L		70	37 - 120
Hexachlorocyclopentadiene	ND		32.0	12.8		ug/L		40	21 - 120
Hexachloroethane	ND		32.0	21.3		ug/L		67	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	21.4		ug/L		67	16 - 140
Isophorone	ND		32.0	26.0		ug/L		81	48 - 133
Naphthalene	ND		32.0	24.2		ug/L		76	45 - 120
Nitrobenzene	ND		32.0	25.6		ug/L		80	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	24.7		ug/L		77	49 - 120
N-Nitrosodiphenylamine	ND		32.0	26.8		ug/L		84	39 - 138
Pentachlorophenol	ND		64.0	57.5		ug/L		90	23 - 149
Phenanthrene	ND		32.0	29.4		ug/L		92	65 - 122
Phenol	ND		32.0	16.5		ug/L		51	16 - 120
Pyrene	ND		32.0	26.8		ug/L		84	58 - 128

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

Lab Sample ID: 480-122870-2 MS
Matrix: Ground Water
Analysis Batch: 373128

Client Sample ID: BCC Area C RFI-31 MS_0817
Prep Type: Total/NA
Prep Batch: 372873

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*98*		*41 - 120*
2-Fluorobiphenyl	*56*		*48 - 120*
2-Fluorophenol	*64*		*35 - 120*
Nitrobenzene-d5	*83*		*46 - 120*
Phenol-d5	*53*		*22 - 120*
p-Terphenyl-d14	*56*	*X*	*59 - 136*

Lab Sample ID: 480-122870-2 MSD
Matrix: Ground Water
Analysis Batch: 373128

Client Sample ID: BCC Area C RFI-31 MSD_0817
Prep Type: Total/NA
Prep Batch: 372873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND	F1	32.0	20.2	F1	ug/L		63	65 - 126	7	18
2,4,6-Trichlorophenol	ND	F1	32.0	19.1	F1	ug/L		60	64 - 120	1	19
2,4-Dichlorophenol	1.1	J	32.0	29.9		ug/L		90	48 - 132	4	19
2,4-Dimethylphenol	ND		32.0	28.4		ug/L		89	39 - 130	1	42
2,4-Dinitrophenol	ND		64.0	45.4		ug/L		71	21 - 150	2	22
2,4-Dinitrotoluene	ND		32.0	20.5		ug/L		64	54 - 138	2	20
2,6-Dinitrotoluene	ND		32.0	19.7		ug/L		62	17 - 150	6	15
2-Chloronaphthalene	ND		32.0	17.3		ug/L		54	52 - 124	2	21
2-Chlorophenol	ND		32.0	25.7		ug/L		80	48 - 120	3	25
2-Methylnaphthalene	ND		32.0	25.8		ug/L		81	34 - 140	1	21
2-Methylphenol	ND		32.0	26.6		ug/L		83	46 - 120	2	27
2-Nitroaniline	ND		32.0	20.3		ug/L		63	44 - 136	1	15
2-Nitrophenol	ND		32.0	27.3		ug/L		85	38 - 141	3	18
3,3'-Dichlorobenzidine	ND		64.0	15.3		ug/L		24	10 - 150	10	25
3-Nitroaniline	ND		32.0	15.1		ug/L		47	32 - 150	7	19
4,6-Dinitro-2-methylphenol	ND		64.0	54.4		ug/L		85	38 - 150	10	15
4-Bromophenyl phenyl ether	ND		32.0	27.1		ug/L		85	63 - 126	3	15
4-Chloro-3-methylphenol	ND		32.0	28.4		ug/L		89	64 - 127	2	27
4-Chloroaniline	ND		32.0	18.8		ug/L		59	16 - 124	8	22
4-Chlorophenyl phenyl ether	ND	F1	32.0	18.1	F1	ug/L		57	61 - 120	5	16
4-Methylphenol	ND		32.0	24.9		ug/L		78	36 - 120	2	24
4-Nitroaniline	ND		32.0	19.3		ug/L		60	32 - 150	0	24
4-Nitrophenol	ND		64.0	43.0		ug/L		67	23 - 132	2	48
Acenaphthene	ND		32.0	18.0		ug/L		56	48 - 120	4	24
Acenaphthylene	ND	F1	32.0	18.8	F1	ug/L		59	63 - 120	1	18
Acetophenone	ND		32.0	26.8		ug/L		84	53 - 120	4	20
Aniline	ND		32.0	17.6		ug/L		55	32 - 120	11	30
Anthracene	ND		32.0	27.4		ug/L		86	65 - 122	1	15
Atrazine	ND		64.0	43.1		ug/L		67	50 - 150	6	20
Benzaldehyde	ND		64.0	42.8		ug/L		67	10 - 150	7	20
Benzo(a)anthracene	ND		32.0	23.6		ug/L		74	43 - 124	0	15
Benzo(a)pyrene	ND		32.0	22.0		ug/L		69	23 - 125	4	15
Benzo(b)fluoranthene	ND		32.0	23.2		ug/L		72	27 - 127	1	15
Benzo(g,h,i)perylene	ND		32.0	21.1		ug/L		66	16 - 147	4	15
Benzo(k)fluoranthene	ND		32.0	22.4		ug/L		70	20 - 124	3	22
Biphenyl	ND	F1	32.0	17.6	F1	ug/L		55	57 - 120	2	20

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

Lab Sample ID: 480-122870-2 MSD
Matrix: Ground Water
Analysis Batch: 373128

Client Sample ID: BCC Area C RFI-31 MSD_0817
Prep Type: Total/NA
Prep Batch: 372873

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	21.5		ug/L		67	28 - 121	7	24
Bis(2-chloroethoxy)methane	ND		32.0	25.6		ug/L		80	44 - 128	2	17
Bis(2-chloroethyl)ether	ND		32.0	24.7		ug/L		77	45 - 120	4	21
Bis(2-ethylhexyl) phthalate	ND		32.0	24.2		ug/L		76	16 - 150	4	15
Butyl benzyl phthalate	ND		32.0	27.5		ug/L		86	51 - 140	2	16
Caprolactam	ND		64.0	21.3		ug/L		33	10 - 120	1	20
Carbazole	ND		32.0	29.8		ug/L		93	16 - 148	1	20
Chrysene	ND		32.0	22.6		ug/L		71	44 - 122	3	15
Dibenz(a,h)anthracene	ND		32.0	20.8		ug/L		65	16 - 139	3	15
Dibenzofuran	ND	F1	32.0	18.6	F1	ug/L		58	60 - 120	1	15
Diethyl phthalate	ND		32.0	21.4		ug/L		67	53 - 133	2	15
Dimethyl phthalate	ND		32.0	20.4		ug/L		64	59 - 123	1	15
Di-n-butyl phthalate	ND		32.0	29.5		ug/L		92	65 - 129	2	15
Di-n-octyl phthalate	ND		32.0	23.3		ug/L		73	16 - 150	1	16
Fluoranthene	ND		32.0	28.7		ug/L		90	63 - 129	1	15
Fluorene	ND	F1	32.0	18.5	F1	ug/L		58	62 - 120	4	15
Hexachlorobenzene	ND		32.0	26.1		ug/L		82	57 - 121	1	15
Hexachlorobutadiene	ND		32.0	23.9		ug/L		75	37 - 120	7	44
Hexachlorocyclopentadiene	ND		32.0	12.8		ug/L		40	21 - 120	0	49
Hexachloroethane	ND		32.0	23.1		ug/L		72	16 - 130	8	46
Indeno(1,2,3-cd)pyrene	ND		32.0	20.9		ug/L		65	16 - 140	3	15
Isophorone	ND		32.0	27.0		ug/L		84	48 - 133	3	17
Naphthalene	ND		32.0	24.9		ug/L		78	45 - 120	3	29
Nitrobenzene	ND		32.0	26.2		ug/L		82	45 - 123	3	24
N-Nitrosodi-n-propylamine	ND		32.0	25.7		ug/L		80	49 - 120	4	31
N-Nitrosodiphenylamine	ND		32.0	26.7		ug/L		84	39 - 138	0	15
Pentachlorophenol	ND		64.0	57.4		ug/L		90	23 - 149	0	37
Phenanthrene	ND		32.0	29.8		ug/L		93	65 - 122	2	15
Phenol	ND		32.0	17.2		ug/L		54	16 - 120	4	34
Pyrene	ND		32.0	26.0		ug/L		81	58 - 128	3	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*99*		*41 - 120*
2-Fluorobiphenyl	*57*		*48 - 120*
2-Fluorophenol	*68*		*35 - 120*
Nitrobenzene-d5	*89*		*46 - 120*
Phenol-d5	*55*		*22 - 120*
p-Terphenyl-d14	*58*	*X*	*59 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-373012/1-A
Matrix: Water
Analysis Batch: 373443

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/21/17 07:50	08/22/17 17:47	1
Antimony	ND		0.020	0.0068	mg/L		08/21/17 07:50	08/22/17 17:47	1

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

Lab Sample ID: MB 480-373012/1-A
Matrix: Water
Analysis Batch: 373443

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		08/21/17 07:50	08/22/17 17:47	1
Barium	ND		0.0020	0.00070	mg/L		08/21/17 07:50	08/22/17 17:47	1
Beryllium	ND		0.0020	0.00030	mg/L		08/21/17 07:50	08/22/17 17:47	1
Cadmium	ND		0.0020	0.00050	mg/L		08/21/17 07:50	08/22/17 17:47	1
Calcium	ND		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 17:47	1
Chromium	ND		0.0040	0.0010	mg/L		08/21/17 07:50	08/22/17 17:47	1
Cobalt	ND		0.0040	0.00063	mg/L		08/21/17 07:50	08/22/17 17:47	1
Copper	ND		0.010	0.0016	mg/L		08/21/17 07:50	08/22/17 17:47	1
Iron	ND		0.050	0.019	mg/L		08/21/17 07:50	08/22/17 17:47	1
Lead	ND		0.010	0.0030	mg/L		08/21/17 07:50	08/22/17 17:47	1
Magnesium	ND		0.20	0.043	mg/L		08/21/17 07:50	08/22/17 17:47	1
Manganese	0.00124	J	0.0030	0.00040	mg/L		08/21/17 07:50	08/22/17 17:47	1
Nickel	ND		0.010	0.0013	mg/L		08/21/17 07:50	08/22/17 17:47	1
Potassium	ND		0.50	0.10	mg/L		08/21/17 07:50	08/22/17 17:47	1
Selenium	ND		0.025	0.0087	mg/L		08/21/17 07:50	08/22/17 17:47	1
Silver	ND		0.0060	0.0017	mg/L		08/21/17 07:50	08/22/17 17:47	1
Sodium	ND		1.0	0.32	mg/L		08/21/17 07:50	08/22/17 17:47	1
Thallium	ND		0.020	0.010	mg/L		08/21/17 07:50	08/22/17 17:47	1
Vanadium	ND		0.0050	0.0015	mg/L		08/21/17 07:50	08/22/17 17:47	1
Zinc	ND		0.010	0.0015	mg/L		08/21/17 07:50	08/22/17 17:47	1

Lab Sample ID: LCS 480-373012/2-A
Matrix: Water
Analysis Batch: 373443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.69		mg/L		97	80 - 120
Antimony	0.200	0.197		mg/L		99	80 - 120
Arsenic	0.200	0.196		mg/L		98	80 - 120
Barium	0.200	0.203		mg/L		101	80 - 120
Beryllium	0.200	0.199		mg/L		99	80 - 120
Cadmium	0.200	0.199		mg/L		100	80 - 120
Calcium	10.0	9.67		mg/L		97	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.200	0.187		mg/L		94	80 - 120
Copper	0.200	0.201		mg/L		100	80 - 120
Iron	10.0	10.01		mg/L		100	80 - 120
Lead	0.200	0.196		mg/L		98	80 - 120
Magnesium	10.0	9.97		mg/L		100	80 - 120
Manganese	0.200	0.205		mg/L		103	80 - 120
Nickel	0.200	0.192		mg/L		96	80 - 120
Potassium	10.0	9.87		mg/L		99	80 - 120
Selenium	0.200	0.199		mg/L		99	80 - 120
Silver	0.0500	0.0491		mg/L		98	80 - 120
Sodium	10.0	9.79		mg/L		98	80 - 120
Thallium	0.200	0.196		mg/L		98	80 - 120
Vanadium	0.200	0.198		mg/L		99	80 - 120
Zinc	0.200	0.194		mg/L		97	80 - 120

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

Lab Sample ID: 480-122870-2 MS
Matrix: Ground Water
Analysis Batch: 373443

Client Sample ID: BCC Area C RFI-31 MS_0817
Prep Type: Total/NA
Prep Batch: 373012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.19		mg/L		102	75 - 125
Antimony	ND		0.200	0.213		mg/L		107	75 - 125
Arsenic	ND		0.200	0.226		mg/L		113	75 - 125
Barium	0.022		0.200	0.211		mg/L		94	75 - 125
Beryllium	ND		0.200	0.201		mg/L		100	75 - 125
Cadmium	0.00073	J	0.200	0.218		mg/L		109	75 - 125
Calcium	365		10.0	377.8	4	mg/L		128	75 - 125
Chromium	ND		0.200	0.197		mg/L		98	75 - 125
Cobalt	0.0036	J	0.200	0.209		mg/L		103	75 - 125
Copper	ND		0.200	0.211		mg/L		105	75 - 125
Iron	1.2		10.0	11.08		mg/L		99	75 - 125
Lead	ND		0.200	0.212		mg/L		106	75 - 125
Magnesium	126		10.0	135.6	4	mg/L		94	75 - 125
Manganese	1.5	B	0.200	1.71	4	mg/L		97	75 - 125
Nickel	0.0041	J	0.200	0.213		mg/L		105	75 - 125
Potassium	14.4		10.0	24.80		mg/L		104	75 - 125
Selenium	ND		0.200	0.222		mg/L		111	75 - 125
Silver	ND		0.0500	0.0559		mg/L		112	75 - 125
Sodium	2080		10.0	2102	4	mg/L		185	75 - 125
Thallium	ND		0.200	0.190		mg/L		95	75 - 125
Vanadium	ND		0.200	0.206		mg/L		103	75 - 125
Zinc	0.0069	J	0.200	0.206		mg/L		100	75 - 125

Lab Sample ID: 480-122870-2 MSD
Matrix: Ground Water
Analysis Batch: 373443

Client Sample ID: BCC Area C RFI-31 MSD_0817
Prep Type: Total/NA
Prep Batch: 373012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.96		mg/L		100	75 - 125	2	20
Antimony	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Arsenic	ND		0.200	0.223		mg/L		111	75 - 125	1	20
Barium	0.022		0.200	0.209		mg/L		93	75 - 125	1	20
Beryllium	ND		0.200	0.197		mg/L		99	75 - 125	2	20
Cadmium	0.00073	J	0.200	0.215		mg/L		107	75 - 125	2	20
Calcium	365		10.0	368.0	4	mg/L		30	75 - 125	3	20
Chromium	ND		0.200	0.192		mg/L		96	75 - 125	2	20
Cobalt	0.0036	J	0.200	0.206		mg/L		101	75 - 125	1	20
Copper	ND		0.200	0.208		mg/L		104	75 - 125	1	20
Iron	1.2		10.0	10.87		mg/L		97	75 - 125	2	20
Lead	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Magnesium	126		10.0	134.3	4	mg/L		81	75 - 125	1	20
Manganese	1.5	B	0.200	1.69	4	mg/L		87	75 - 125	1	20
Nickel	0.0041	J	0.200	0.210		mg/L		103	75 - 125	1	20
Potassium	14.4		10.0	24.53		mg/L		101	75 - 125	1	20
Selenium	ND		0.200	0.219		mg/L		110	75 - 125	1	20
Silver	ND		0.0500	0.0553		mg/L		111	75 - 125	1	20
Sodium	2080		10.0	2075	4	mg/L		-82	75 - 125	1	20
Thallium	ND		0.200	0.186		mg/L		93	75 - 125	2	20

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

Lab Sample ID: 480-122870-2 MSD — **Client Sample ID: BCC Area C RFI-31 MSD_0817**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 373443 — **Prep Batch: 373012**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vanadium	ND		0.200	0.202		mg/L		101	75 - 125	2	20
Zinc	0.0069	J	0.200	0.201		mg/L		97	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-372770/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 372920 — **Prep Batch: 372770**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/18/17 10:10	08/18/17 14:02	1

Lab Sample ID: LCS 480-372770/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 372920 — **Prep Batch: 372770**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00615		mg/L		92	80 - 120

Lab Sample ID: 480-122870-2 MS — **Client Sample ID: BCC Area C RFI-31 MS_0817**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 372920 — **Prep Batch: 372770**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00562		mg/L		84	80 - 120

Lab Sample ID: 480-122870-2 MSD — **Client Sample ID: BCC Area C RFI-31 MSD_0817**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 372920 — **Prep Batch: 372770**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00573		mg/L		86	80 - 120	2	20

GC/MS VOA

Analysis Batch: 374100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-1	BCC Area C MW-C01_0817	Total/NA	Ground Water	8260C	
480-122870-2	BCC Area C RFI-31_0817	Total/NA	Ground Water	8260C	
480-122870-3	BCC Area C PS-04_0817	Total/NA	Ground Water	8260C	
480-122870-4	BCC Area C MW-C04_0817	Total/NA	Ground Water	8260C	
480-122870-5	BCC Area C RFI-20_0817	Total/NA	Ground Water	8260C	
480-122870-6	BCC Area C PS-05A_0817	Total/NA	Ground Water	8260C	
480-122870-7	BCC Area C PS-06_0817	Total/NA	Ground Water	8260C	
480-122870-8	BCC Area C RFI-31 D_0817	Total/NA	Ground Water	8260C	
480-122870-9	TRIP BLANK	Total/NA	Water	8260C	
MB 480-374100/6	Method Blank	Total/NA	Water	8260C	
LCS 480-374100/7	Lab Control Sample	Total/NA	Water	8260C	
480-122870-2 MS	BCC Area C RFI-31 MS_0817	Total/NA	Ground Water	8260C	
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	Total/NA	Ground Water	8260C	

Analysis Batch: 374159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-6 - DL	BCC Area C PS-05A_0817	Total/NA	Ground Water	8260C	
MB 480-374159/6	Method Blank	Total/NA	Water	8260C	
LCS 480-374159/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 372873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-1	BCC Area C MW-C01_0817	Total/NA	Ground Water	3510C	
480-122870-2	BCC Area C RFI-31_0817	Total/NA	Ground Water	3510C	
480-122870-3	BCC Area C PS-04_0817	Total/NA	Ground Water	3510C	
480-122870-4	BCC Area C MW-C04_0817	Total/NA	Ground Water	3510C	
480-122870-5	BCC Area C RFI-20_0817	Total/NA	Ground Water	3510C	
480-122870-6	BCC Area C PS-05A_0817	Total/NA	Ground Water	3510C	
480-122870-7	BCC Area C PS-06_0817	Total/NA	Ground Water	3510C	
480-122870-8	BCC Area C RFI-31 D_0817	Total/NA	Ground Water	3510C	
MB 480-372873/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-372873/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-122870-2 MS	BCC Area C RFI-31 MS_0817	Total/NA	Ground Water	3510C	
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	Total/NA	Ground Water	3510C	

Analysis Batch: 373128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-1	BCC Area C MW-C01_0817	Total/NA	Ground Water	8270D	372873
480-122870-2	BCC Area C RFI-31_0817	Total/NA	Ground Water	8270D	372873
480-122870-3	BCC Area C PS-04_0817	Total/NA	Ground Water	8270D	372873
480-122870-4	BCC Area C MW-C04_0817	Total/NA	Ground Water	8270D	372873
480-122870-5	BCC Area C RFI-20_0817	Total/NA	Ground Water	8270D	372873
480-122870-6	BCC Area C PS-05A_0817	Total/NA	Ground Water	8270D	372873
480-122870-7	BCC Area C PS-06_0817	Total/NA	Ground Water	8270D	372873
480-122870-8	BCC Area C RFI-31 D_0817	Total/NA	Ground Water	8270D	372873
MB 480-372873/1-A	Method Blank	Total/NA	Water	8270D	372873
LCS 480-372873/2-A	Lab Control Sample	Total/NA	Water	8270D	372873
480-122870-2 MS	BCC Area C RFI-31 MS_0817	Total/NA	Ground Water	8270D	372873

GC/MS Semi VOA (Continued)

Analysis Batch: 373128 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	Total/NA	Ground Water	8270D	372873

Metals

Prep Batch: 372770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-1	BCC Area C MW-C01_0817	Total/NA	Ground Water	7470A	
480-122870-2	BCC Area C RFI-31_0817	Total/NA	Ground Water	7470A	
480-122870-3	BCC Area C PS-04_0817	Total/NA	Ground Water	7470A	
480-122870-4	BCC Area C MW-C04_0817	Total/NA	Ground Water	7470A	
480-122870-5	BCC Area C RFI-20_0817	Total/NA	Ground Water	7470A	
480-122870-6	BCC Area C PS-05A_0817	Total/NA	Ground Water	7470A	
480-122870-7	BCC Area C PS-06_0817	Total/NA	Ground Water	7470A	
480-122870-8	BCC Area C RFI-31 D_0817	Total/NA	Ground Water	7470A	
MB 480-372770/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-372770/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-122870-2 MS	BCC Area C RFI-31 MS_0817	Total/NA	Ground Water	7470A	
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	Total/NA	Ground Water	7470A	

Analysis Batch: 372920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-1	BCC Area C MW-C01_0817	Total/NA	Ground Water	7470A	372770
480-122870-2	BCC Area C RFI-31_0817	Total/NA	Ground Water	7470A	372770
480-122870-3	BCC Area C PS-04_0817	Total/NA	Ground Water	7470A	372770
480-122870-4	BCC Area C MW-C04_0817	Total/NA	Ground Water	7470A	372770
480-122870-5	BCC Area C RFI-20_0817	Total/NA	Ground Water	7470A	372770
480-122870-6	BCC Area C PS-05A_0817	Total/NA	Ground Water	7470A	372770
480-122870-7	BCC Area C PS-06_0817	Total/NA	Ground Water	7470A	372770
480-122870-8	BCC Area C RFI-31 D_0817	Total/NA	Ground Water	7470A	372770
MB 480-372770/1-A	Method Blank	Total/NA	Water	7470A	372770
LCS 480-372770/2-A	Lab Control Sample	Total/NA	Water	7470A	372770
480-122870-2 MS	BCC Area C RFI-31 MS_0817	Total/NA	Ground Water	7470A	372770
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	Total/NA	Ground Water	7470A	372770

Prep Batch: 373012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-1	BCC Area C MW-C01_0817	Total/NA	Ground Water	3005A	
480-122870-2	BCC Area C RFI-31_0817	Total/NA	Ground Water	3005A	
480-122870-3	BCC Area C PS-04_0817	Total/NA	Ground Water	3005A	
480-122870-4	BCC Area C MW-C04_0817	Total/NA	Ground Water	3005A	
480-122870-5	BCC Area C RFI-20_0817	Total/NA	Ground Water	3005A	
480-122870-6	BCC Area C PS-05A_0817	Total/NA	Ground Water	3005A	
480-122870-7	BCC Area C PS-06_0817	Total/NA	Ground Water	3005A	
480-122870-8	BCC Area C RFI-31 D_0817	Total/NA	Ground Water	3005A	
MB 480-373012/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-373012/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-122870-2 MS	BCC Area C RFI-31 MS_0817	Total/NA	Ground Water	3005A	
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	Total/NA	Ground Water	3005A	

Metals (Continued)

Analysis Batch: 373443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122870-1	BCC Area C MW-C01_0817	Total/NA	Ground Water	6010C	373012
480-122870-2	BCC Area C RFI-31_0817	Total/NA	Ground Water	6010C	373012
480-122870-3	BCC Area C PS-04_0817	Total/NA	Ground Water	6010C	373012
480-122870-4	BCC Area C MW-C04_0817	Total/NA	Ground Water	6010C	373012
480-122870-5	BCC Area C RFI-20_0817	Total/NA	Ground Water	6010C	373012
480-122870-6	BCC Area C PS-05A_0817	Total/NA	Ground Water	6010C	373012
480-122870-7	BCC Area C PS-06_0817	Total/NA	Ground Water	6010C	373012
480-122870-8	BCC Area C RFI-31 D_0817	Total/NA	Ground Water	6010C	373012
MB 480-373012/1-A	Method Blank	Total/NA	Water	6010C	373012
LCS 480-373012/2-A	Lab Control Sample	Total/NA	Water	6010C	373012
480-122870-2 MS	BCC Area C RFI-31 MS_0817	Total/NA	Ground Water	6010C	373012
480-122870-2 MSD	BCC Area C RFI-31 MSD_0817	Total/NA	Ground Water	6010C	373012

Lab Chronicle

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C MW-C01_0817

Lab Sample ID: 480-122870-1

Date Collected: 08/17/17 10:25

Matrix: Ground Water

Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	374100	08/27/17 14:51	NEA	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		1	373128	08/21/17 20:20	MKP	TAL BUF
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:04	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	372920	08/18/17 14:05	MVZ	TAL BUF

Client Sample ID: BCC Area C RFI-31_0817

Lab Sample ID: 480-122870-2

Date Collected: 08/17/17 08:25

Matrix: Ground Water

Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	374100	08/27/17 15:14	NEA	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		1	373128	08/21/17 19:50	MKP	TAL BUF
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:08	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	372920	08/18/17 14:07	MVZ	TAL BUF

Client Sample ID: BCC Area C PS-04_0817

Lab Sample ID: 480-122870-3

Date Collected: 08/17/17 11:22

Matrix: Ground Water

Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	374100	08/27/17 15:37	NEA	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		1	373128	08/21/17 20:49	MKP	TAL BUF
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:26	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	372920	08/18/17 14:15	MVZ	TAL BUF

Client Sample ID: BCC Area C MW-C04_0817

Lab Sample ID: 480-122870-4

Date Collected: 08/17/17 12:20

Matrix: Ground Water

Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	374100	08/27/17 16:00	NEA	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		1	373128	08/21/17 21:18	MKP	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C MW-C04_0817

Lab Sample ID: 480-122870-4

Date Collected: 08/17/17 12:20
Matrix: Ground Water
Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:30	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	372920	08/18/17 14:17	MVZ	TAL BUF

Client Sample ID: BCC Area C RFI-20_0817

Lab Sample ID: 480-122870-5

Date Collected: 08/17/17 13:10
Matrix: Ground Water
Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	374100	08/27/17 16:23	NEA	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		1	373128	08/21/17 21:48	MKP	TAL BUF
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:33	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	372920	08/18/17 14:19	MVZ	TAL BUF

Client Sample ID: BCC Area C PS-05A_0817

Lab Sample ID: 480-122870-6

Date Collected: 08/17/17 14:00
Matrix: Ground Water
Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	374100	08/27/17 16:46	NEA	TAL BUF
Total/NA	Analysis	8260C	DL	10	374159	08/28/17 16:40	ARS	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		1	373128	08/21/17 22:17	MKP	TAL BUF
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:48	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	372920	08/18/17 14:24	MVZ	TAL BUF

Client Sample ID: BCC Area C PS-06_0817

Lab Sample ID: 480-122870-7

Date Collected: 08/17/17 14:45
Matrix: Ground Water
Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	374100	08/27/17 17:09	NEA	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		5	373128	08/21/17 22:47	MKP	TAL BUF
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:51	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-122870-1

Client Sample ID: BCC Area C PS-06_0817

Lab Sample ID: 480-122870-7

Date Collected: 08/17/17 14:45
Matrix: Ground Water
Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	372920	08/18/17 14:26	MVZ	TAL BUF

Client Sample ID: BCC Area C RFI-31 D_0817

Lab Sample ID: 480-122870-8

Date Collected: 08/17/17 08:40
Matrix: Ground Water
Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	374100	08/27/17 17:32	NEA	TAL BUF
Total/NA	Prep	3510C			372873	08/18/17 12:59	RLT	TAL BUF
Total/NA	Analysis	8270D		1	373128	08/21/17 23:16	MKP	TAL BUF
Total/NA	Prep	3005A			373012	08/21/17 07:50	EMB	TAL BUF
Total/NA	Analysis	6010C		1	373443	08/22/17 18:55	LMH	TAL BUF
Total/NA	Prep	7470A			372770	08/18/17 10:10	MVZ	TAL BUF
Total/NA	Analysis	7470A		1	372920	08/18/17 14:28	MVZ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-122870-9

Date Collected: 08/17/17 00:00
Matrix: Water
Date Received: 08/17/17 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	374100	08/27/17 17:56	NEA	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc. TestAmerica Job ID: 480-122870-1
Project/Site: Buffalo Color Area C Wells

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Method Summary

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

TestAmerica Job ID: 480-122870-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

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

TestAmerica Job ID: 480-122870-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-122870-1	BCC Area C MW-C01_0817	Ground Water	08/17/17 10:25	08/17/17 15:40
480-122870-2	BCC Area C RFI-31_0817	Ground Water	08/17/17 08:25	08/17/17 15:40
480-122870-3	BCC Area C PS-04_0817	Ground Water	08/17/17 11:22	08/17/17 15:40
480-122870-4	BCC Area C MW-C04_0817	Ground Water	08/17/17 12:20	08/17/17 15:40
480-122870-5	BCC Area C RFI-20_0817	Ground Water	08/17/17 13:10	08/17/17 15:40
480-122870-6	BCC Area C PS-05A_0817	Ground Water	08/17/17 14:00	08/17/17 15:40
480-122870-7	BCC Area C PS-06_0817	Ground Water	08/17/17 14:45	08/17/17 15:40
480-122870-8	BCC Area C RFI-31 D_0817	Ground Water	08/17/17 08:40	08/17/17 15:40
480-122870-9	TRIP BLANK	Water	08/17/17 00:00	08/17/17 15:40

10 Hazelwood Drive

Amherst, NY 14228

phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 8-17-17	COC No: 202542.0817
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	**Analysis Turnaround Time**			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			SDG No.
(716) 842-1785 FAX	[x] 2 weeks			
Project Name: Buffalo Color GWTF Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 60467	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals	8270C - (MOD) TLC SVOA - 4.2 list +analine	Sample Specific Notes:
BCC_Area C_MW-C01_0817	8/17-17	1025	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0817	8/17-17	0825	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0817	8/17-17	1122	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_0817	8/17-17	1220	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0817	8/17-17	1310	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0817	8/17-17	1400	G	W	6	N	3	1	2	
BCC_Area C_PS-06_0817	8/17-17	1445	G	W	6	N	3	1	2	
BCC_Area C_RFI-31 D_0817	8/17-17	0840	G	W	6	N	3	1	2	
BCC_Area C_RFI-31 MS_0817	8/17-17	0855	G	W	6	N	3	1	2	
BCC_Area C_RFI-31 MSD_0817	8/17-17	0910	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
Container Volume (mL)							40	250	250	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							2	4	1	

480-122870 COC

Possible Hazard Identification

[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* *Poison B* [ ] *Unknown* [x]

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

[ ] *Return To Client* [x] *Disposal By Lab* [ ] *Archive For _____ Months*

Special Instructions/QC Requirements & Comments:

BCC_AREA C - RFI-31F _0817 : 8/17/17 : 10:35 : G : W : 1 : N : 1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	8/17/17 1540			8/17/17 1540
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

3,5 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-122870-1

Login Number: 122870
List Number: 1
Creator: Janish, Carl 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.	N/A	
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: 480-127895-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
12/6/2017 3:33:01 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

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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 C Wells

TestAmerica Job ID: 480-127895-1

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.
*	LCS or LCSD is outside acceptance limits.
X	Surrogate is outside 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.
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.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-127895-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-127895-1

Comments
No additional comments.

Receipt
The samples were received on 11/21/2017 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.1º C and 3.1º C.

GC/MS VOA
Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 490-479196 recovered outside control limits for the following analytes: 1,2-Dichloroethane, Chloroethane, Dichlorodifluoromethane and Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported: BCC Area C RFI-20_1117 (480-127895-1), BCC Area C MW-C01_1117 (480-127895-2), BCC Area C MW-C04_1117 (480-127895-3), BCC Area C PS-04_1117 (480-127895-4), BCC Area C PS-06_1117 (480-127895-6), BCC Area C RFI-20 D_1117 (480-127895-7), BCC Area C RFI-31_1117 (480-127895-8) and Trip Blank_1117 (480-127895-9).

Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 490-479705 recovered outside control limits for the following analytes: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported: BCC Area C PS-05A_1117 (480-127895-5) and BCC Area C RFI-31_1117 (480-127895-8).

Method(s) 8260C: The Laboratory control sample (LCS) in batch 490-479707recovered low for the following analytes: Carbon Disulfide. Data has been reported with marginal exceedance: BCC Area C PS-05A_1117 (480-127895-5) and BCC Area C RFI-31_1117 (480-127895-8).

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: Acid surrogate 2,4,6-tribromophenol recovered outside of control limits, high, in the batch LCS. The associated samples were non detect for acid extractable target analytes; Therefore, re-extraction and re-analysis were not performed. The data has been reported and qualified. BCC Area C RFI-20_1117 (480-127895-1), BCC Area C MW-C01_1117 (480-127895-2), BCC Area C MW-C04_1117 (480-127895-3), BCC Area C PS-04_1117 (480-127895-4), BCC Area C PS-05A_1117 (480-127895-5), BCC Area C PS-06_1117 (480-127895-6, BCC Area C RFI-20 D_1117 (480-127895-7) and BCC Area C RFI-31_1117 (480-127895-8)

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-389029 recovered above the upper control limit for 4-Nitrophenol and Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C RFI-20_1117 (480-127895-1), BCC Area C MW-C01_1117 (480-127895-2), BCC Area C MW-C04_1117 (480-127895-3), BCC Area C PS-04_1117 (480-127895-4), BCC Area C PS-05A_1117 (480-127895-5), BCC Area C RFI-20 D_1117 (480-127895-7) and BCC Area C RFI-31_1117 (480-127895-8).

Method(s) 8270D: Due to an increase in the spiking concentration required for other analytes of interest, the following compounds have been elevated to a level at or above the upper range of the initial calibration: 3,3'-Dichlorobenzidine and/or Pentachlorophenol. The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) recovered within acceptable limits for these analytes and have been qualified with an "E" flag. (LCS 480-388728/2-A)

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area C RFI-20 MS_1117 (480-127895-1[MS]), BCC Area C RFI-20 MSD_1117 (480-127895-1[MSD]), BCC Area C MW-C01_1117 (480-127895-2), BCC Area C MW-C04_1117 (480-127895-3), BCC Area C PS-04_1117 (480-127895-4) and BCC Area C RFI-31_1117 (480-127895-8). These results have been reported and qualified.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-388728 recovered outside control limits for the following analytes: Atrazine. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data

Job ID: 480-127895-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

have been reported.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: BCC Area C PS-06_1117 (480-127895-6). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-389059 recovered above the upper control limit for 4-Nitrophenol, Atrazine and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area C PS-06_1117 (480-127895-6).

Method(s) 8270D, 8270D LL: The continuing calibration verification (CCV) analyzed in batch 480-389059 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The following sample is impacted: BCC Area C PS-06_1117 (480-127895-6).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area C PS-06_1117 (480-127895-6). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 480-389029 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-388728 recovered outside control limits for the following analytes: Atrazine. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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 480-390042/23) contained Total Chromium and Iron outside the control limits. All reported samples BCC Area C PS-06_1117 (480-127895-6) associated with this CCVL were either below the laboratory's standard reporting limit for these analytes or contained these analytes at concentrations greater than 10X the values found in the CCVL; therefore, re-analysis of samples was not performed.

Method(s) 6010C: The following sample was diluted due to the nature of the sample matrix: BCC Area C PS-06_1117 (480-127895-6). 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.

VOA Prep

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

Detection Summary

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C RFI-20_1117 — Lab Sample ID: 480-127895-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	12		1.0	0.18	ug/L	1		8260C	Total/NA
2-Methylnaphthalene	0.68	J	5.0	0.60	ug/L	1		8270D	Total/NA
Naphthalene	3.5	J	5.0	0.76	ug/L	1		8270D	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.061		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	220		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	15.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	21.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.50	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.010		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	38.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0057	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C01_1117 — Lab Sample ID: 480-127895-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.48	J	5.0	0.41	ug/L	1		8270D	Total/NA
Anthracene	0.54	J	5.0	0.28	ug/L	1		8270D	Total/NA
Benzo(a)anthracene	1.3	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	1.3	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	1.8	J	5.0	0.34	ug/L	1		8270D	Total/NA
Benzo(g,h,i)perylene	0.96	J	5.0	0.35	ug/L	1		8270D	Total/NA
Carbazole	0.48	J	5.0	0.30	ug/L	1		8270D	Total/NA
Chrysene	1.3	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	3.0	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.54	J	5.0	0.36	ug/L	1		8270D	Total/NA
Indeno(1,2,3-cd)pyrene	0.92	J	5.0	0.47	ug/L	1		8270D	Total/NA
Naphthalene	1.9	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	2.4	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	2.3	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	1.3		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.084		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	48.9		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0061		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0065	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.024		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	6.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.033	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0035	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	166		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0039	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.045		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00013	J	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C MW-C04_1117 — Lab Sample ID: 480-127895-3

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C MW-C04_1117 (Continued) — Lab Sample ID: 480-127895-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.8		1.0	0.19	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	16		1.0	0.18	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	30		1.0	0.17	ug/L	1		8260C	Total/NA
Chlorobenzene	180		1.0	0.18	ug/L	1		8260C	Total/NA
2,4-Dichlorophenol	0.98	J	5.0	0.51	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	0.77	J	5.0	0.51	ug/L	1		8270D	Total/NA
Barium	0.50		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	232		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0022	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	9.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0035	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	0.98	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	34.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0096	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-04_1117 — Lab Sample ID: 480-127895-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.5	J	5.0	0.76	ug/L	1		8270D	Total/NA
Aluminum	0.077	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.041		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0087		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	216		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0047		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.040		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.16		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	30.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.012	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.071		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.49		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_1117 — Lab Sample ID: 480-127895-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	3.6		1.0	0.19	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	0.38	J	1.0	0.17	ug/L	1		8260C	Total/NA
Acetone	3.0	J	25	2.7	ug/L	1		8260C	Total/NA
Chlorobenzene	140		1.0	0.18	ug/L	1		8260C	Total/NA
2-Chlorophenol	1.4	J	5.0	0.53	ug/L	1		8270D	Total/NA
Naphthalene	1.1	J	5.0	0.76	ug/L	1		8270D	Total/NA
Arsenic	0.17		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.019		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	268		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	29.2		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	24.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.41	B	0.0030	0.00040	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-05A_1117 (Continued) — Lab Sample ID: 480-127895-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	13.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	108		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.014		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_1117 — Lab Sample ID: 480-127895-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.24	ug/L	1		8260C	Total/NA
Aluminum	0.38	J	0.40	0.12	mg/L	2		6010C	Total/NA
Arsenic	0.088		0.030	0.011	mg/L	2		6010C	Total/NA
Barium	0.012		0.0040	0.0014	mg/L	2		6010C	Total/NA
Calcium	216		1.0	0.20	mg/L	2		6010C	Total/NA
Copper	0.0034	J	0.020	0.0032	mg/L	2		6010C	Total/NA
Iron	44.5	^	0.10	0.039	mg/L	2		6010C	Total/NA
Magnesium	10.2		0.40	0.087	mg/L	2		6010C	Total/NA
Manganese	0.20	B	0.0060	0.00080	mg/L	2		6010C	Total/NA
Potassium	71.4		1.0	0.20	mg/L	2		6010C	Total/NA
Sodium	69.7		2.0	0.65	mg/L	2		6010C	Total/NA
Zinc	0.027		0.020	0.0030	mg/L	2		6010C	Total/NA

Client Sample ID: BCC Area C RFI-20 D_1117 — Lab Sample ID: 480-127895-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	12		1.0	0.18	ug/L	1		8260C	Total/NA
2-Methylnaphthalene	0.64	J	5.0	0.60	ug/L	1		8270D	Total/NA
Naphthalene	3.3	J	5.0	0.76	ug/L	1		8270D	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.058		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	212		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	13.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	20.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.48	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0090	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	36.5		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 C RFI-31_1117 — Lab Sample ID: 480-127895-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	450		10	2.0	ug/L	10		8260C	Total/NA
1,2-Dichlorobenzene	33		1.0	0.19	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	420		10	1.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	55		1.0	0.17	ug/L	1		8260C	Total/NA
Benzene	1.8		1.0	0.20	ug/L	1		8260C	Total/NA
Chlorobenzene	150		1.0	0.18	ug/L	1		8260C	Total/NA
Ethylbenzene	0.33	J	1.0	0.19	ug/L	1		8260C	Total/NA
2,4,5-Trichlorophenol	0.71	J	5.0	0.48	ug/L	1		8270D	Total/NA
2,4-Dichlorophenol	1.2	J	5.0	0.51	ug/L	1		8270D	Total/NA
4-Chloroaniline	1.3	J	5.0	0.59	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C RFI-31_1117 (Continued) — Lab Sample ID: 480-127895-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.024		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.023		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00054	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	445		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0040		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	6.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	161		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	0.0043	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2150		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0097	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00032		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: TRIP BLANK_1117 — Lab Sample ID: 480-127895-9

No Detections.

Client Sample ID: BCC Area C RFI-20F_1117 — Lab Sample ID: 480-127895-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0084	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.054		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	216		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	8.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	21.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.49	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	8.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	37.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0029	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05AF_1117 — Lab Sample ID: 480-127895-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.18		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.018		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	267		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	29.6		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	23.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.41	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	13.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	110		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 C MW-C04F_1117 — Lab Sample ID: 480-127895-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.43		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	232		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.9		0.050	0.019	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C MW-C04F_1117 (Continued) — Lab Sample ID: 480-127895-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0033	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	0.98	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	34.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0075	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C01F_1117 — Lab Sample ID: 480-127895-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.064		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	47.7		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0013	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Magnesium	5.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.011	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	170		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0090	J	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C RFI-20_1117
Date Collected: 11/21/17 08:35
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-1
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	0.19	ug/L			11/28/17 17:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 17:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 17:12	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 17:12	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 17:12	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 17:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 17:12	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 17:12	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/28/17 17:12	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 17:12	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 17:12	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/28/17 17:12	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/28/17 17:12	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 17:12	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 17:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 17:12	1
Acetone	ND		25	2.7	ug/L			11/28/17 17:12	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 17:12	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 17:12	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 17:12	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 17:12	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 17:12	1
Chlorobenzene	**12**		1.0	0.18	ug/L			11/28/17 17:12	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 17:12	1
Chloroethane	ND	* F1	1.0	0.36	ug/L			11/28/17 17:12	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 17:12	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 17:12	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 17:12	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 17:12	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 17:12	1
Dichlorodifluoromethane	ND	* F1	1.0	0.17	ug/L			11/28/17 17:12	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 17:12	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 17:12	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 17:12	1
Methyl acetate	ND	F1	10	0.58	ug/L			11/28/17 17:12	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 17:12	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 17:12	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 17:12	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 17:12	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 17:12	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 17:12	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 17:12	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 17:12	1
Trichlorofluoromethane	ND	* F1	1.0	0.21	ug/L			11/28/17 17:12	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 17:12	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 17:12	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 17:12	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 17:12	1

Client Sample ID: BCC Area C RFI-20_1117
Date Collected: 11/21/17 08:35
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-1
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*11/28/17 17:12*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/28/17 17:12*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/28/17 17:12*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*11/28/17 17:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 20:08	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 20:08	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 20:08	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 20:08	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 20:08	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 20:08	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:08	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 20:08	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/22/17 07:38	11/24/17 20:08	1
2-Methylnaphthalene	**0.68**	**J**	5.0	0.60	ug/L		11/22/17 07:38	11/24/17 20:08	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:08	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 20:08	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 20:08	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:08	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 20:08	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 20:08	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 20:08	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 20:08	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 20:08	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 20:08	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 20:08	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 20:08	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 20:08	1
Acenaphthene	ND		5.0	0.41	ug/L		11/22/17 07:38	11/24/17 20:08	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 20:08	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 20:08	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 20:08	1
Anthracene	ND		5.0	0.28	ug/L		11/22/17 07:38	11/24/17 20:08	1
Atrazine	ND	*	5.0	0.46	ug/L		11/22/17 07:38	11/24/17 20:08	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 20:08	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 20:08	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 20:08	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 20:08	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 20:08	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 20:08	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 20:08	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 20:08	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 20:08	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:08	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 20:08	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 20:08	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 20:08	1
Carbazole	ND		5.0	0.30	ug/L		11/22/17 07:38	11/24/17 20:08	1

Client Sample ID: BCC Area C RFI-20_1117
Date Collected: 11/21/17 08:35
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		11/22/17 07:38	11/24/17 20:08	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 20:08	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 20:08	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 20:08	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 20:08	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 20:08	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 20:08	1
Fluoranthene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:08	1
Fluorene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 20:08	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 20:08	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 20:08	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 20:08	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 20:08	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 20:08	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 20:08	1
Naphthalene	**3.5**	**J**	5.0	0.76	ug/L		11/22/17 07:38	11/24/17 20:08	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 20:08	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 20:08	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 20:08	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 20:08	1
Phenanthrene	ND		5.0	0.44	ug/L		11/22/17 07:38	11/24/17 20:08	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 20:08	1
Pyrene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*41 - 120*	*11/22/17 07:38*	*11/24/17 20:08*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*11/22/17 07:38*	*11/24/17 20:08*	*1*
2-Fluorophenol	*67*		*35 - 120*	*11/22/17 07:38*	*11/24/17 20:08*	*1*
Nitrobenzene-d5	*95*		*46 - 120*	*11/22/17 07:38*	*11/24/17 20:08*	*1*
Phenol-d5	*50*		*22 - 120*	*11/22/17 07:38*	*11/24/17 20:08*	*1*
p-Terphenyl-d14	*79*		*59 - 136*	*11/22/17 07:38*	*11/24/17 20:08*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:09	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:09	1
Arsenic	**0.012**	**J**	0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:09	1
Barium	**0.061**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:09	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:09	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:09	1
Calcium	**220**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:09	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:09	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:09	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:09	1
Iron	**15.0**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:09	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:09	1
Magnesium	**21.9**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:09	1
Manganese	**0.50**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:09	1
Nickel	**0.010**		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:09	1
Potassium	**8.5**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:09	1

Client Sample ID: BCC Area C RFI-20_1117
Date Collected: 11/21/17 08:35
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:09	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:09	1
Sodium	**38.3**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:09	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:09	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:09	1
Zinc	**0.0057**	**J**	0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:10	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C MW-C01_1117
Date Collected: 11/21/17 15:10
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-2
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	0.19	ug/L			11/28/17 17:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 17:38	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 17:38	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 17:38	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 17:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 17:38	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 17:38	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/28/17 17:38	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 17:38	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 17:38	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/28/17 17:38	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/28/17 17:38	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 17:38	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 17:38	1
Acetone	ND		25	2.7	ug/L			11/28/17 17:38	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 17:38	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 17:38	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 17:38	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 17:38	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 17:38	1
Chlorobenzene	ND		1.0	0.18	ug/L			11/28/17 17:38	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 17:38	1
Chloroethane	ND	*	1.0	0.36	ug/L			11/28/17 17:38	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 17:38	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 17:38	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 17:38	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 17:38	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 17:38	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/28/17 17:38	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 17:38	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 17:38	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 17:38	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 17:38	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 17:38	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 17:38	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 17:38	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 17:38	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 17:38	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 17:38	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 17:38	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 17:38	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			11/28/17 17:38	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 17:38	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 17:38	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 17:38	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 17:38	1

Client Sample ID: BCC Area C MW-C01_1117

Lab Sample ID: 480-127895-2

Date Collected: 11/21/17 15:10

Matrix: Ground Water

Date Received: 11/21/17 17:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*11/28/17 17:38*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/28/17 17:38*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/28/17 17:38*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*11/28/17 17:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 20:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 20:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 20:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 20:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 20:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 20:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 20:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/22/17 07:38	11/24/17 20:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/22/17 07:38	11/24/17 20:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:36	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 20:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 20:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:36	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 20:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 20:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 20:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 20:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 20:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 20:36	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 20:36	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 20:36	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 20:36	1
Acenaphthene	**0.48**	**J**	5.0	0.41	ug/L		11/22/17 07:38	11/24/17 20:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 20:36	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 20:36	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 20:36	1
Anthracene	**0.54**	**J**	5.0	0.28	ug/L		11/22/17 07:38	11/24/17 20:36	1
Atrazine	ND	*	5.0	0.46	ug/L		11/22/17 07:38	11/24/17 20:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 20:36	1
Benzo(a)anthracene	**1.3**	**J**	5.0	0.36	ug/L		11/22/17 07:38	11/24/17 20:36	1
Benzo(a)pyrene	**1.3**	**J**	5.0	0.47	ug/L		11/22/17 07:38	11/24/17 20:36	1
Benzo(b)fluoranthene	**1.8**	**J**	5.0	0.34	ug/L		11/22/17 07:38	11/24/17 20:36	1
Benzo(g,h,i)perylene	**0.96**	**J**	5.0	0.35	ug/L		11/22/17 07:38	11/24/17 20:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 20:36	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 20:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 20:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 20:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 20:36	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 20:36	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 20:36	1
Carbazole	**0.48**	**J**	5.0	0.30	ug/L		11/22/17 07:38	11/24/17 20:36	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C MW-C01_1117
Date Collected: 11/21/17 15:10
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**1.3**	**J**	5.0	0.33	ug/L		11/22/17 07:38	11/24/17 20:36	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 20:36	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 20:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 20:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 20:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 20:36	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 20:36	1
Fluoranthene	**3.0**	**J**	5.0	0.40	ug/L		11/22/17 07:38	11/24/17 20:36	1
Fluorene	**0.54**	**J**	5.0	0.36	ug/L		11/22/17 07:38	11/24/17 20:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 20:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 20:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 20:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 20:36	1
Indeno(1,2,3-cd)pyrene	**0.92**	**J**	5.0	0.47	ug/L		11/22/17 07:38	11/24/17 20:36	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 20:36	1
Naphthalene	**1.9**	**J**	5.0	0.76	ug/L		11/22/17 07:38	11/24/17 20:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 20:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 20:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 20:36	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 20:36	1
Phenanthrene	**2.4**	**J**	5.0	0.44	ug/L		11/22/17 07:38	11/24/17 20:36	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 20:36	1
Pyrene	**2.3**	**J**	5.0	0.34	ug/L		11/22/17 07:38	11/24/17 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*125*	*X*	*41 - 120*	*11/22/17 07:38*	*11/24/17 20:36*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*11/22/17 07:38*	*11/24/17 20:36*	*1*
2-Fluorophenol	*71*		*35 - 120*	*11/22/17 07:38*	*11/24/17 20:36*	*1*
Nitrobenzene-d5	*102*		*46 - 120*	*11/22/17 07:38*	*11/24/17 20:36*	*1*
Phenol-d5	*53*		*22 - 120*	*11/22/17 07:38*	*11/24/17 20:36*	*1*
p-Terphenyl-d14	*82*		*59 - 136*	*11/22/17 07:38*	*11/24/17 20:36*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.3**		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:37	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:37	1
Arsenic	ND		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:37	1
Barium	**0.084**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:37	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:37	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:37	1
Calcium	**48.9**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:37	1
Chromium	**0.0061**		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:37	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:37	1
Copper	**0.0065**	**J**	0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:37	1
Iron	**1.8**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:37	1
Lead	**0.024**		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:37	1
Magnesium	**6.2**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:37	1
Manganese	**0.033**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:37	1
Nickel	**0.0035**	**J**	0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:37	1
Potassium	**6.4**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:37	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C MW-C01_1117
Date Collected: 11/21/17 15:10
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:37	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:37	1
Sodium	**166**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:37	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:37	1
Vanadium	**0.0039**	**J**	0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:37	1
Zinc	**0.045**		0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00013**	**J**	0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:21	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C MW-C04_1117
Date Collected: 11/21/17 13:25
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-3
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	0.19	ug/L			11/28/17 20:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 20:15	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 20:15	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 20:15	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 20:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 20:15	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 20:15	1
1,2-Dichlorobenzene	**2.8**		1.0	0.19	ug/L			11/28/17 20:15	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 20:15	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 20:15	1
1,3-Dichlorobenzene	**16**		1.0	0.18	ug/L			11/28/17 20:15	1
1,4-Dichlorobenzene	**30**		1.0	0.17	ug/L			11/28/17 20:15	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 20:15	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 20:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 20:15	1
Acetone	ND		25	2.7	ug/L			11/28/17 20:15	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 20:15	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 20:15	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 20:15	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 20:15	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 20:15	1
Chlorobenzene	**180**		1.0	0.18	ug/L			11/28/17 20:15	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 20:15	1
Chloroethane	ND	*	1.0	0.36	ug/L			11/28/17 20:15	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 20:15	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 20:15	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 20:15	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 20:15	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 20:15	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/28/17 20:15	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 20:15	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 20:15	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 20:15	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 20:15	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 20:15	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 20:15	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 20:15	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 20:15	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 20:15	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 20:15	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 20:15	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 20:15	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			11/28/17 20:15	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 20:15	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 20:15	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 20:15	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 20:15	1

Client Sample ID: BCC Area C MW-C04_1117

Lab Sample ID: 480-127895-3

Date Collected: 11/21/17 13:25

Matrix: Ground Water

Date Received: 11/21/17 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*11/28/17 20:15*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*11/28/17 20:15*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/28/17 20:15*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*11/28/17 20:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 21:05	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 21:05	1
2,4-Dichlorophenol	**0.98**	**J**	5.0	0.51	ug/L		11/22/17 07:38	11/24/17 21:05	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 21:05	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 21:05	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 21:05	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:05	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 21:05	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/22/17 07:38	11/24/17 21:05	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/22/17 07:38	11/24/17 21:05	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:05	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 21:05	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 21:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:05	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 21:05	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 21:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 21:05	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 21:05	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 21:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 21:05	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 21:05	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 21:05	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 21:05	1
Acenaphthene	ND		5.0	0.41	ug/L		11/22/17 07:38	11/24/17 21:05	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 21:05	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 21:05	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 21:05	1
Anthracene	ND		5.0	0.28	ug/L		11/22/17 07:38	11/24/17 21:05	1
Atrazine	ND	*	5.0	0.46	ug/L		11/22/17 07:38	11/24/17 21:05	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 21:05	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 21:05	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 21:05	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 21:05	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 21:05	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 21:05	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 21:05	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 21:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 21:05	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:05	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 21:05	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 21:05	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 21:05	1
Carbazole	ND		5.0	0.30	ug/L		11/22/17 07:38	11/24/17 21:05	1

Client Sample ID: BCC Area C MW-C04_1117
Date Collected: 11/21/17 13:25
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		11/22/17 07:38	11/24/17 21:05	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 21:05	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 21:05	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 21:05	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 21:05	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 21:05	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 21:05	1
Fluoranthene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:05	1
Fluorene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 21:05	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 21:05	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 21:05	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 21:05	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 21:05	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 21:05	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 21:05	1
Naphthalene	ND		5.0	0.76	ug/L		11/22/17 07:38	11/24/17 21:05	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 21:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 21:05	1
N-Nitrosodiphenylamine	**0.77**	**J**	5.0	0.51	ug/L		11/22/17 07:38	11/24/17 21:05	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 21:05	1
Phenanthrene	ND		5.0	0.44	ug/L		11/22/17 07:38	11/24/17 21:05	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 21:05	1
Pyrene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*127*	*X*	*41 - 120*	*11/22/17 07:38*	*11/24/17 21:05*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*11/22/17 07:38*	*11/24/17 21:05*	*1*
2-Fluorophenol	*69*		*35 - 120*	*11/22/17 07:38*	*11/24/17 21:05*	*1*
Nitrobenzene-d5	*97*		*46 - 120*	*11/22/17 07:38*	*11/24/17 21:05*	*1*
Phenol-d5	*53*		*22 - 120*	*11/22/17 07:38*	*11/24/17 21:05*	*1*
p-Terphenyl-d14	*70*		*59 - 136*	*11/22/17 07:38*	*11/24/17 21:05*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:41	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:41	1
Arsenic	ND		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:41	1
Barium	**0.50**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:41	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:41	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:41	1
Calcium	**232**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:41	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:41	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:41	1
Copper	**0.0022**	**J**	0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:41	1
Iron	**9.7**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:41	1
Lead	**0.0035**	**J**	0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:41	1
Magnesium	**31.1**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:41	1
Manganese	**0.98**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:41	1
Nickel	ND		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:41	1
Potassium	**8.6**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:41	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C MW-C04_1117
Date Collected: 11/21/17 13:25
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:41	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:41	1
Sodium	**34.5**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:41	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:41	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:41	1
Zinc	**0.0096**	**J**	0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:22	1

Client Sample ID: BCC Area C PS-04_1117
Date Collected: 11/21/17 12:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-4
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	0.19	ug/L			11/28/17 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 18:04	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 18:04	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 18:04	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 18:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 18:04	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 18:04	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/28/17 18:04	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 18:04	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 18:04	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/28/17 18:04	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/28/17 18:04	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 18:04	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 18:04	1
Acetone	ND		25	2.7	ug/L			11/28/17 18:04	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 18:04	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 18:04	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 18:04	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 18:04	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 18:04	1
Chlorobenzene	ND		1.0	0.18	ug/L			11/28/17 18:04	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 18:04	1
Chloroethane	ND	*	1.0	0.36	ug/L			11/28/17 18:04	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 18:04	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 18:04	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 18:04	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 18:04	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 18:04	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/28/17 18:04	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 18:04	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 18:04	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 18:04	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 18:04	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 18:04	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 18:04	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 18:04	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 18:04	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 18:04	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 18:04	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 18:04	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 18:04	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			11/28/17 18:04	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 18:04	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 18:04	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 18:04	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 18:04	1

Client Sample ID: BCC Area C PS-04_1117

Lab Sample ID: 480-127895-4

Date Collected: 11/21/17 12:20

Matrix: Ground Water

Date Received: 11/21/17 17:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*11/28/17 18:04*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/28/17 18:04*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/28/17 18:04*	*1*
Dibromofluoromethane (Surr)	*116*		*70 - 130*		*11/28/17 18:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 21:33	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 21:33	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 21:33	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 21:33	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 21:33	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 21:33	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:33	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 21:33	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/22/17 07:38	11/24/17 21:33	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/22/17 07:38	11/24/17 21:33	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:33	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 21:33	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 21:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:33	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 21:33	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 21:33	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 21:33	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 21:33	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 21:33	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 21:33	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 21:33	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 21:33	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 21:33	1
Acenaphthene	ND		5.0	0.41	ug/L		11/22/17 07:38	11/24/17 21:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 21:33	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 21:33	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 21:33	1
Anthracene	ND		5.0	0.28	ug/L		11/22/17 07:38	11/24/17 21:33	1
Atrazine	ND	*	5.0	0.46	ug/L		11/22/17 07:38	11/24/17 21:33	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 21:33	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 21:33	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 21:33	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 21:33	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 21:33	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 21:33	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 21:33	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 21:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 21:33	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:33	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 21:33	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 21:33	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 21:33	1
Carbazole	ND		5.0	0.30	ug/L		11/22/17 07:38	11/24/17 21:33	1

Client Sample ID: BCC Area C PS-04_1117
Date Collected: 11/21/17 12:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		11/22/17 07:38	11/24/17 21:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 21:33	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 21:33	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 21:33	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 21:33	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 21:33	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 21:33	1
Fluoranthene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 21:33	1
Fluorene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 21:33	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 21:33	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 21:33	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 21:33	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 21:33	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 21:33	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 21:33	1
Naphthalene	**1.5**	**J**	5.0	0.76	ug/L		11/22/17 07:38	11/24/17 21:33	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 21:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 21:33	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 21:33	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 21:33	1
Phenanthrene	ND		5.0	0.44	ug/L		11/22/17 07:38	11/24/17 21:33	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 21:33	1
Pyrene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*121*	*X*	*41 - 120*	*11/22/17 07:38*	*11/24/17 21:33*	*1*
2-Fluorobiphenyl	*100*		*48 - 120*	*11/22/17 07:38*	*11/24/17 21:33*	*1*
2-Fluorophenol	*70*		*35 - 120*	*11/22/17 07:38*	*11/24/17 21:33*	*1*
Nitrobenzene-d5	*100*		*46 - 120*	*11/22/17 07:38*	*11/24/17 21:33*	*1*
Phenol-d5	*52*		*22 - 120*	*11/22/17 07:38*	*11/24/17 21:33*	*1*
p-Terphenyl-d14	*83*		*59 - 136*	*11/22/17 07:38*	*11/24/17 21:33*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.077**	**J**	0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:44	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:44	1
Arsenic	ND		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:44	1
Barium	**0.041**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:44	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:44	1
Cadmium	**0.0087**		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:44	1
Calcium	**216**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:44	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:44	1
Cobalt	**0.0047**		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:44	1
Copper	**0.040**		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:44	1
Iron	**0.16**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:44	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:44	1
Magnesium	**30.6**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:44	1
Manganese	**0.012**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:44	1
Nickel	**0.071**		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:44	1
Potassium	**8.8**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:44	1

Client Sample ID: BCC Area C PS-04_1117
Date Collected: 11/21/17 12:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:44	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:44	1
Sodium	**20.8**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:44	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:44	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:44	1
Zinc	**0.49**		0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:24	1

Client Sample ID: BCC Area C PS-05A_1117

Date Collected: 11/21/17 10:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-5

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	0.19	ug/L			11/30/17 06:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/30/17 06:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/30/17 06:39	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/30/17 06:39	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/30/17 06:39	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/30/17 06:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/30/17 06:39	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/30/17 06:39	1
1,2-Dichlorobenzene	**3.6**		1.0	0.19	ug/L			11/30/17 06:39	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			11/30/17 06:39	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/30/17 06:39	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/30/17 06:39	1
1,4-Dichlorobenzene	**0.38**	**J**	1.0	0.17	ug/L			11/30/17 06:39	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/30/17 06:39	1
2-Hexanone	ND		10	1.3	ug/L			11/30/17 06:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/30/17 06:39	1
Acetone	**3.0**	**J**	25	2.7	ug/L			11/30/17 06:39	1
Benzene	ND		1.0	0.20	ug/L			11/30/17 06:39	1
Bromoform	ND		1.0	0.29	ug/L			11/30/17 06:39	1
Bromomethane	ND		1.0	0.35	ug/L			11/30/17 06:39	1
Carbon disulfide	ND	*	1.0	0.22	ug/L			11/30/17 06:39	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/30/17 06:39	1
Chlorobenzene	**140**		1.0	0.18	ug/L			11/30/17 06:39	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/30/17 06:39	1
Chloroethane	ND		1.0	0.36	ug/L			11/30/17 06:39	1
Chloroform	ND		1.0	0.23	ug/L			11/30/17 06:39	1
Chloromethane	ND		1.0	0.36	ug/L			11/30/17 06:39	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/30/17 06:39	1
Cyclohexane	ND		5.0	0.13	ug/L			11/30/17 06:39	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/30/17 06:39	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/30/17 06:39	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/30/17 06:39	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/30/17 06:39	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/30/17 06:39	1
Methyl acetate	ND		10	0.58	ug/L			11/30/17 06:39	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/30/17 06:39	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/30/17 06:39	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/30/17 06:39	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/30/17 06:39	1
Toluene	ND		1.0	0.17	ug/L			11/30/17 06:39	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/30/17 06:39	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/30/17 06:39	1
Trichloroethene	ND		1.0	0.20	ug/L			11/30/17 06:39	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			11/30/17 06:39	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/30/17 06:39	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/30/17 06:39	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/30/17 06:39	1
Styrene	ND		1.0	0.28	ug/L			11/30/17 06:39	1

Client Sample ID: BCC Area C PS-05A_1117
Date Collected: 11/21/17 10:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-5
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*11/30/17 06:39*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*11/30/17 06:39*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/30/17 06:39*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*11/30/17 06:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 22:02	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 22:02	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 22:02	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 22:02	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 22:02	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 22:02	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:02	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 22:02	1
2-Chlorophenol	**1.4**	**J**	5.0	0.53	ug/L		11/22/17 07:38	11/24/17 22:02	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/22/17 07:38	11/24/17 22:02	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:02	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 22:02	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 22:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:02	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 22:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 22:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 22:02	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 22:02	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 22:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 22:02	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 22:02	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 22:02	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 22:02	1
Acenaphthene	ND		5.0	0.41	ug/L		11/22/17 07:38	11/24/17 22:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 22:02	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 22:02	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 22:02	1
Anthracene	ND		5.0	0.28	ug/L		11/22/17 07:38	11/24/17 22:02	1
Atrazine	ND	*	5.0	0.46	ug/L		11/22/17 07:38	11/24/17 22:02	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 22:02	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 22:02	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 22:02	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 22:02	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 22:02	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 22:02	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 22:02	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 22:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 22:02	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:02	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 22:02	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 22:02	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 22:02	1
Carbazole	ND		5.0	0.30	ug/L		11/22/17 07:38	11/24/17 22:02	1

Client Sample ID: BCC Area C PS-05A_1117
Date Collected: 11/21/17 10:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		11/22/17 07:38	11/24/17 22:02	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 22:02	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 22:02	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 22:02	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 22:02	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 22:02	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 22:02	1
Fluoranthene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:02	1
Fluorene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 22:02	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 22:02	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 22:02	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 22:02	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 22:02	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 22:02	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 22:02	1
Naphthalene	**1.1**	**J**	5.0	0.76	ug/L		11/22/17 07:38	11/24/17 22:02	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 22:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 22:02	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 22:02	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 22:02	1
Phenanthrene	ND		5.0	0.44	ug/L		11/22/17 07:38	11/24/17 22:02	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 22:02	1
Pyrene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*117*		*41 - 120*	*11/22/17 07:38*	*11/24/17 22:02*	*1*
2-Fluorobiphenyl	*94*		*48 - 120*	*11/22/17 07:38*	*11/24/17 22:02*	*1*
2-Fluorophenol	*63*		*35 - 120*	*11/22/17 07:38*	*11/24/17 22:02*	*1*
Nitrobenzene-d5	*91*		*46 - 120*	*11/22/17 07:38*	*11/24/17 22:02*	*1*
Phenol-d5	*48*		*22 - 120*	*11/22/17 07:38*	*11/24/17 22:02*	*1*
p-Terphenyl-d14	*78*		*59 - 136*	*11/22/17 07:38*	*11/24/17 22:02*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:48	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:48	1
Arsenic	**0.17**		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:48	1
Barium	**0.019**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:48	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:48	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:48	1
Calcium	**268**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:48	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:48	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:48	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:48	1
Iron	**29.2**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:48	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:48	1
Magnesium	**24.3**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:48	1
Manganese	**0.41**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:48	1
Nickel	ND		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:48	1
Potassium	**13.5**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:48	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C PS-05A_1117
Date Collected: 11/21/17 10:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:48	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:48	1
Sodium	**108**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:48	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:48	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:48	1
Zinc	**0.014**		0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:26	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C PS-06_1117
Date Collected: 11/21/17 11:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-6
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	0.19	ug/L			11/28/17 18:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 18:30	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 18:30	1
1,1-Dichloroethane	**1.1**		1.0	0.24	ug/L			11/28/17 18:30	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 18:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 18:30	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 18:30	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/28/17 18:30	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 18:30	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 18:30	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/28/17 18:30	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/28/17 18:30	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 18:30	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 18:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 18:30	1
Acetone	ND		25	2.7	ug/L			11/28/17 18:30	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 18:30	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 18:30	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 18:30	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 18:30	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 18:30	1
Chlorobenzene	ND		1.0	0.18	ug/L			11/28/17 18:30	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 18:30	1
Chloroethane	ND	*	1.0	0.36	ug/L			11/28/17 18:30	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 18:30	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 18:30	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 18:30	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 18:30	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 18:30	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/28/17 18:30	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 18:30	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 18:30	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 18:30	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 18:30	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 18:30	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 18:30	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 18:30	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 18:30	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 18:30	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 18:30	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 18:30	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 18:30	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			11/28/17 18:30	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 18:30	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 18:30	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 18:30	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 18:30	1

Client Sample ID: BCC Area C PS-06_1117

Date Collected: 11/21/17 11:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-6

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*11/28/17 18:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/28/17 18:30*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/28/17 18:30*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*11/28/17 18:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		11/22/17 09:29	11/25/17 05:15	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		11/22/17 09:29	11/25/17 05:15	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		11/22/17 09:29	11/25/17 05:15	5
2,4-Dinitrophenol	ND		50	11	ug/L		11/22/17 09:29	11/25/17 05:15	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		11/22/17 09:29	11/25/17 05:15	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
2-Chloronaphthalene	ND		25	2.3	ug/L		11/22/17 09:29	11/25/17 05:15	5
2-Chlorophenol	ND		25	2.7	ug/L		11/22/17 09:29	11/25/17 05:15	5
2-Methylnaphthalene	ND		25	3.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
2-Methylphenol	ND		25	2.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
2-Nitroaniline	ND		50	2.1	ug/L		11/22/17 09:29	11/25/17 05:15	5
2-Nitrophenol	ND		25	2.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
3-Nitroaniline	ND		50	2.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		11/22/17 09:29	11/25/17 05:15	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		11/22/17 09:29	11/25/17 05:15	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		11/22/17 09:29	11/25/17 05:15	5
4-Chloroaniline	ND		25	3.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
4-Methylphenol	ND		50	1.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
4-Nitroaniline	ND		50	1.3	ug/L		11/22/17 09:29	11/25/17 05:15	5
4-Nitrophenol	ND		50	7.6	ug/L		11/22/17 09:29	11/25/17 05:15	5
Acenaphthene	ND		25	2.1	ug/L		11/22/17 09:29	11/25/17 05:15	5
Acenaphthylene	ND		25	1.9	ug/L		11/22/17 09:29	11/25/17 05:15	5
Acetophenone	ND		25	2.7	ug/L		11/22/17 09:29	11/25/17 05:15	5
Aniline	ND		50	3.1	ug/L		11/22/17 09:29	11/25/17 05:15	5
Anthracene	ND		25	1.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
Atrazine	ND	*	25	2.3	ug/L		11/22/17 09:29	11/25/17 05:15	5
Benzaldehyde	ND		25	1.3	ug/L		11/22/17 09:29	11/25/17 05:15	5
Benzo(a)anthracene	ND		25	1.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
Benzo(a)pyrene	ND		25	2.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		11/22/17 09:29	11/25/17 05:15	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		11/22/17 09:29	11/25/17 05:15	5
Biphenyl	ND		25	3.3	ug/L		11/22/17 09:29	11/25/17 05:15	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		11/22/17 09:29	11/25/17 05:15	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		11/22/17 09:29	11/25/17 05:15	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
Caprolactam	ND		25	11	ug/L		11/22/17 09:29	11/25/17 05:15	5
Carbazole	ND		25	1.5	ug/L		11/22/17 09:29	11/25/17 05:15	5

Client Sample ID: BCC Area C PS-06_1117
Date Collected: 11/21/17 11:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		11/22/17 09:29	11/25/17 05:15	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		11/22/17 09:29	11/25/17 05:15	5
Dibenzofuran	ND		50	2.6	ug/L		11/22/17 09:29	11/25/17 05:15	5
Diethyl phthalate	ND		25	1.1	ug/L		11/22/17 09:29	11/25/17 05:15	5
Dimethyl phthalate	ND		25	1.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		11/22/17 09:29	11/25/17 05:15	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
Fluoranthene	ND		25	2.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
Fluorene	ND		25	1.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
Hexachlorobenzene	ND		25	2.6	ug/L		11/22/17 09:29	11/25/17 05:15	5
Hexachlorobutadiene	ND		25	3.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
Hexachloroethane	ND		25	3.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		11/22/17 09:29	11/25/17 05:15	5
Isophorone	ND		25	2.2	ug/L		11/22/17 09:29	11/25/17 05:15	5
Naphthalene	ND		25	3.8	ug/L		11/22/17 09:29	11/25/17 05:15	5
Nitrobenzene	ND		25	1.5	ug/L		11/22/17 09:29	11/25/17 05:15	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		11/22/17 09:29	11/25/17 05:15	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		11/22/17 09:29	11/25/17 05:15	5
Pentachlorophenol	ND		50	11	ug/L		11/22/17 09:29	11/25/17 05:15	5
Phenanthrene	ND		25	2.2	ug/L		11/22/17 09:29	11/25/17 05:15	5
Phenol	ND		25	2.0	ug/L		11/22/17 09:29	11/25/17 05:15	5
Pyrene	ND		25	1.7	ug/L		11/22/17 09:29	11/25/17 05:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*121*	*X*	*41 - 120*	*11/22/17 09:29*	*11/25/17 05:15*	*5*
2-Fluorobiphenyl	*102*		*48 - 120*	*11/22/17 09:29*	*11/25/17 05:15*	*5*
2-Fluorophenol	*71*		*35 - 120*	*11/22/17 09:29*	*11/25/17 05:15*	*5*
Nitrobenzene-d5	*96*		*46 - 120*	*11/22/17 09:29*	*11/25/17 05:15*	*5*
Phenol-d5	*52*		*22 - 120*	*11/22/17 09:29*	*11/25/17 05:15*	*5*
p-Terphenyl-d14	*101*		*59 - 136*	*11/22/17 09:29*	*11/25/17 05:15*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.38**	**J**	0.40	0.12	mg/L		11/22/17 09:17	11/30/17 09:46	2
Antimony	ND		0.040	0.014	mg/L		11/22/17 09:17	11/30/17 09:46	2
Arsenic	**0.088**		0.030	0.011	mg/L		11/22/17 09:17	11/30/17 09:46	2
Barium	**0.012**		0.0040	0.0014	mg/L		11/22/17 09:17	11/30/17 09:46	2
Beryllium	ND		0.0040	0.00060	mg/L		11/22/17 09:17	11/30/17 09:46	2
Cadmium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/30/17 09:46	2
Calcium	**216**		1.0	0.20	mg/L		11/22/17 09:17	11/30/17 09:46	2
Chromium	ND	^	0.0080	0.0020	mg/L		11/22/17 09:17	11/30/17 09:46	2
Cobalt	ND		0.0080	0.0013	mg/L		11/22/17 09:17	11/30/17 09:46	2
Copper	**0.0034**	**J**	0.020	0.0032	mg/L		11/22/17 09:17	11/30/17 09:46	2
Iron	**44.5**	**^**	0.10	0.039	mg/L		11/22/17 09:17	11/30/17 09:46	2
Lead	ND		0.020	0.0060	mg/L		11/22/17 09:17	11/30/17 09:46	2
Magnesium	**10.2**		0.40	0.087	mg/L		11/22/17 09:17	11/30/17 09:46	2
Manganese	**0.20**	**B**	0.0060	0.00080	mg/L		11/22/17 09:17	11/30/17 09:46	2
Nickel	ND		0.020	0.0025	mg/L		11/22/17 09:17	11/30/17 09:46	2
Potassium	**71.4**		1.0	0.20	mg/L		11/22/17 09:17	11/30/17 09:46	2

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C PS-06_1117
Date Collected: 11/21/17 11:30
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.050	0.017	mg/L		11/22/17 09:17	11/30/17 09:46	2
Silver	ND		0.012	0.0034	mg/L		11/22/17 09:17	11/30/17 09:46	2
Sodium	**69.7**		2.0	0.65	mg/L		11/22/17 09:17	11/30/17 09:46	2
Thallium	ND		0.040	0.020	mg/L		11/22/17 09:17	11/30/17 09:46	2
Vanadium	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/30/17 09:46	2
Zinc	**0.027**		0.020	0.0030	mg/L		11/22/17 09:17	11/30/17 09:46	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:28	1

Client Sample ID: BCC Area C RFI-20 D_1117
Date Collected: 11/21/17 08:45
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-7
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	0.19	ug/L			11/28/17 18:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 18:56	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 18:56	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 18:56	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 18:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 18:56	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 18:56	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/28/17 18:56	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 18:56	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 18:56	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/28/17 18:56	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/28/17 18:56	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 18:56	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 18:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 18:56	1
Acetone	ND		25	2.7	ug/L			11/28/17 18:56	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 18:56	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 18:56	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 18:56	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 18:56	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 18:56	1
Chlorobenzene	**12**		1.0	0.18	ug/L			11/28/17 18:56	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 18:56	1
Chloroethane	ND	*	1.0	0.36	ug/L			11/28/17 18:56	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 18:56	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 18:56	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 18:56	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 18:56	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 18:56	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/28/17 18:56	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 18:56	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 18:56	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 18:56	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 18:56	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 18:56	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 18:56	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 18:56	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 18:56	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 18:56	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 18:56	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 18:56	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 18:56	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			11/28/17 18:56	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 18:56	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 18:56	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 18:56	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 18:56	1

Client Sample ID: BCC Area C RFI-20 D_1117

Date Collected: 11/21/17 08:45
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-7

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*		*11/28/17 18:56*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/28/17 18:56*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/28/17 18:56*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*11/28/17 18:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 22:31	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 22:31	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 22:31	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 22:31	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 22:31	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 22:31	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:31	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 22:31	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/22/17 07:38	11/24/17 22:31	1
2-Methylnaphthalene	**0.64**	**J**	5.0	0.60	ug/L		11/22/17 07:38	11/24/17 22:31	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:31	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 22:31	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 22:31	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:31	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 22:31	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 22:31	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 22:31	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 22:31	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 22:31	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 22:31	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 22:31	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 22:31	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 22:31	1
Acenaphthene	ND		5.0	0.41	ug/L		11/22/17 07:38	11/24/17 22:31	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 22:31	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 22:31	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 22:31	1
Anthracene	ND		5.0	0.28	ug/L		11/22/17 07:38	11/24/17 22:31	1
Atrazine	ND	*	5.0	0.46	ug/L		11/22/17 07:38	11/24/17 22:31	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 22:31	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 22:31	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 22:31	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 22:31	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 22:31	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 22:31	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 22:31	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 22:31	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 22:31	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:31	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 22:31	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 22:31	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 22:31	1
Carbazole	ND		5.0	0.30	ug/L		11/22/17 07:38	11/24/17 22:31	1

Client Sample ID: BCC Area C RFI-20 D_1117
Date Collected: 11/21/17 08:45
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		11/22/17 07:38	11/24/17 22:31	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 22:31	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 22:31	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 22:31	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 22:31	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 22:31	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 22:31	1
Fluoranthene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 22:31	1
Fluorene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 22:31	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 22:31	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 22:31	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 22:31	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 22:31	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 22:31	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 22:31	1
Naphthalene	**3.3**	**J**	5.0	0.76	ug/L		11/22/17 07:38	11/24/17 22:31	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 22:31	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 22:31	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 22:31	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 22:31	1
Phenanthrene	ND		5.0	0.44	ug/L		11/22/17 07:38	11/24/17 22:31	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 22:31	1
Pyrene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*115*		*41 - 120*	*11/22/17 07:38*	*11/24/17 22:31*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*11/22/17 07:38*	*11/24/17 22:31*	*1*
2-Fluorophenol	*68*		*35 - 120*	*11/22/17 07:38*	*11/24/17 22:31*	*1*
Nitrobenzene-d5	*93*		*46 - 120*	*11/22/17 07:38*	*11/24/17 22:31*	*1*
Phenol-d5	*50*		*22 - 120*	*11/22/17 07:38*	*11/24/17 22:31*	*1*
p-Terphenyl-d14	*75*		*59 - 136*	*11/22/17 07:38*	*11/24/17 22:31*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:55	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:55	1
Arsenic	**0.012**	**J**	0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:55	1
Barium	**0.058**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:55	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:55	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:55	1
Calcium	**212**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:55	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:55	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:55	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:55	1
Iron	**13.4**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:55	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:55	1
Magnesium	**20.9**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:55	1
Manganese	**0.48**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:55	1
Nickel	**0.0090**	**J**	0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:55	1
Potassium	**8.2**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:55	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C RFI-20 D_1117
Date Collected: 11/21/17 08:45
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:55	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:55	1
Sodium	**36.5**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:55	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:55	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:55	1
Zinc	**0.0037**	**J**	0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:29	1

Client Sample ID: BCC Area C RFI-31_1117

Date Collected: 11/21/17 14:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-8

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	0.19	ug/L			11/28/17 20:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 20:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 20:41	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 20:41	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 20:41	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 20:41	1
1,2,4-Trichlorobenzene	**450**		10	2.0	ug/L			11/30/17 08:46	10
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 20:41	1
1,2-Dichlorobenzene	**33**		1.0	0.19	ug/L			11/28/17 20:41	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 20:41	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 20:41	1
1,3-Dichlorobenzene	**420**		10	1.8	ug/L			11/30/17 08:46	10
1,4-Dichlorobenzene	**55**		1.0	0.17	ug/L			11/28/17 20:41	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 20:41	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 20:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 20:41	1
Acetone	ND		25	2.7	ug/L			11/28/17 20:41	1
Benzene	**1.8**		1.0	0.20	ug/L			11/28/17 20:41	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 20:41	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 20:41	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 20:41	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 20:41	1
Chlorobenzene	**150**		1.0	0.18	ug/L			11/28/17 20:41	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 20:41	1
Chloroethane	ND	*	1.0	0.36	ug/L			11/28/17 20:41	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 20:41	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 20:41	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 20:41	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 20:41	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 20:41	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/28/17 20:41	1
Ethylbenzene	**0.33**	**J**	1.0	0.19	ug/L			11/28/17 20:41	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 20:41	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 20:41	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 20:41	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 20:41	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 20:41	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 20:41	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 20:41	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 20:41	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 20:41	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 20:41	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 20:41	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			11/28/17 20:41	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 20:41	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 20:41	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 20:41	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 20:41	1

Client Sample ID: BCC Area C RFI-31_1117

Date Collected: 11/21/17 14:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-8

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*11/28/17 20:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*11/30/17 08:46*	*10*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*11/28/17 20:41*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/30/17 08:46*	*10*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/28/17 20:41*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/30/17 08:46*	*10*
Dibromofluoromethane (Surr)	*116*		*70 - 130*		*11/28/17 20:41*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*11/30/17 08:46*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	**0.71**	**J**	5.0	0.48	ug/L		11/22/17 07:38	11/24/17 23:00	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 23:00	1
2,4-Dichlorophenol	**1.2**	**J**	5.0	0.51	ug/L		11/22/17 07:38	11/24/17 23:00	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 23:00	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 23:00	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 23:00	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 23:00	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 23:00	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/22/17 07:38	11/24/17 23:00	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/22/17 07:38	11/24/17 23:00	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 23:00	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 23:00	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 23:00	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 23:00	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 23:00	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 23:00	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 23:00	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 23:00	1
4-Chloroaniline	**1.3**	**J**	5.0	0.59	ug/L		11/22/17 07:38	11/24/17 23:00	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 23:00	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 23:00	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 23:00	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 23:00	1
Acenaphthene	ND		5.0	0.41	ug/L		11/22/17 07:38	11/24/17 23:00	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 23:00	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 23:00	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 23:00	1
Anthracene	ND		5.0	0.28	ug/L		11/22/17 07:38	11/24/17 23:00	1
Atrazine	ND	*	5.0	0.46	ug/L		11/22/17 07:38	11/24/17 23:00	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 23:00	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 23:00	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 23:00	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 23:00	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 23:00	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 23:00	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 23:00	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 23:00	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 23:00	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 23:00	1

Client Sample ID: BCC Area C RFI-31_1117
Date Collected: 11/21/17 14:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 23:00	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 23:00	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 23:00	1
Carbazole	ND		5.0	0.30	ug/L		11/22/17 07:38	11/24/17 23:00	1
Chrysene	ND		5.0	0.33	ug/L		11/22/17 07:38	11/24/17 23:00	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 23:00	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 23:00	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 23:00	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 23:00	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 23:00	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 23:00	1
Fluoranthene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 23:00	1
Fluorene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 23:00	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 23:00	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 23:00	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 23:00	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 23:00	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 23:00	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 23:00	1
Naphthalene	ND		5.0	0.76	ug/L		11/22/17 07:38	11/24/17 23:00	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 23:00	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 23:00	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 23:00	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 23:00	1
Phenanthrene	ND		5.0	0.44	ug/L		11/22/17 07:38	11/24/17 23:00	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 23:00	1
Pyrene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*126*	*X*	*41 - 120*	*11/22/17 07:38*	*11/24/17 23:00*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*11/22/17 07:38*	*11/24/17 23:00*	*1*
2-Fluorophenol	*63*		*35 - 120*	*11/22/17 07:38*	*11/24/17 23:00*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*11/22/17 07:38*	*11/24/17 23:00*	*1*
Phenol-d5	*49*		*22 - 120*	*11/22/17 07:38*	*11/24/17 23:00*	*1*
p-Terphenyl-d14	*77*		*59 - 136*	*11/22/17 07:38*	*11/24/17 23:00*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:59	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:59	1
Arsenic	**0.024**		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:59	1
Barium	**0.023**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:59	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:59	1
Cadmium	**0.00054**	**J**	0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:59	1
Calcium	**445**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:59	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:59	1
Cobalt	**0.0040**		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:59	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:59	1
Iron	**6.9**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:59	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:59	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C RFI-31_1117
Date Collected: 11/21/17 14:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**161**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:59	1
Manganese	**1.5**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:59	1
Nickel	**0.0043**	**J**	0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:59	1
Potassium	**12.4**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:59	1
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:59	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:59	1
Sodium	**2150**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:59	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:59	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:59	1
Zinc	**0.0097**	**J**	0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00032**		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:31	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: TRIP BLANK_1117
Date Collected: 11/21/17 00:00
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-9
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	0.19	ug/L			11/28/17 16:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 16:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 16:19	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 16:19	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 16:19	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 16:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 16:19	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 16:19	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/28/17 16:19	1
1,2-Dichloroethane	ND	*	1.0	0.20	ug/L			11/28/17 16:19	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 16:19	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/28/17 16:19	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/28/17 16:19	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 16:19	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 16:19	1
Acetone	ND		25	2.7	ug/L			11/28/17 16:19	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 16:19	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 16:19	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 16:19	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 16:19	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 16:19	1
Chlorobenzene	ND		1.0	0.18	ug/L			11/28/17 16:19	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 16:19	1
Chloroethane	ND	*	1.0	0.36	ug/L			11/28/17 16:19	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 16:19	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 16:19	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 16:19	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 16:19	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 16:19	1
Dichlorodifluoromethane	ND	*	1.0	0.17	ug/L			11/28/17 16:19	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 16:19	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 16:19	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 16:19	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 16:19	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 16:19	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 16:19	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 16:19	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 16:19	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 16:19	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 16:19	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 16:19	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 16:19	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			11/28/17 16:19	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 16:19	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 16:19	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 16:19	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 16:19	1

Client Sample Results

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: TRIP BLANK_1117
Date Collected: 11/21/17 00:00
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		11/28/17 16:19	1
4-Bromofluorobenzene (Surr)	102		70 - 130		11/28/17 16:19	1
Toluene-d8 (Surr)	99		70 - 130		11/28/17 16:19	1
Dibromofluoromethane (Surr)	111		70 - 130		11/28/17 16:19	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C RFI-20F_1117
Date Collected: 11/21/17 09:20
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-10
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 15:13	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 15:13	1
Arsenic	**0.0084**	**J**	0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 15:13	1
Barium	**0.054**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 15:13	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 15:13	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 15:13	1
Calcium	**216**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:13	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 15:13	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 15:13	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 15:13	1
Iron	**8.4**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 15:13	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 15:13	1
Magnesium	**21.5**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 15:13	1
Manganese	**0.49**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 15:13	1
Nickel	**0.0084**	**J**	0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 15:13	1
Potassium	**8.3**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:13	1
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 15:13	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 15:13	1
Sodium	**37.8**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 15:13	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 15:13	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 15:13	1
Zinc	**0.0029**	**J**	0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 15:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:33	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C PS-05AF_1117
Date Collected: 11/21/17 10:45
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-11
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 15:17	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 15:17	1
Arsenic	**0.18**		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 15:17	1
Barium	**0.018**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 15:17	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 15:17	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 15:17	1
Calcium	**267**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:17	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 15:17	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 15:17	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 15:17	1
Iron	**29.6**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 15:17	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 15:17	1
Magnesium	**23.9**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 15:17	1
Manganese	**0.41**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 15:17	1
Nickel	ND		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 15:17	1
Potassium	**13.6**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:17	1
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 15:17	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 15:17	1
Sodium	**110**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 15:17	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 15:17	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 15:17	1
Zinc	**0.010**		0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 15:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:35	1

Client Sample ID: BCC Area C MW-C04F_1117

Lab Sample ID: 480-127895-12

Date Collected: 11/21/17 13:35

Matrix: Water

Date Received: 11/21/17 17:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 15:21	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 15:21	1
Arsenic	ND		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 15:21	1
Barium	**0.43**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 15:21	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 15:21	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 15:21	1
Calcium	**232**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:21	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 15:21	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 15:21	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 15:21	1
Iron	**2.9**		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 15:21	1
Lead	**0.0033**	**J**	0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 15:21	1
Magnesium	**31.1**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 15:21	1
Manganese	**0.98**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 15:21	1
Nickel	ND		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 15:21	1
Potassium	**8.7**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:21	1
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 15:21	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 15:21	1
Sodium	**34.5**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 15:21	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 15:21	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 15:21	1
Zinc	**0.0075**	**J**	0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 15:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:40	1

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C MW-C01F_1117
Date Collected: 11/21/17 15:15
Date Received: 11/21/17 17:00

Lab Sample ID: 480-127895-13
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 15:24	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 15:24	1
Arsenic	ND		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 15:24	1
Barium	**0.064**		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 15:24	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 15:24	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 15:24	1
Calcium	**47.7**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:24	1
Chromium	**0.0013**	**J**	0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 15:24	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 15:24	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 15:24	1
Iron	ND		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 15:24	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 15:24	1
Magnesium	**5.5**		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 15:24	1
Manganese	**0.011**	**B**	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 15:24	1
Nickel	ND		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 15:24	1
Potassium	**6.6**		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 15:24	1
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 15:24	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 15:24	1
Sodium	**170**		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 15:24	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 15:24	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 15:24	1
Zinc	**0.0090**	**J**	0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 15:24	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 16:42	1

Surrogate Summary

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

TestAmerica Job ID: 480-127895-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
480-127895-1	BCC Area C RFI-20_1117	113	101	97	113
480-127895-1 MS	BCC Area C RFI-20 MS_1117	113	90	97	116
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	107	89	95	113
480-127895-2	BCC Area C MW-C01_1117	112	101	99	114
480-127895-3	BCC Area C MW-C04_1117	111	94	96	112
480-127895-4	BCC Area C PS-04_1117	113	103	97	116
480-127895-5	BCC Area C PS-05A_1117	109	104	102	112
480-127895-6	BCC Area C PS-06_1117	113	99	97	111
480-127895-7	BCC Area C RFI-20 D_1117	117	99	98	114
480-127895-8	BCC Area C RFI-31_1117	116	90	96	116
480-127895-8	BCC Area C RFI-31_1117	109	102	103	112

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
480-127895-9	TRIP BLANK_1117	112	102	99	111
LCS 490-479196/3	Lab Control Sample	110	90	99	111
LCS 490-479705/3	Lab Control Sample	111	103	103	104
LCSD 490-479196/4	Lab Control Sample Dup	109	91	97	108
LCSD 490-479705/4	Lab Control Sample Dup	112	103	104	107
MB 490-479196/6	Method Blank	110	100	97	114
MB 490-479705/6	Method Blank	107	105	104	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: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-127895-1	BCC Area C RFI-20_1117	113	95	67	95	50	79
480-127895-1 MS	BCC Area C RFI-20 MS_1117	121 X	95	69	93	53	65
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	128 X	94	70	93	56	66
480-127895-2	BCC Area C MW-C01_1117	125 X	101	71	102	53	82
480-127895-3	BCC Area C MW-C04_1117	127 X	99	69	97	53	70
480-127895-4	BCC Area C PS-04_1117	121 X	100	70	100	52	83

Surrogate Summary

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

TestAmerica Job ID: 480-127895-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-127895-5	BCC Area C PS-05A_1117	117	94	63	91	48	78
480-127895-6	BCC Area C PS-06_1117	121 X	102	71	96	52	101
480-127895-7	BCC Area C RFI-20 D_1117	115	95	68	93	50	75
480-127895-8	BCC Area C RFI-31_1117	126 X	88	63	85	49	77

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
LCS 480-388728/2-A	Lab Control Sample	124 X	97	77	94	61	106
MB 480-388728/1-A	Method Blank	67	85	64	85	50	102

Surrogate Legend

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

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

Lab Sample ID: MB 490-479196/6
Matrix: Water
Analysis Batch: 479196

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	0.19	ug/L			11/28/17 12:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/28/17 12:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/28/17 12:23	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/28/17 12:23	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/28/17 12:23	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/28/17 12:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/28/17 12:23	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/28/17 12:23	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/28/17 12:23	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			11/28/17 12:23	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/28/17 12:23	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/28/17 12:23	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/28/17 12:23	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/28/17 12:23	1
2-Hexanone	ND		10	1.3	ug/L			11/28/17 12:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/28/17 12:23	1
Acetone	ND		25	2.7	ug/L			11/28/17 12:23	1
Benzene	ND		1.0	0.20	ug/L			11/28/17 12:23	1
Bromoform	ND		1.0	0.29	ug/L			11/28/17 12:23	1
Bromomethane	ND		1.0	0.35	ug/L			11/28/17 12:23	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/28/17 12:23	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/28/17 12:23	1
Chlorobenzene	ND		1.0	0.18	ug/L			11/28/17 12:23	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/28/17 12:23	1
Chloroethane	ND		1.0	0.36	ug/L			11/28/17 12:23	1
Chloroform	ND		1.0	0.23	ug/L			11/28/17 12:23	1
Chloromethane	ND		1.0	0.36	ug/L			11/28/17 12:23	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/28/17 12:23	1
Cyclohexane	ND		5.0	0.13	ug/L			11/28/17 12:23	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/28/17 12:23	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			11/28/17 12:23	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/28/17 12:23	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/28/17 12:23	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/28/17 12:23	1
Methyl acetate	ND		10	0.58	ug/L			11/28/17 12:23	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/28/17 12:23	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/28/17 12:23	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/28/17 12:23	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/28/17 12:23	1
Toluene	ND		1.0	0.17	ug/L			11/28/17 12:23	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/28/17 12:23	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 12:23	1
Trichloroethene	ND		1.0	0.20	ug/L			11/28/17 12:23	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			11/28/17 12:23	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/28/17 12:23	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/28/17 12:23	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/28/17 12:23	1
Styrene	ND		1.0	0.28	ug/L			11/28/17 12:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*11/28/17 12:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/28/17 12:23*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/28/17 12:23*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*11/28/17 12:23*	*1*

Lab Sample ID: LCS 490-479196/3
Matrix: Water
Analysis Batch: 479196

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	20.0	23.3		ug/L		117	78 - 135
1,1,2,2-Tetrachloroethane	20.0	20.4		ug/L		102	69 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.7		ug/L		119	77 - 129
1,1,2-Trichloroethane	20.0	21.5		ug/L		107	80 - 124
1,1-Dichloroethane	20.0	23.3		ug/L		116	78 - 125
1,1-Dichloroethene	20.0	20.2		ug/L		101	79 - 124
1,2,4-Trichlorobenzene	20.0	15.8		ug/L		79	63 - 133
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/L		86	54 - 125
1,2-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 121
1,2-Dichloroethane	20.0	25.4	*	ug/L		127	77 - 121
1,2-Dichloropropane	20.0	21.8		ug/L		109	75 - 120
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 122
1,4-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120
2-Butanone (MEK)	100	109		ug/L		109	62 - 133
2-Hexanone	100	88.7		ug/L		89	60 - 142
4-Methyl-2-pentanone (MIBK)	100	90.6		ug/L		91	60 - 137
Acetone	100	104		ug/L		104	54 - 145
Benzene	20.0	21.8		ug/L		109	80 - 121
Bromoform	20.0	18.8		ug/L		94	46 - 145
Bromomethane	20.0	25.3		ug/L		127	41 - 150
Carbon disulfide	20.0	21.1		ug/L		106	77 - 126
Carbon tetrachloride	20.0	22.9		ug/L		115	64 - 147
Chlorobenzene	20.0	21.3		ug/L		107	80 - 120
Dibromochloromethane	20.0	20.5		ug/L		102	69 - 133
Chloroethane	20.0	22.4		ug/L		112	72 - 120
Chloroform	20.0	23.8		ug/L		119	73 - 129
Chloromethane	20.0	20.9		ug/L		105	12 - 150
cis-1,2-Dichloroethene	20.0	21.6		ug/L		108	76 - 125
Cyclohexane	20.0	20.3		ug/L		102	73 - 122
Bromodichloromethane	20.0	23.8		ug/L		119	75 - 129
Dichlorodifluoromethane	20.0	28.6	*	ug/L		143	37 - 127
Ethylbenzene	20.0	20.3		ug/L		102	80 - 130
1,2-Dibromoethane	20.0	21.5		ug/L		107	80 - 129
Isopropylbenzene	20.0	18.8		ug/L		94	80 - 141
Methyl acetate	40.0	48.4		ug/L		121	64 - 150
Methyl tert-butyl ether	20.0	22.5		ug/L		113	72 - 133
Methylcyclohexane	20.0	22.4		ug/L		112	71 - 129
Methylene Chloride	20.0	24.3		ug/L		122	79 - 123
Tetrachloroethene	20.0	19.1		ug/L		96	80 - 126
Toluene	20.0	20.4		ug/L		102	80 - 126
trans-1,2-Dichloroethene	20.0	23.1		ug/L		116	79 - 126
trans-1,3-Dichloropropene	20.0	20.8		ug/L		104	63 - 134
Trichloroethene	20.0	22.2		ug/L		111	80 - 123

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

Lab Sample ID: LCS 490-479196/3
Matrix: Water
Analysis Batch: 479196

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	20.0	28.1	*	ug/L		141	65 - 124
Vinyl chloride	20.0	22.7		ug/L		113	68 - 120
Xylenes, Total	40.0	40.9		ug/L		102	80 - 132
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	74 - 140
Styrene	20.0	20.4		ug/L		102	80 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 490-479196/4
Matrix: Water
Analysis Batch: 479196

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	20.0	22.6		ug/L		113	78 - 135	3	15
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	69 - 131	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.4		ug/L		112	77 - 129	6	16
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	80 - 124	2	13
1,1-Dichloroethane	20.0	22.8		ug/L		114	78 - 125	2	17
1,1-Dichloroethene	20.0	21.4		ug/L		107	79 - 124	6	20
1,2,4-Trichlorobenzene	20.0	16.7		ug/L		83	63 - 133	5	15
1,2-Dibromo-3-Chloropropane	20.0	18.0		ug/L		90	54 - 125	5	19
1,2-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 121	1	12
1,2-Dichloroethane	20.0	25.2	*	ug/L		126	77 - 121	1	13
1,2-Dichloropropane	20.0	21.3		ug/L		106	75 - 120	2	15
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 122	0	13
1,4-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 120	0	12
2-Butanone (MEK)	100	99.7		ug/L		100	62 - 133	9	19
2-Hexanone	100	92.8		ug/L		93	60 - 142	5	17
4-Methyl-2-pentanone (MIBK)	100	92.7		ug/L		93	60 - 137	2	21
Acetone	100	106		ug/L		106	54 - 145	2	23
Benzene	20.0	20.9		ug/L		105	80 - 121	4	12
Bromoform	20.0	18.8		ug/L		94	46 - 145	0	14
Bromomethane	20.0	26.1		ug/L		130	41 - 150	3	19
Carbon disulfide	20.0	21.0		ug/L		105	77 - 126	1	16
Carbon tetrachloride	20.0	22.9		ug/L		114	64 - 147	0	16
Chlorobenzene	20.0	20.8		ug/L		104	80 - 120	3	12
Dibromochloromethane	20.0	19.8		ug/L		99	69 - 133	3	13
Chloroethane	20.0	24.2	*	ug/L		121	72 - 120	8	15
Chloroform	20.0	23.2		ug/L		116	73 - 129	3	14
Chloromethane	20.0	19.9		ug/L		100	12 - 150	5	20
cis-1,2-Dichloroethene	20.0	20.9		ug/L		105	76 - 125	3	15
Cyclohexane	20.0	20.2		ug/L		101	73 - 122	1	16
Bromodichloromethane	20.0	23.1		ug/L		116	75 - 129	3	14

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

Lab Sample ID: LCSD 490-479196/4
Matrix: Water
Analysis Batch: 479196

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
Dichlorodifluoromethane			20.0	27.0	*	ug/L		135	37 - 127	6	16
Ethylbenzene			20.0	19.6		ug/L		98	80 - 130	4	12
1,2-Dibromoethane			20.0	20.2		ug/L		101	80 - 129	6	13
Isopropylbenzene			20.0	18.6		ug/L		93	80 - 141	1	13
Methyl acetate			40.0	48.4		ug/L		121	64 - 150	0	18
Methyl tert-butyl ether			20.0	22.9		ug/L		114	72 - 133	1	16
Methylcyclohexane			20.0	21.2		ug/L		106	71 - 129	5	17
Methylene Chloride			20.0	23.6		ug/L		118	79 - 123	3	15
Tetrachloroethene			20.0	18.3		ug/L		91	80 - 126	5	17
Toluene			20.0	19.6		ug/L		98	80 - 126	4	13
trans-1,2-Dichloroethene			20.0	21.9		ug/L		110	79 - 126	5	15
trans-1,3-Dichloropropene			20.0	20.3		ug/L		102	63 - 134	2	13
Trichloroethene			20.0	20.9		ug/L		105	80 - 123	6	14
Trichlorofluoromethane			20.0	27.5	*	ug/L		137	65 - 124	2	22
Vinyl chloride			20.0	21.3		ug/L		107	68 - 120	6	15
Xylenes, Total			40.0	39.1		ug/L		98	80 - 132	5	11
cis-1,3-Dichloropropene			20.0	20.3		ug/L		101	74 - 140	1	15
Styrene			20.0	18.7		ug/L		93	80 - 127	9	12

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*

Lab Sample ID: 480-127895-1 MS
Matrix: Ground Water
Analysis Batch: 479196

Client Sample ID: BCC Area C RFI-20 MS_1117
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		20.0	27.0		ug/L		135	68 - 144
1,1,2,2-Tetrachloroethane	ND		20.0	22.1		ug/L		110	56 - 145
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.0	28.2		ug/L		141	63 - 150
1,1,2-Trichloroethane	ND		20.0	23.3		ug/L		116	70 - 130
1,1-Dichloroethane	ND		20.0	25.6		ug/L		128	61 - 139
1,1-Dichloroethene	ND		20.0	24.7		ug/L		124	54 - 150
1,2,4-Trichlorobenzene	ND		20.0	18.0		ug/L		90	47 - 147
1,2-Dibromo-3-Chloropropane	ND		20.0	19.0		ug/L		95	38 - 138
1,2-Dichlorobenzene	ND		20.0	23.0		ug/L		115	70 - 130
1,2-Dichloroethane	ND	*	20.0	26.8		ug/L		134	64 - 136
1,2-Dichloropropane	ND		20.0	23.7		ug/L		119	67 - 130
1,3-Dichlorobenzene	ND		20.0	22.8		ug/L		114	68 - 131
1,4-Dichlorobenzene	ND		20.0	23.8		ug/L		119	70 - 130
2-Butanone (MEK)	ND		100	117		ug/L		117	50 - 143
2-Hexanone	ND		100	102		ug/L		102	44 - 150
4-Methyl-2-pentanone (MIBK)	ND		100	101		ug/L		101	50 - 140
Acetone	ND		100	120		ug/L		120	39 - 150

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

Lab Sample ID: 480-127895-1 MS
Matrix: Ground Water
Analysis Batch: 479196

Client Sample ID: BCC Area C RFI-20 MS_1117
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		20.0	24.1		ug/L		121	55 - 147
Bromoform	ND		20.0	21.1		ug/L		105	53 - 150
Bromomethane	ND		20.0	25.5		ug/L		127	30 - 150
Carbon disulfide	ND		20.0	24.2		ug/L		121	35 - 150
Carbon tetrachloride	ND		20.0	26.9		ug/L		135	56 - 150
Chlorobenzene	12		20.0	34.6		ug/L		112	70 - 130
Dibromochloromethane	ND		20.0	22.2		ug/L		111	66 - 140
Chloroethane	ND	* F1	20.0	28.9	F1	ug/L		144	58 - 141
Chloroform	ND		20.0	26.5		ug/L		133	66 - 138
Chloromethane	ND		20.0	22.6		ug/L		113	10 - 150
cis-1,2-Dichloroethene	ND		20.0	24.2		ug/L		121	68 - 131
Cyclohexane	ND		20.0	24.2		ug/L		121	48 - 150
Bromodichloromethane	ND		20.0	26.4		ug/L		132	70 - 140
Dichlorodifluoromethane	ND	* F1	20.0	34.1	F1	ug/L		171	10 - 150
Ethylbenzene	ND		20.0	22.0		ug/L		110	65 - 139
1,2-Dibromoethane	ND		20.0	23.1		ug/L		115	65 - 137
Isopropylbenzene	ND		20.0	21.5		ug/L		108	70 - 137
Methyl acetate	ND	F1	40.0	54.8	F1	ug/L		137	42 - 136
Methyl tert-butyl ether	ND		20.0	24.1		ug/L		121	55 - 141
Methylcyclohexane	ND		20.0	26.0		ug/L		130	59 - 150
Methylene Chloride	ND		20.0	25.9		ug/L		129	64 - 130
Tetrachloroethene	ND		20.0	21.7		ug/L		108	57 - 138
Toluene	ND		20.0	21.9		ug/L		109	64 - 136
trans-1,2-Dichloroethene	ND		20.0	25.2		ug/L		126	59 - 143
trans-1,3-Dichloropropene	ND		20.0	22.6		ug/L		113	63 - 142
Trichloroethene	ND		20.0	25.0		ug/L		125	63 - 135
Trichlorofluoromethane	ND	* F1	20.0	34.3	F1	ug/L		172	44 - 150
Vinyl chloride	ND		20.0	27.2		ug/L		136	57 - 150
Xylenes, Total	ND		40.0	44.7		ug/L		112	69 - 132
cis-1,3-Dichloropropene	ND		20.0	21.7		ug/L		108	70 - 133
Styrene	ND		20.0	22.1		ug/L		111	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*116*		*70 - 130*

Lab Sample ID: 480-127895-1 MSD
Matrix: Ground Water
Analysis Batch: 479196

Client Sample ID: BCC Area C RFI-20 MSD_1117
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		20.0	26.1		ug/L		131	68 - 144	3	17
1,1,2,2-Tetrachloroethane	ND		20.0	21.4		ug/L		107	56 - 145	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.0	27.8		ug/L		139	63 - 150	1	18
1,1,2-Trichloroethane	ND		20.0	22.5		ug/L		112	70 - 130	3	15

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

Lab Sample ID: 480-127895-1 MSD
Matrix: Ground Water
Analysis Batch: 479196

Client Sample ID: BCC Area C RFI-20 MSD_1117
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		20.0	25.4		ug/L		127	61 - 139	1	17
1,1-Dichloroethene	ND		20.0	24.6		ug/L		123	54 - 150	1	17
1,2,4-Trichlorobenzene	ND		20.0	18.3		ug/L		91	47 - 147	2	19
1,2-Dibromo-3-Chloropropane	ND		20.0	19.0		ug/L		95	38 - 138	0	24
1,2-Dichlorobenzene	ND		20.0	22.4		ug/L		112	70 - 130	3	15
1,2-Dichloroethane	ND	*	20.0	26.4		ug/L		132	64 - 136	2	17
1,2-Dichloropropane	ND		20.0	23.8		ug/L		119	67 - 130	0	17
1,3-Dichlorobenzene	ND		20.0	22.2		ug/L		111	68 - 131	3	15
1,4-Dichlorobenzene	ND		20.0	23.2		ug/L		116	70 - 130	3	15
2-Butanone (MEK)	ND		100	118		ug/L		118	50 - 143	0	19
2-Hexanone	ND		100	101		ug/L		101	44 - 150	1	15
4-Methyl-2-pentanone (MIBK)	ND		100	102		ug/L		102	50 - 140	1	17
Acetone	ND		100	126		ug/L		126	39 - 150	4	21
Benzene	ND		20.0	23.7		ug/L		118	55 - 147	2	17
Bromoform	ND		20.0	20.8		ug/L		104	53 - 150	2	16
Bromomethane	ND		20.0	26.8		ug/L		134	30 - 150	5	50
Carbon disulfide	ND		20.0	24.4		ug/L		122	35 - 150	1	21
Carbon tetrachloride	ND		20.0	27.6		ug/L		138	56 - 150	2	19
Chlorobenzene	12		20.0	34.1		ug/L		110	70 - 130	1	14
Dibromochloromethane	ND		20.0	22.6		ug/L		113	66 - 140	1	15
Chloroethane	ND	* F1	20.0	27.4		ug/L		137	58 - 141	5	20
Chloroform	ND		20.0	26.9		ug/L		135	66 - 138	1	18
Chloromethane	ND		20.0	22.4		ug/L		112	10 - 150	1	31
cis-1,2-Dichloroethene	ND		20.0	24.4		ug/L		122	68 - 131	1	17
Cyclohexane	ND		20.0	24.5		ug/L		122	48 - 150	1	16
Bromodichloromethane	ND		20.0	25.9		ug/L		130	70 - 140	2	18
Dichlorodifluoromethane	ND	* F1	20.0	34.9	F1	ug/L		174	10 - 150	2	18
Ethylbenzene	ND		20.0	22.1		ug/L		110	65 - 139	0	15
1,2-Dibromoethane	ND		20.0	22.5		ug/L		112	65 - 137	3	15
Isopropylbenzene	ND		20.0	22.7		ug/L		113	70 - 137	5	16
Methyl acetate	ND	F1	40.0	55.7	F1	ug/L		139	42 - 136	2	31
Methyl tert-butyl ether	ND		20.0	24.7		ug/L		123	55 - 141	2	16
Methylcyclohexane	ND		20.0	26.1		ug/L		130	59 - 150	0	19
Methylene Chloride	ND		20.0	25.6		ug/L		128	64 - 130	1	17
Tetrachloroethene	ND		20.0	21.2		ug/L		106	57 - 138	2	16
Toluene	ND		20.0	21.7		ug/L		109	64 - 136	1	15
trans-1,2-Dichloroethene	ND		20.0	25.3		ug/L		127	59 - 143	0	16
trans-1,3-Dichloropropene	ND		20.0	22.1		ug/L		111	63 - 142	2	14
Trichloroethene	ND		20.0	24.6		ug/L		123	63 - 135	2	17
Trichlorofluoromethane	ND	* F1	20.0	34.3	F1	ug/L		171	44 - 150	0	18
Vinyl chloride	ND		20.0	27.1		ug/L		135	57 - 150	0	17
Xylenes, Total	ND		40.0	44.4		ug/L		111	69 - 132	1	15
cis-1,3-Dichloropropene	ND		20.0	22.0		ug/L		110	70 - 133	1	15
Styrene	ND		20.0	21.9		ug/L		109	70 - 130	1	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*

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

Lab Sample ID: 480-127895-1 MSD
Matrix: Ground Water
Analysis Batch: 479196

Client Sample ID: BCC Area C RFI-20 MSD_1117
Prep Type: Total/NA

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*113*		*70 - 130*

Lab Sample ID: MB 490-479705/6
Matrix: Water
Analysis Batch: 479705

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	0.19	ug/L			11/30/17 01:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/30/17 01:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			11/30/17 01:59	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			11/30/17 01:59	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/30/17 01:59	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			11/30/17 01:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			11/30/17 01:59	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			11/30/17 01:59	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			11/30/17 01:59	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			11/30/17 01:59	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			11/30/17 01:59	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			11/30/17 01:59	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			11/30/17 01:59	1
2-Butanone (MEK)	ND		50	2.6	ug/L			11/30/17 01:59	1
2-Hexanone	ND		10	1.3	ug/L			11/30/17 01:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			11/30/17 01:59	1
Acetone	ND		25	2.7	ug/L			11/30/17 01:59	1
Benzene	ND		1.0	0.20	ug/L			11/30/17 01:59	1
Bromoform	ND		1.0	0.29	ug/L			11/30/17 01:59	1
Bromomethane	ND		1.0	0.35	ug/L			11/30/17 01:59	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/30/17 01:59	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			11/30/17 01:59	1
Chlorobenzene	ND		1.0	0.18	ug/L			11/30/17 01:59	1
Dibromochloromethane	ND		1.0	0.25	ug/L			11/30/17 01:59	1
Chloroethane	ND		1.0	0.36	ug/L			11/30/17 01:59	1
Chloroform	ND		1.0	0.23	ug/L			11/30/17 01:59	1
Chloromethane	ND		1.0	0.36	ug/L			11/30/17 01:59	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			11/30/17 01:59	1
Cyclohexane	ND		5.0	0.13	ug/L			11/30/17 01:59	1
Bromodichloromethane	ND		1.0	0.17	ug/L			11/30/17 01:59	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			11/30/17 01:59	1
Ethylbenzene	ND		1.0	0.19	ug/L			11/30/17 01:59	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			11/30/17 01:59	1
Isopropylbenzene	ND		1.0	0.33	ug/L			11/30/17 01:59	1
Methyl acetate	ND		10	0.58	ug/L			11/30/17 01:59	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			11/30/17 01:59	1
Methylcyclohexane	ND		5.0	0.090	ug/L			11/30/17 01:59	1
Methylene Chloride	1.23	J	5.0	1.0	ug/L			11/30/17 01:59	1
Tetrachloroethene	ND		1.0	0.14	ug/L			11/30/17 01:59	1
Toluene	ND		1.0	0.17	ug/L			11/30/17 01:59	1

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

Lab Sample ID: MB 490-479705/6
Matrix: Water
Analysis Batch: 479705

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			11/30/17 01:59	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/30/17 01:59	1
Trichloroethene	ND		1.0	0.20	ug/L			11/30/17 01:59	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			11/30/17 01:59	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/30/17 01:59	1
Xylenes, Total	ND		3.0	0.58	ug/L			11/30/17 01:59	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			11/30/17 01:59	1
Styrene	ND		1.0	0.28	ug/L			11/30/17 01:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*11/30/17 01:59*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*11/30/17 01:59*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/30/17 01:59*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*11/30/17 01:59*	*1*

Lab Sample ID: LCS 490-479705/3
Matrix: Water
Analysis Batch: 479705

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	20.0	21.7		ug/L		108	78 - 135
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	69 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.9		ug/L		109	77 - 129
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	80 - 124
1,1-Dichloroethane	20.0	20.9		ug/L		104	78 - 125
1,1-Dichloroethene	20.0	19.8		ug/L		99	79 - 124
1,2,4-Trichlorobenzene	20.0	18.4		ug/L		92	63 - 133
1,2-Dibromo-3-Chloropropane	20.0	19.1		ug/L		95	54 - 125
1,2-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 121
1,2-Dichloroethane	20.0	21.9		ug/L		109	77 - 121
1,2-Dichloropropane	20.0	19.1		ug/L		95	75 - 120
1,3-Dichlorobenzene	20.0	20.5		ug/L		102	80 - 122
1,4-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 120
2-Butanone (MEK)	100	96.0		ug/L		96	62 - 133
2-Hexanone	100	90.0		ug/L		90	60 - 142
4-Methyl-2-pentanone (MIBK)	100	97.9		ug/L		98	60 - 137
Acetone	100	111		ug/L		111	54 - 145
Benzene	20.0	19.4		ug/L		97	80 - 121
Bromoform	20.0	19.9		ug/L		100	46 - 145
Bromomethane	20.0	17.7		ug/L		89	41 - 150
Carbon disulfide	20.0	14.0	*	ug/L		70	77 - 126
Carbon tetrachloride	20.0	22.2		ug/L		111	64 - 147
Chlorobenzene	20.0	20.2		ug/L		101	80 - 120
Dibromochloromethane	20.0	21.4		ug/L		107	69 - 133
Chloroethane	20.0	20.8		ug/L		104	72 - 120
Chloroform	20.0	22.6		ug/L		113	73 - 129
Chloromethane	20.0	22.1		ug/L		110	12 - 150

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

Lab Sample ID: LCS 490-479705/3
Matrix: Water
Analysis Batch: 479705

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	76 - 125
Cyclohexane	20.0	18.2		ug/L		91	73 - 122
Bromodichloromethane	20.0	20.8		ug/L		104	75 - 129
Dichlorodifluoromethane	20.0	26.7	*	ug/L		134	37 - 127
Ethylbenzene	20.0	19.4		ug/L		97	80 - 130
1,2-Dibromoethane	20.0	20.5		ug/L		102	80 - 129
Isopropylbenzene	20.0	18.8		ug/L		94	80 - 141
Methyl acetate	40.0	39.2		ug/L		98	64 - 150
Methyl tert-butyl ether	20.0	17.1		ug/L		86	72 - 133
Methylcyclohexane	20.0	17.9		ug/L		90	71 - 129
Methylene Chloride	20.0	20.5		ug/L		103	79 - 123
Tetrachloroethene	20.0	20.2		ug/L		101	80 - 126
Toluene	20.0	20.1		ug/L		100	80 - 126
trans-1,2-Dichloroethene	20.0	20.7		ug/L		103	79 - 126
trans-1,3-Dichloropropene	20.0	18.5		ug/L		93	63 - 134
Trichloroethene	20.0	20.3		ug/L		102	80 - 123
Trichlorofluoromethane	20.0	23.0		ug/L		115	65 - 124
Vinyl chloride	20.0	20.6		ug/L		103	68 - 120
Xylenes, Total	40.0	37.9		ug/L		95	80 - 132
cis-1,3-Dichloropropene	20.0	19.4		ug/L		97	74 - 140
Styrene	20.0	18.2		ug/L		91	80 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 490-479705/4
Matrix: Water
Analysis Batch: 479705

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	20.0	21.9		ug/L		110	78 - 135	1	15
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	69 - 131	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.8		ug/L		109	77 - 129	1	16
1,1,2-Trichloroethane	20.0	20.5		ug/L		102	80 - 124	0	13
1,1-Dichloroethane	20.0	21.3		ug/L		106	78 - 125	2	17
1,1-Dichloroethene	20.0	20.6		ug/L		103	79 - 124	4	20
1,2,4-Trichlorobenzene	20.0	18.8		ug/L		94	63 - 133	2	15
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/L		94	54 - 125	2	19
1,2-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 121	2	12
1,2-Dichloroethane	20.0	21.7		ug/L		109	77 - 121	1	13
1,2-Dichloropropane	20.0	19.0		ug/L		95	75 - 120	0	15
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 122	0	13
1,4-Dichlorobenzene	20.0	20.9		ug/L		105	80 - 120	1	12
2-Butanone (MEK)	100	92.9		ug/L		93	62 - 133	3	19

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

Lab Sample ID: LCSD 490-479705/4
Matrix: Water
Analysis Batch: 479705

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
2-Hexanone			100	89.3		ug/L		89	60 - 142	1	17
4-Methyl-2-pentanone (MIBK)			100	96.6		ug/L		97	60 - 137	1	21
Acetone			100	105		ug/L		105	54 - 145	5	23
Benzene			20.0	19.3		ug/L		97	80 - 121	0	12
Bromoform			20.0	19.2		ug/L		96	46 - 145	3	14
Bromomethane			20.0	18.3		ug/L		92	41 - 150	3	19
Carbon disulfide			20.0	15.5		ug/L		77	77 - 126	10	16
Carbon tetrachloride			20.0	22.5		ug/L		112	64 - 147	1	16
Chlorobenzene			20.0	20.5		ug/L		103	80 - 120	2	12
Dibromochloromethane			20.0	21.5		ug/L		107	69 - 133	0	13
Chloroethane			20.0	21.0		ug/L		105	72 - 120	1	15
Chloroform			20.0	21.6		ug/L		108	73 - 129	4	14
Chloromethane			20.0	21.9		ug/L		110	12 - 150	1	20
cis-1,2-Dichloroethene			20.0	20.8		ug/L		104	76 - 125	0	15
Cyclohexane			20.0	18.2		ug/L		91	73 - 122	0	16
Bromodichloromethane			20.0	20.7		ug/L		104	75 - 129	1	14
Dichlorodifluoromethane			20.0	27.1	*	ug/L		136	37 - 127	2	16
Ethylbenzene			20.0	19.6		ug/L		98	80 - 130	1	12
1,2-Dibromoethane			20.0	20.2		ug/L		101	80 - 129	1	13
Isopropylbenzene			20.0	19.1		ug/L		96	80 - 141	2	13
Methyl acetate			40.0	38.3		ug/L		96	64 - 150	2	18
Methyl tert-butyl ether			20.0	16.9		ug/L		85	72 - 133	1	16
Methylcyclohexane			20.0	18.4		ug/L		92	71 - 129	3	17
Methylene Chloride			20.0	20.7		ug/L		104	79 - 123	1	15
Tetrachloroethene			20.0	20.5		ug/L		102	80 - 126	1	17
Toluene			20.0	20.2		ug/L		101	80 - 126	1	13
trans-1,2-Dichloroethene			20.0	20.5		ug/L		102	79 - 126	1	15
trans-1,3-Dichloropropene			20.0	18.6		ug/L		93	63 - 134	1	13
Trichloroethene			20.0	20.2		ug/L		101	80 - 123	0	14
Trichlorofluoromethane			20.0	23.2		ug/L		116	65 - 124	1	22
Vinyl chloride			20.0	20.2		ug/L		101	68 - 120	2	15
Xylenes, Total			40.0	38.0		ug/L		95	80 - 132	0	11
cis-1,3-Dichloropropene			20.0	19.5		ug/L		97	74 - 140	0	15
Styrene			20.0	18.4		ug/L		92	80 - 127	1	12

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 480-388728/1-A
Matrix: Water
Analysis Batch: 389029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 388728

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 16:48	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/22/17 07:38	11/24/17 16:48	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 16:48	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/22/17 07:38	11/24/17 16:48	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 16:48	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 16:48	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 16:48	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 16:48	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/22/17 07:38	11/24/17 16:48	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/22/17 07:38	11/24/17 16:48	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 16:48	1
2-Nitroaniline	ND		10	0.42	ug/L		11/22/17 07:38	11/24/17 16:48	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/22/17 07:38	11/24/17 16:48	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 16:48	1
3-Nitroaniline	ND		10	0.48	ug/L		11/22/17 07:38	11/24/17 16:48	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 16:48	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 16:48	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/22/17 07:38	11/24/17 16:48	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 16:48	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 16:48	1
4-Methylphenol	ND		10	0.36	ug/L		11/22/17 07:38	11/24/17 16:48	1
4-Nitroaniline	ND		10	0.25	ug/L		11/22/17 07:38	11/24/17 16:48	1
4-Nitrophenol	ND		10	1.5	ug/L		11/22/17 07:38	11/24/17 16:48	1
Acenaphthene	ND		5.0	0.41	ug/L		11/22/17 07:38	11/24/17 16:48	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/22/17 07:38	11/24/17 16:48	1
Acetophenone	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 16:48	1
Aniline	ND		10	0.61	ug/L		11/22/17 07:38	11/24/17 16:48	1
Anthracene	ND		5.0	0.28	ug/L		11/22/17 07:38	11/24/17 16:48	1
Atrazine	ND		5.0	0.46	ug/L		11/22/17 07:38	11/24/17 16:48	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/22/17 07:38	11/24/17 16:48	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 16:48	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 16:48	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 16:48	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 16:48	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/22/17 07:38	11/24/17 16:48	1
Biphenyl	ND		5.0	0.65	ug/L		11/22/17 07:38	11/24/17 16:48	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/22/17 07:38	11/24/17 16:48	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/22/17 07:38	11/24/17 16:48	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 16:48	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 16:48	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/22/17 07:38	11/24/17 16:48	1
Caprolactam	ND		5.0	2.2	ug/L		11/22/17 07:38	11/24/17 16:48	1
Carbazole	ND		5.0	0.30	ug/L		11/22/17 07:38	11/24/17 16:48	1
Chrysene	ND		5.0	0.33	ug/L		11/22/17 07:38	11/24/17 16:48	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/22/17 07:38	11/24/17 16:48	1
Dibenzofuran	ND		10	0.51	ug/L		11/22/17 07:38	11/24/17 16:48	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/22/17 07:38	11/24/17 16:48	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 16:48	1

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

Lab Sample ID: MB 480-388728/1-A
Matrix: Water
Analysis Batch: 389029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 388728

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/22/17 07:38	11/24/17 16:48	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 16:48	1
Fluoranthene	ND		5.0	0.40	ug/L		11/22/17 07:38	11/24/17 16:48	1
Fluorene	ND		5.0	0.36	ug/L		11/22/17 07:38	11/24/17 16:48	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 16:48	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/22/17 07:38	11/24/17 16:48	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 16:48	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/22/17 07:38	11/24/17 16:48	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/22/17 07:38	11/24/17 16:48	1
Isophorone	ND		5.0	0.43	ug/L		11/22/17 07:38	11/24/17 16:48	1
Naphthalene	ND		5.0	0.76	ug/L		11/22/17 07:38	11/24/17 16:48	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/22/17 07:38	11/24/17 16:48	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/22/17 07:38	11/24/17 16:48	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/22/17 07:38	11/24/17 16:48	1
Pentachlorophenol	ND		10	2.2	ug/L		11/22/17 07:38	11/24/17 16:48	1
Phenanthrene	ND		5.0	0.44	ug/L		11/22/17 07:38	11/24/17 16:48	1
Phenol	ND		5.0	0.39	ug/L		11/22/17 07:38	11/24/17 16:48	1
Pyrene	ND		5.0	0.34	ug/L		11/22/17 07:38	11/24/17 16:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*67*		*41 - 120*	*11/22/17 07:38*	*11/24/17 16:48*	*1*
2-Fluorobiphenyl	*85*		*48 - 120*	*11/22/17 07:38*	*11/24/17 16:48*	*1*
2-Fluorophenol	*64*		*35 - 120*	*11/22/17 07:38*	*11/24/17 16:48*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*11/22/17 07:38*	*11/24/17 16:48*	*1*
Phenol-d5	*50*		*22 - 120*	*11/22/17 07:38*	*11/24/17 16:48*	*1*
p-Terphenyl-d14	*102*		*59 - 136*	*11/22/17 07:38*	*11/24/17 16:48*	*1*

Lab Sample ID: LCS 480-388728/2-A
Matrix: Water
Analysis Batch: 389029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 388728

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	31.8		ug/L		99	65 - 126
2,4,6-Trichlorophenol	32.0	31.6		ug/L		99	64 - 120
2,4-Dichlorophenol	32.0	32.3		ug/L		101	63 - 120
2,4-Dimethylphenol	32.0	31.9		ug/L		100	47 - 120
2,4-Dinitrophenol	64.0	73.2		ug/L		114	31 - 137
2,4-Dinitrotoluene	32.0	34.9		ug/L		109	69 - 120
2,6-Dinitrotoluene	32.0	35.1		ug/L		110	68 - 120
2-Chloronaphthalene	32.0	30.9		ug/L		97	58 - 120
2-Chlorophenol	32.0	29.0		ug/L		91	48 - 120
2-Methylnaphthalene	32.0	30.8		ug/L		96	59 - 120
2-Methylphenol	32.0	28.4		ug/L		89	39 - 120
2-Nitroaniline	32.0	32.3		ug/L		101	54 - 127
2-Nitrophenol	32.0	30.8		ug/L		96	52 - 125
3,3'-Dichlorobenzidine	64.0	68.3	E	ug/L		107	49 - 135
3-Nitroaniline	32.0	28.3		ug/L		89	51 - 120
4,6-Dinitro-2-methylphenol	64.0	73.1		ug/L		114	46 - 136

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

Lab Sample ID: LCS 480-388728/2-A
Matrix: Water
Analysis Batch: 389029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 388728

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	32.0	33.4		ug/L		104	65 - 120
4-Chloro-3-methylphenol	32.0	32.1		ug/L		100	61 - 123
4-Chloroaniline	32.0	22.6		ug/L		71	30 - 120
4-Chlorophenyl phenyl ether	32.0	33.2		ug/L		104	62 - 120
4-Methylphenol	32.0	28.3		ug/L		88	29 - 131
4-Nitroaniline	32.0	33.3		ug/L		104	65 - 120
4-Nitrophenol	64.0	67.9		ug/L		106	45 - 120
Acenaphthene	32.0	31.2		ug/L		97	60 - 120
Acenaphthylene	32.0	31.2		ug/L		98	63 - 120
Acetophenone	32.0	31.1		ug/L		97	45 - 120
Aniline	32.0	19.8		ug/L		62	12 - 120
Anthracene	32.0	32.1		ug/L		100	67 - 120
Atrazine	64.0	84.7	*	ug/L		132	71 - 130
Benzaldehyde	64.0	46.5		ug/L		73	10 - 140
Benzo(a)anthracene	32.0	35.2		ug/L		110	70 - 121
Benzo(a)pyrene	32.0	33.7		ug/L		105	60 - 123
Benzo(b)fluoranthene	32.0	37.9		ug/L		118	66 - 126
Benzo(g,h,i)perylene	32.0	33.9		ug/L		106	66 - 150
Benzo(k)fluoranthene	32.0	36.0		ug/L		113	65 - 124
Biphenyl	32.0	30.2		ug/L		94	59 - 120
bis (2-chloroisopropyl) ether	32.0	30.2		ug/L		95	21 - 136
Bis(2-chloroethoxy)methane	32.0	30.7		ug/L		96	50 - 128
Bis(2-chloroethyl)ether	32.0	28.5		ug/L		89	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.9		ug/L		103	63 - 139
Butyl benzyl phthalate	32.0	33.4		ug/L		104	70 - 129
Caprolactam	64.0	28.1		ug/L		44	22 - 120
Carbazole	32.0	35.3		ug/L		110	66 - 123
Chrysene	32.0	33.0		ug/L		103	69 - 120
Dibenz(a,h)anthracene	32.0	35.7		ug/L		112	65 - 135
Dibenzofuran	32.0	32.7		ug/L		102	66 - 120
Diethyl phthalate	32.0	36.7		ug/L		115	59 - 127
Dimethyl phthalate	32.0	35.8		ug/L		112	68 - 120
Di-n-butyl phthalate	32.0	36.3		ug/L		113	69 - 131
Di-n-octyl phthalate	32.0	31.6		ug/L		99	63 - 140
Fluoranthene	32.0	36.5		ug/L		114	69 - 126
Fluorene	32.0	33.6		ug/L		105	66 - 120
Hexachlorobenzene	32.0	33.9		ug/L		106	61 - 120
Hexachlorobutadiene	32.0	28.3		ug/L		88	35 - 120
Hexachlorocyclopentadiene	32.0	17.7		ug/L		55	31 - 120
Hexachloroethane	32.0	25.6		ug/L		80	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	33.4		ug/L		104	69 - 146
Isophorone	32.0	33.1		ug/L		103	55 - 120
Naphthalene	32.0	29.3		ug/L		92	57 - 120
Nitrobenzene	32.0	31.0		ug/L		97	53 - 123
N-Nitrosodi-n-propylamine	32.0	30.2		ug/L		94	32 - 140
N-Nitrosodiphenylamine	32.0	31.1		ug/L		97	61 - 120
Pentachlorophenol	64.0	72.4	E	ug/L		113	29 - 136
Phenanthrene	32.0	34.2		ug/L		107	68 - 120

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

Lab Sample ID: LCS 480-388728/2-A
Matrix: Water
Analysis Batch: 389029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 388728

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phenol			32.0	18.0		ug/L		56	17 - 120		
Pyrene			32.0	34.7		ug/L		108	70 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*124*	*X*	*41 - 120*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*77*		*35 - 120*
Nitrobenzene-d5	*94*		*46 - 120*
Phenol-d5	*61*		*22 - 120*
p-Terphenyl-d14	*106*		*59 - 136*

Lab Sample ID: 480-127895-1 MS
Matrix: Ground Water
Analysis Batch: 389029

Client Sample ID: BCC Area C RFI-20 MS_1117
Prep Type: Total/NA
Prep Batch: 388728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,5-Trichlorophenol	ND		32.0	32.6		ug/L		102	65 - 126		
2,4,6-Trichlorophenol	ND		32.0	33.0		ug/L		103	64 - 120		
2,4-Dichlorophenol	ND		32.0	32.1		ug/L		100	48 - 132		
2,4-Dimethylphenol	ND		32.0	30.9		ug/L		97	39 - 130		
2,4-Dinitrophenol	ND		64.0	78.6		ug/L		123	21 - 150		
2,4-Dinitrotoluene	ND		32.0	35.9		ug/L		112	54 - 138		
2,6-Dinitrotoluene	ND		32.0	35.0		ug/L		109	17 - 150		
2-Chloronaphthalene	ND		32.0	31.2		ug/L		97	52 - 124		
2-Chlorophenol	ND		32.0	27.7		ug/L		87	48 - 120		
2-Methylnaphthalene	0.68	J	32.0	31.1		ug/L		95	34 - 140		
2-Methylphenol	ND		32.0	27.3		ug/L		85	46 - 120		
2-Nitroaniline	ND		32.0	35.0		ug/L		109	44 - 136		
2-Nitrophenol	ND		32.0	29.7		ug/L		93	38 - 141		
3,3'-Dichlorobenzidine	ND		64.0	41.5		ug/L		65	10 - 150		
3-Nitroaniline	ND		32.0	23.7		ug/L		74	32 - 150		
4,6-Dinitro-2-methylphenol	ND		64.0	73.4		ug/L		115	38 - 150		
4-Bromophenyl phenyl ether	ND		32.0	31.3		ug/L		98	63 - 126		
4-Chloro-3-methylphenol	ND		32.0	33.1		ug/L		103	64 - 127		
4-Chloroaniline	ND		32.0	16.1		ug/L		50	16 - 124		
4-Chlorophenyl phenyl ether	ND		32.0	33.5		ug/L		105	61 - 120		
4-Methylphenol	ND		32.0	26.8		ug/L		84	36 - 120		
4-Nitroaniline	ND		32.0	34.1		ug/L		107	32 - 150		
4-Nitrophenol	ND		64.0	65.1		ug/L		102	23 - 132		
Acenaphthene	ND		32.0	31.1		ug/L		97	48 - 120		
Acenaphthylene	ND		32.0	31.7		ug/L		99	63 - 120		
Acetophenone	ND		32.0	29.4		ug/L		92	53 - 120		
Aniline	ND		32.0	17.9		ug/L		56	32 - 120		
Anthracene	ND		32.0	31.2		ug/L		98	65 - 122		
Atrazine	ND	*	64.0	85.4		ug/L		133	50 - 150		
Benzaldehyde	ND		64.0	42.5		ug/L		66	10 - 150		
Benzo(a)anthracene	ND		32.0	25.9		ug/L		81	43 - 124		
Benzo(a)pyrene	ND		32.0	20.8		ug/L		65	23 - 125		

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

Lab Sample ID: 480-127895-1 MS
Matrix: Ground Water
Analysis Batch: 389029

Client Sample ID: BCC Area C RFI-20 MS_1117
Prep Type: Total/NA
Prep Batch: 388728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo(b)fluoranthene	ND		32.0	23.8		ug/L		74	27 - 127
Benzo(g,h,i)perylene	ND		32.0	20.3		ug/L		63	16 - 147
Benzo(k)fluoranthene	ND		32.0	20.8		ug/L		65	20 - 124
Biphenyl	ND		32.0	30.9		ug/L		96	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	28.3		ug/L		88	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	29.8		ug/L		93	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	26.3		ug/L		82	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	20.2		ug/L		63	16 - 150
Butyl benzyl phthalate	ND		32.0	30.7		ug/L		96	51 - 140
Caprolactam	ND		64.0	26.2		ug/L		41	10 - 120
Carbazole	ND		32.0	35.7		ug/L		112	16 - 148
Chrysene	ND		32.0	24.1		ug/L		75	44 - 122
Dibenz(a,h)anthracene	ND		32.0	20.9		ug/L		65	16 - 139
Dibenzofuran	ND		32.0	33.2		ug/L		104	60 - 120
Diethyl phthalate	ND		32.0	37.9		ug/L		119	53 - 133
Dimethyl phthalate	ND		32.0	36.7		ug/L		115	59 - 123
Di-n-butyl phthalate	ND		32.0	32.5		ug/L		102	65 - 129
Di-n-octyl phthalate	ND		32.0	20.0		ug/L		62	16 - 150
Fluoranthene	ND		32.0	33.0		ug/L		103	63 - 129
Fluorene	ND		32.0	34.2		ug/L		107	62 - 120
Hexachlorobenzene	ND		32.0	29.1		ug/L		91	57 - 121
Hexachlorobutadiene	ND		32.0	28.1		ug/L		88	37 - 120
Hexachlorocyclopentadiene	ND		32.0	20.8		ug/L		65	21 - 120
Hexachloroethane	ND		32.0	25.0		ug/L		78	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	19.7		ug/L		61	16 - 140
Isophorone	ND		32.0	32.5		ug/L		102	48 - 133
Naphthalene	3.5	J	32.0	32.2		ug/L		90	45 - 120
Nitrobenzene	ND		32.0	30.1		ug/L		94	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	28.6		ug/L		89	49 - 120
N-Nitrosodiphenylamine	ND		32.0	31.6		ug/L		99	39 - 138
Pentachlorophenol	ND		64.0	72.5	E	ug/L		113	23 - 149
Phenanthrene	ND		32.0	33.9		ug/L		106	65 - 122
Phenol	ND		32.0	16.1		ug/L		50	16 - 120
Pyrene	ND		32.0	32.9		ug/L		103	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*	*X*	*41 - 120*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol	*69*		*35 - 120*
Nitrobenzene-d5	*93*		*46 - 120*
Phenol-d5	*53*		*22 - 120*
p-Terphenyl-d14	*65*		*59 - 136*

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

Lab Sample ID: 480-127895-1 MSD
Matrix: Ground Water
Analysis Batch: 389029

Client Sample ID: BCC Area C RFI-20 MSD_1117
Prep Type: Total/NA
Prep Batch: 388728

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	34.0		ug/L		106	65 - 126	4	18
2,4,6-Trichlorophenol	ND		32.0	32.3		ug/L		101	64 - 120	2	19
2,4-Dichlorophenol	ND		32.0	32.2		ug/L		101	48 - 132	0	19
2,4-Dimethylphenol	ND		32.0	30.9		ug/L		97	39 - 130	0	42
2,4-Dinitrophenol	ND		64.0	75.6		ug/L		118	21 - 150	4	22
2,4-Dinitrotoluene	ND		32.0	34.8		ug/L		109	54 - 138	3	20
2,6-Dinitrotoluene	ND		32.0	34.2		ug/L		107	17 - 150	2	15
2-Chloronaphthalene	ND		32.0	30.2		ug/L		94	52 - 124	3	21
2-Chlorophenol	ND		32.0	28.4		ug/L		89	48 - 120	3	25
2-Methylnaphthalene	0.68	J	32.0	31.6		ug/L		97	34 - 140	2	21
2-Methylphenol	ND		32.0	27.1		ug/L		85	46 - 120	1	27
2-Nitroaniline	ND		32.0	32.6		ug/L		102	44 - 136	7	15
2-Nitrophenol	ND		32.0	30.1		ug/L		94	38 - 141	1	18
3,3'-Dichlorobenzidine	ND		64.0	44.4		ug/L		69	10 - 150	7	25
3-Nitroaniline	ND		32.0	23.1		ug/L		72	32 - 150	2	19
4,6-Dinitro-2-methylphenol	ND		64.0	75.9		ug/L		119	38 - 150	3	15
4-Bromophenyl phenyl ether	ND		32.0	32.9		ug/L		103	63 - 126	5	15
4-Chloro-3-methylphenol	ND		32.0	33.2		ug/L		104	64 - 127	0	27
4-Chloroaniline	ND		32.0	17.6		ug/L		55	16 - 124	9	22
4-Chlorophenyl phenyl ether	ND		32.0	32.2		ug/L		101	61 - 120	4	16
4-Methylphenol	ND		32.0	27.8		ug/L		87	36 - 120	4	24
4-Nitroaniline	ND		32.0	34.5		ug/L		108	32 - 150	1	24
4-Nitrophenol	ND		64.0	66.1		ug/L		103	23 - 132	2	48
Acenaphthene	ND		32.0	30.8		ug/L		96	48 - 120	1	24
Acenaphthylene	ND		32.0	30.7		ug/L		96	63 - 120	3	18
Acetophenone	ND		32.0	30.5		ug/L		95	53 - 120	3	20
Aniline	ND		32.0	18.3		ug/L		57	32 - 120	2	30
Anthracene	ND		32.0	32.8		ug/L		103	65 - 122	5	15
Atrazine	ND	*	64.0	83.9		ug/L		131	50 - 150	2	20
Benzaldehyde	ND		64.0	44.3		ug/L		69	10 - 150	4	20
Benzo(a)anthracene	ND		32.0	26.4		ug/L		82	43 - 124	2	15
Benzo(a)pyrene	ND		32.0	21.7		ug/L		68	23 - 125	4	15
Benzo(b)fluoranthene	ND		32.0	24.8		ug/L		78	27 - 127	4	15
Benzo(g,h,i)perylene	ND		32.0	21.3		ug/L		67	16 - 147	5	15
Benzo(k)fluoranthene	ND		32.0	21.7		ug/L		68	20 - 124	4	22
Biphenyl	ND		32.0	30.0		ug/L		94	57 - 120	3	20
bis (2-chloroisopropyl) ether	ND		32.0	28.8		ug/L		90	28 - 121	2	24
Bis(2-chloroethoxy)methane	ND		32.0	29.6		ug/L		93	44 - 128	1	17
Bis(2-chloroethyl)ether	ND		32.0	27.2		ug/L		85	45 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		32.0	20.6		ug/L		64	16 - 150	2	15
Butyl benzyl phthalate	ND		32.0	29.4		ug/L		92	51 - 140	4	16
Caprolactam	ND		64.0	26.1		ug/L		41	10 - 120	0	20
Carbazole	ND		32.0	37.6		ug/L		117	16 - 148	5	20
Chrysene	ND		32.0	23.8		ug/L		74	44 - 122	1	15
Dibenz(a,h)anthracene	ND		32.0	21.4		ug/L		67	16 - 139	2	15
Dibenzofuran	ND		32.0	32.1		ug/L		100	60 - 120	4	15
Diethyl phthalate	ND		32.0	36.1		ug/L		113	53 - 133	5	15
Dimethyl phthalate	ND		32.0	36.3		ug/L		114	59 - 123	1	15

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

Lab Sample ID: 480-127895-1 MSD
Matrix: Ground Water
Analysis Batch: 389029

Client Sample ID: BCC Area C RFI-20 MSD_1117
Prep Type: Total/NA
Prep Batch: 388728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-butyl phthalate	ND		32.0	34.8		ug/L		109	65 - 129	7	15
Di-n-octyl phthalate	ND		32.0	20.3		ug/L		63	16 - 150	1	16
Fluoranthene	ND		32.0	34.8		ug/L		109	63 - 129	5	15
Fluorene	ND		32.0	33.4		ug/L		104	62 - 120	2	15
Hexachlorobenzene	ND		32.0	31.1		ug/L		97	57 - 121	7	15
Hexachlorobutadiene	ND		32.0	28.4		ug/L		89	37 - 120	1	44
Hexachlorocyclopentadiene	ND		32.0	19.5		ug/L		61	21 - 120	7	49
Hexachloroethane	ND		32.0	25.2		ug/L		79	16 - 130	0	46
Indeno(1,2,3-cd)pyrene	ND		32.0	20.6		ug/L		64	16 - 140	4	15
Isophorone	ND		32.0	32.6		ug/L		102	48 - 133	0	17
Naphthalene	3.5	J	32.0	31.6		ug/L		88	45 - 120	2	29
Nitrobenzene	ND		32.0	30.1		ug/L		94	45 - 123	0	24
N-Nitrosodi-n-propylamine	ND		32.0	29.5		ug/L		92	49 - 120	3	31
N-Nitrosodiphenylamine	ND		32.0	32.5		ug/L		102	39 - 138	3	15
Pentachlorophenol	ND		64.0	76.1	E	ug/L		119	23 - 149	5	37
Phenanthrene	ND		32.0	35.4		ug/L		111	65 - 122	4	15
Phenol	ND		32.0	17.2		ug/L		54	16 - 120	7	34
Pyrene	ND		32.0	32.0		ug/L		100	58 - 128	3	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*128*	*X*	*41 - 120*
2-Fluorobiphenyl	*94*		*48 - 120*
2-Fluorophenol	*70*		*35 - 120*
Nitrobenzene-d5	*93*		*46 - 120*
Phenol-d5	*56*		*22 - 120*
p-Terphenyl-d14	*66*		*59 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-388765/1-A
Matrix: Water
Analysis Batch: 389813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 388765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/22/17 09:17	11/29/17 14:02	1
Antimony	ND		0.020	0.0068	mg/L		11/22/17 09:17	11/29/17 14:02	1
Arsenic	ND		0.015	0.0056	mg/L		11/22/17 09:17	11/29/17 14:02	1
Barium	ND		0.0020	0.00070	mg/L		11/22/17 09:17	11/29/17 14:02	1
Beryllium	ND		0.0020	0.00030	mg/L		11/22/17 09:17	11/29/17 14:02	1
Cadmium	ND		0.0020	0.00050	mg/L		11/22/17 09:17	11/29/17 14:02	1
Calcium	ND		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:02	1
Chromium	ND		0.0040	0.0010	mg/L		11/22/17 09:17	11/29/17 14:02	1
Cobalt	ND		0.0040	0.00063	mg/L		11/22/17 09:17	11/29/17 14:02	1
Copper	ND		0.010	0.0016	mg/L		11/22/17 09:17	11/29/17 14:02	1
Iron	ND		0.050	0.019	mg/L		11/22/17 09:17	11/29/17 14:02	1
Lead	ND		0.010	0.0030	mg/L		11/22/17 09:17	11/29/17 14:02	1
Magnesium	ND		0.20	0.043	mg/L		11/22/17 09:17	11/29/17 14:02	1
Manganese	0.000860	J	0.0030	0.00040	mg/L		11/22/17 09:17	11/29/17 14:02	1

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

Lab Sample ID: MB 480-388765/1-A
Matrix: Water
Analysis Batch: 389813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 388765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.010	0.0013	mg/L		11/22/17 09:17	11/29/17 14:02	1
Potassium	ND		0.50	0.10	mg/L		11/22/17 09:17	11/29/17 14:02	1
Selenium	ND		0.025	0.0087	mg/L		11/22/17 09:17	11/29/17 14:02	1
Silver	ND		0.0060	0.0017	mg/L		11/22/17 09:17	11/29/17 14:02	1
Sodium	ND		1.0	0.32	mg/L		11/22/17 09:17	11/29/17 14:02	1
Thallium	ND		0.020	0.010	mg/L		11/22/17 09:17	11/29/17 14:02	1
Vanadium	ND		0.0050	0.0015	mg/L		11/22/17 09:17	11/29/17 14:02	1
Zinc	ND		0.010	0.0015	mg/L		11/22/17 09:17	11/29/17 14:02	1

Lab Sample ID: LCS 480-388765/2-A
Matrix: Water
Analysis Batch: 389813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 388765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.91		mg/L		99	80 - 120
Antimony	0.200	0.192		mg/L		96	80 - 120
Arsenic	0.200	0.199		mg/L		100	80 - 120
Barium	0.200	0.192		mg/L		96	80 - 120
Beryllium	0.200	0.197		mg/L		99	80 - 120
Cadmium	0.200	0.192		mg/L		96	80 - 120
Calcium	10.0	10.0		mg/L		100	80 - 120
Chromium	0.200	0.208		mg/L		104	80 - 120
Cobalt	0.200	0.190		mg/L		95	80 - 120
Copper	0.200	0.188		mg/L		94	80 - 120
Iron	10.0	10.16		mg/L		102	80 - 120
Lead	0.200	0.201		mg/L		101	80 - 120
Magnesium	10.0	9.86		mg/L		99	80 - 120
Manganese	0.200	0.205		mg/L		103	80 - 120
Nickel	0.200	0.197		mg/L		98	80 - 120
Potassium	10.0	9.50		mg/L		95	80 - 120
Selenium	0.200	0.200		mg/L		100	80 - 120
Silver	0.0500	0.0498		mg/L		100	80 - 120
Sodium	10.0	9.26		mg/L		92	80 - 120
Thallium	0.200	0.201		mg/L		100	80 - 120
Vanadium	0.200	0.206		mg/L		103	80 - 120
Zinc	0.200	0.201		mg/L		101	80 - 120

Lab Sample ID: 480-127895-1 MS
Matrix: Ground Water
Analysis Batch: 389813

Client Sample ID: BCC Area C RFI-20 MS_1117
Prep Type: Total/NA
Prep Batch: 388765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.13		mg/L		101	75 - 125
Antimony	ND		0.200	0.199		mg/L		99	75 - 125
Arsenic	0.012	J	0.200	0.222		mg/L		105	75 - 125
Barium	0.061		0.200	0.248		mg/L		94	75 - 125
Beryllium	ND		0.200	0.201		mg/L		100	75 - 125
Cadmium	ND		0.200	0.201		mg/L		100	75 - 125
Calcium	220		10.0	223.1	4	mg/L		29	75 - 125

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

Lab Sample ID: 480-127895-1 MS
Matrix: Ground Water
Analysis Batch: 389813

Client Sample ID: BCC Area C RFI-20 MS_1117
Prep Type: Total/NA
Prep Batch: 388765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	ND		0.200	0.211		mg/L		105	75 - 125
Cobalt	ND		0.200	0.197		mg/L		98	75 - 125
Copper	ND		0.200	0.192		mg/L		96	75 - 125
Iron	15.0		10.0	23.82		mg/L		88	75 - 125
Lead	ND		0.200	0.211		mg/L		105	75 - 125
Magnesium	21.9		10.0	30.93		mg/L		91	75 - 125
Manganese	0.50	B	0.200	0.689		mg/L		93	75 - 125
Nickel	0.010		0.200	0.212		mg/L		101	75 - 125
Potassium	8.5		10.0	17.95		mg/L		94	75 - 125
Selenium	ND		0.200	0.209		mg/L		104	75 - 125
Silver	ND		0.0500	0.0522		mg/L		104	75 - 125
Sodium	38.3		10.0	46.68		mg/L		84	75 - 125
Thallium	ND		0.200	0.201		mg/L		101	75 - 125
Vanadium	ND		0.200	0.214		mg/L		107	75 - 125
Zinc	0.0057	J	0.200	0.205		mg/L		100	75 - 125

Lab Sample ID: 480-127895-1 MSD
Matrix: Ground Water
Analysis Batch: 389813

Client Sample ID: BCC Area C RFI-20 MSD_1117
Prep Type: Total/NA
Prep Batch: 388765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.0		mg/L		100	75 - 125	1	20
Antimony	ND		0.200	0.200		mg/L		100	75 - 125	1	20
Arsenic	0.012	J	0.200	0.223		mg/L		106	75 - 125	0	20
Barium	0.061		0.200	0.246		mg/L		93	75 - 125	1	20
Beryllium	ND		0.200	0.199		mg/L		99	75 - 125	1	20
Cadmium	ND		0.200	0.198		mg/L		99	75 - 125	1	20
Calcium	220		10.0	219.7	4	mg/L		-5	75 - 125	2	20
Chromium	ND		0.200	0.208		mg/L		104	75 - 125	1	20
Cobalt	ND		0.200	0.195		mg/L		98	75 - 125	1	20
Copper	ND		0.200	0.191		mg/L		95	75 - 125	1	20
Iron	15.0		10.0	24.20		mg/L		92	75 - 125	2	20
Lead	ND		0.200	0.208		mg/L		104	75 - 125	1	20
Magnesium	21.9		10.0	30.55		mg/L		87	75 - 125	1	20
Manganese	0.50	B	0.200	0.681		mg/L		89	75 - 125	1	20
Nickel	0.010		0.200	0.211		mg/L		100	75 - 125	1	20
Potassium	8.5		10.0	17.78		mg/L		93	75 - 125	1	20
Selenium	ND		0.200	0.206		mg/L		103	75 - 125	1	20
Silver	ND		0.0500	0.0520		mg/L		104	75 - 125	0	20
Sodium	38.3		10.0	46.08		mg/L		78	75 - 125	1	20
Thallium	ND		0.200	0.201		mg/L		100	75 - 125	0	20
Vanadium	ND		0.200	0.212		mg/L		106	75 - 125	1	20
Zinc	0.0057	J	0.200	0.203		mg/L		99	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-388910/1-A
Matrix: Water
Analysis Batch: 389225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 388910

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/24/17 11:55	11/24/17 15:58	1

Lab Sample ID: LCS 480-388910/2-A
Matrix: Water
Analysis Batch: 389225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 388910

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00637		mg/L		95	80 - 120		

Lab Sample ID: 480-127895-1 MS
Matrix: Ground Water
Analysis Batch: 389225

Client Sample ID: BCC Area C RFI-20 MS_1117
Prep Type: Total/NA
Prep Batch: 388910

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.00667	0.00638		mg/L		96	80 - 120		

Lab Sample ID: 480-127895-1 MSD
Matrix: Ground Water
Analysis Batch: 389225

Client Sample ID: BCC Area C RFI-20 MSD_1117
Prep Type: Total/NA
Prep Batch: 388910

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00633		mg/L		95	80 - 120	1	20

GC/MS VOA

Analysis Batch: 479196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1	BCC Area C RFI-20_1117	Total/NA	Ground Water	8260C	
480-127895-2	BCC Area C MW-C01_1117	Total/NA	Ground Water	8260C	
480-127895-3	BCC Area C MW-C04_1117	Total/NA	Ground Water	8260C	
480-127895-4	BCC Area C PS-04_1117	Total/NA	Ground Water	8260C	
480-127895-6	BCC Area C PS-06_1117	Total/NA	Ground Water	8260C	
480-127895-7	BCC Area C RFI-20 D_1117	Total/NA	Ground Water	8260C	
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	8260C	
480-127895-9	TRIP BLANK_1117	Total/NA	Water	8260C	
MB 490-479196/6	Method Blank	Total/NA	Water	8260C	
LCS 490-479196/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 490-479196/4	Lab Control Sample Dup	Total/NA	Water	8260C	
480-127895-1 MS	BCC Area C RFI-20 MS_1117	Total/NA	Ground Water	8260C	
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	Total/NA	Ground Water	8260C	

Analysis Batch: 479705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-5	BCC Area C PS-05A_1117	Total/NA	Ground Water	8260C	
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	8260C	
MB 490-479705/6	Method Blank	Total/NA	Water	8260C	
LCS 490-479705/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 490-479705/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 388728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1	BCC Area C RFI-20_1117	Total/NA	Ground Water	3510C	
480-127895-2	BCC Area C MW-C01_1117	Total/NA	Ground Water	3510C	
480-127895-3	BCC Area C MW-C04_1117	Total/NA	Ground Water	3510C	
480-127895-4	BCC Area C PS-04_1117	Total/NA	Ground Water	3510C	
480-127895-5	BCC Area C PS-05A_1117	Total/NA	Ground Water	3510C	
480-127895-6	BCC Area C PS-06_1117	Total/NA	Ground Water	3510C	
480-127895-7	BCC Area C RFI-20 D_1117	Total/NA	Ground Water	3510C	
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	3510C	
MB 480-388728/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-388728/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-127895-1 MS	BCC Area C RFI-20 MS_1117	Total/NA	Ground Water	3510C	
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	Total/NA	Ground Water	3510C	

Analysis Batch: 389029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1	BCC Area C RFI-20_1117	Total/NA	Ground Water	8270D	388728
480-127895-2	BCC Area C MW-C01_1117	Total/NA	Ground Water	8270D	388728
480-127895-3	BCC Area C MW-C04_1117	Total/NA	Ground Water	8270D	388728
480-127895-4	BCC Area C PS-04_1117	Total/NA	Ground Water	8270D	388728
480-127895-5	BCC Area C PS-05A_1117	Total/NA	Ground Water	8270D	388728
480-127895-7	BCC Area C RFI-20 D_1117	Total/NA	Ground Water	8270D	388728
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	8270D	388728
MB 480-388728/1-A	Method Blank	Total/NA	Water	8270D	388728
LCS 480-388728/2-A	Lab Control Sample	Total/NA	Water	8270D	388728

GC/MS Semi VOA (Continued)

Analysis Batch: 389029 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1 MS	BCC Area C RFI-20 MS_1117	Total/NA	Ground Water	8270D	388728
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	Total/NA	Ground Water	8270D	388728

Analysis Batch: 389059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-6	BCC Area C PS-06_1117	Total/NA	Ground Water	8270D	388728

Metals

Prep Batch: 388765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1	BCC Area C RFI-20_1117	Total/NA	Ground Water	3005A	
480-127895-2	BCC Area C MW-C01_1117	Total/NA	Ground Water	3005A	
480-127895-3	BCC Area C MW-C04_1117	Total/NA	Ground Water	3005A	
480-127895-4	BCC Area C PS-04_1117	Total/NA	Ground Water	3005A	
480-127895-5	BCC Area C PS-05A_1117	Total/NA	Ground Water	3005A	
480-127895-6	BCC Area C PS-06_1117	Total/NA	Ground Water	3005A	
480-127895-7	BCC Area C RFI-20 D_1117	Total/NA	Ground Water	3005A	
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	3005A	
480-127895-10	BCC Area C RFI-20F_1117	Total/NA	Water	3005A	
480-127895-11	BCC Area C PS-05AF_1117	Total/NA	Water	3005A	
480-127895-12	BCC Area C MW-C04F_1117	Total/NA	Water	3005A	
480-127895-13	BCC Area C MW-C01F_1117	Total/NA	Water	3005A	
MB 480-388765/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-388765/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-127895-1 MS	BCC Area C RFI-20 MS_1117	Total/NA	Ground Water	3005A	
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	Total/NA	Ground Water	3005A	

Prep Batch: 388910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1	BCC Area C RFI-20_1117	Total/NA	Ground Water	7470A	
480-127895-2	BCC Area C MW-C01_1117	Total/NA	Ground Water	7470A	
480-127895-3	BCC Area C MW-C04_1117	Total/NA	Ground Water	7470A	
480-127895-4	BCC Area C PS-04_1117	Total/NA	Ground Water	7470A	
480-127895-5	BCC Area C PS-05A_1117	Total/NA	Ground Water	7470A	
480-127895-6	BCC Area C PS-06_1117	Total/NA	Ground Water	7470A	
480-127895-7	BCC Area C RFI-20 D_1117	Total/NA	Ground Water	7470A	
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	7470A	
480-127895-10	BCC Area C RFI-20F_1117	Total/NA	Water	7470A	
480-127895-11	BCC Area C PS-05AF_1117	Total/NA	Water	7470A	
480-127895-12	BCC Area C MW-C04F_1117	Total/NA	Water	7470A	
480-127895-13	BCC Area C MW-C01F_1117	Total/NA	Water	7470A	
MB 480-388910/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-388910/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-127895-1 MS	BCC Area C RFI-20 MS_1117	Total/NA	Ground Water	7470A	
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	Total/NA	Ground Water	7470A	

Analysis Batch: 389225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1	BCC Area C RFI-20_1117	Total/NA	Ground Water	7470A	388910

Metals (Continued)

Analysis Batch: 389225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-2	BCC Area C MW-C01_1117	Total/NA	Ground Water	7470A	388910
480-127895-3	BCC Area C MW-C04_1117	Total/NA	Ground Water	7470A	388910
480-127895-4	BCC Area C PS-04_1117	Total/NA	Ground Water	7470A	388910
480-127895-5	BCC Area C PS-05A_1117	Total/NA	Ground Water	7470A	388910
480-127895-6	BCC Area C PS-06_1117	Total/NA	Ground Water	7470A	388910
480-127895-7	BCC Area C RFI-20 D_1117	Total/NA	Ground Water	7470A	388910
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	7470A	388910
480-127895-10	BCC Area C RFI-20F_1117	Total/NA	Water	7470A	388910
480-127895-11	BCC Area C PS-05AF_1117	Total/NA	Water	7470A	388910
480-127895-12	BCC Area C MW-C04F_1117	Total/NA	Water	7470A	388910
480-127895-13	BCC Area C MW-C01F_1117	Total/NA	Water	7470A	388910
MB 480-388910/1-A	Method Blank	Total/NA	Water	7470A	388910
LCS 480-388910/2-A	Lab Control Sample	Total/NA	Water	7470A	388910
480-127895-1 MS	BCC Area C RFI-20 MS_1117	Total/NA	Ground Water	7470A	388910
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	Total/NA	Ground Water	7470A	388910

Analysis Batch: 389813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-1	BCC Area C RFI-20_1117	Total/NA	Ground Water	6010C	388765
480-127895-2	BCC Area C MW-C01_1117	Total/NA	Ground Water	6010C	388765
480-127895-3	BCC Area C MW-C04_1117	Total/NA	Ground Water	6010C	388765
480-127895-4	BCC Area C PS-04_1117	Total/NA	Ground Water	6010C	388765
480-127895-5	BCC Area C PS-05A_1117	Total/NA	Ground Water	6010C	388765
480-127895-7	BCC Area C RFI-20 D_1117	Total/NA	Ground Water	6010C	388765
480-127895-8	BCC Area C RFI-31_1117	Total/NA	Ground Water	6010C	388765
480-127895-10	BCC Area C RFI-20F_1117	Total/NA	Water	6010C	388765
480-127895-11	BCC Area C PS-05AF_1117	Total/NA	Water	6010C	388765
480-127895-12	BCC Area C MW-C04F_1117	Total/NA	Water	6010C	388765
480-127895-13	BCC Area C MW-C01F_1117	Total/NA	Water	6010C	388765
MB 480-388765/1-A	Method Blank	Total/NA	Water	6010C	388765
LCS 480-388765/2-A	Lab Control Sample	Total/NA	Water	6010C	388765
480-127895-1 MS	BCC Area C RFI-20 MS_1117	Total/NA	Ground Water	6010C	388765
480-127895-1 MSD	BCC Area C RFI-20 MSD_1117	Total/NA	Ground Water	6010C	388765

Analysis Batch: 390042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-127895-6	BCC Area C PS-06_1117	Total/NA	Ground Water	6010C	388765

Lab Chronicle

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C RFI-20_1117

Lab Sample ID: 480-127895-1
Date Collected: 11/21/17 08:35
Matrix: Ground Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479196	11/28/17 17:12	RP	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 07:38	JMP	TAL BUF
Total/NA	Analysis	8270D		1	389029	11/24/17 20:08	PJQ	TAL BUF
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 14:09	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:10	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C01_1117

Lab Sample ID: 480-127895-2
Date Collected: 11/21/17 15:10
Matrix: Ground Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479196	11/28/17 17:38	RP	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 07:38	JMP	TAL BUF
Total/NA	Analysis	8270D		1	389029	11/24/17 20:36	PJQ	TAL BUF
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 14:37	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:21	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C04_1117

Lab Sample ID: 480-127895-3
Date Collected: 11/21/17 13:25
Matrix: Ground Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479196	11/28/17 20:15	RP	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 07:38	JMP	TAL BUF
Total/NA	Analysis	8270D		1	389029	11/24/17 21:05	PJQ	TAL BUF
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 14:41	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:22	BMB	TAL BUF

Client Sample ID: BCC Area C PS-04_1117

Lab Sample ID: 480-127895-4
Date Collected: 11/21/17 12:20
Matrix: Ground Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479196	11/28/17 18:04	RP	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 07:38	JMP	TAL BUF
Total/NA	Analysis	8270D		1	389029	11/24/17 21:33	PJQ	TAL BUF

Client Sample ID: BCC Area C PS-04_1117

Lab Sample ID: 480-127895-4

Date Collected: 11/21/17 12:20

Matrix: Ground Water

Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 14:44	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:24	BMB	TAL BUF

Client Sample ID: BCC Area C PS-05A_1117

Lab Sample ID: 480-127895-5

Date Collected: 11/21/17 10:30

Matrix: Ground Water

Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479705	11/30/17 06:39	BBR	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 07:38	JMP	TAL BUF
Total/NA	Analysis	8270D		1	389029	11/24/17 22:02	PJQ	TAL BUF
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 14:48	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:26	BMB	TAL BUF

Client Sample ID: BCC Area C PS-06_1117

Lab Sample ID: 480-127895-6

Date Collected: 11/21/17 11:30

Matrix: Ground Water

Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479196	11/28/17 18:30	RP	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 09:29	JMP	TAL BUF
Total/NA	Analysis	8270D		5	389059	11/25/17 05:15	PJQ	TAL BUF
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		2	390042	11/30/17 09:46	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:28	BMB	TAL BUF

Client Sample ID: BCC Area C RFI-20 D_1117

Lab Sample ID: 480-127895-7

Date Collected: 11/21/17 08:45

Matrix: Ground Water

Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479196	11/28/17 18:56	RP	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 07:38	JMP	TAL BUF
Total/NA	Analysis	8270D		1	389029	11/24/17 22:31	PJQ	TAL BUF
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 14:55	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:29	BMB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-127895-1

Client Sample ID: BCC Area C RFI-31_1117

Lab Sample ID: 480-127895-8
Date Collected: 11/21/17 14:20
Matrix: Ground Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	479705	11/30/17 08:46	BBR	TAL NSH
Total/NA	Analysis	8260C		1	479196	11/28/17 20:41	RP	TAL NSH
Total/NA	Prep	3510C			388728	11/22/17 07:38	JMP	TAL BUF
Total/NA	Analysis	8270D		1	389029	11/24/17 23:00	PJQ	TAL BUF
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 14:59	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:31	BMB	TAL BUF

Client Sample ID: TRIP BLANK_1117

Lab Sample ID: 480-127895-9
Date Collected: 11/21/17 00:00
Matrix: Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	479196	11/28/17 16:19	RP	TAL NSH

Client Sample ID: BCC Area C RFI-20F_1117

Lab Sample ID: 480-127895-10
Date Collected: 11/21/17 09:20
Matrix: Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 15:13	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:33	BMB	TAL BUF

Client Sample ID: BCC Area C PS-05AF_1117

Lab Sample ID: 480-127895-11
Date Collected: 11/21/17 10:45
Matrix: Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 15:17	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:35	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C04F_1117

Lab Sample ID: 480-127895-12
Date Collected: 11/21/17 13:35
Matrix: Water
Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 15:21	LMH	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-127895-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:40	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C01F_1117

Lab Sample ID: 480-127895-13

Date Collected: 11/21/17 15:15

Matrix: Water

Date Received: 11/21/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			388765	11/22/17 09:17	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389813	11/29/17 15:24	LMH	TAL BUF
Total/NA	Prep	7470A			388910	11/24/17 11:55	EMB	TAL BUF
Total/NA	Analysis	7470A		1	389225	11/24/17 16:42	BMB	TAL BUF

Laboratory References:

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

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Accreditation/Certification Summary

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

TestAmerica Job ID: 480-127895-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Laboratory: TestAmerica Nashville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-17
A2LA	ISO/IEC 17025		0453.07	12-31-17
Alaska (UST)	State Program	10	UST-087	01-01-18
Arizona	State Program	9	AZ0473	05-05-18
Arkansas DEQ	State Program	6	88-0737	04-25-18
California	State Program	9	2938	10-31-18
Connecticut	State Program	1	PH-0220	12-31-17
Florida	NELAP	4	E87358	06-30-18
Georgia	State Program	4	E87358(FL)/453.07(A2LA)	06-30-18
Illinois	NELAP	5	200010	12-09-17
Iowa	State Program	7	131	04-01-18
Kansas	NELAP	7	E-10229	12-31-17
Kentucky (UST)	State Program	4	19	06-30-18
Kentucky (WW)	State Program	4	90038	12-31-17
Louisiana	NELAP	6	30613	06-30-18
Maine	State Program	1	TN00032	11-03-19
Maryland	State Program	3	316	03-31-18
Massachusetts	State Program	1	M-TN032	06-30-18
Minnesota	NELAP	5	047-999-345	12-31-17
Mississippi	State Program	4	N/A	06-30-18
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-18
New Hampshire	NELAP	1	2963	10-09-18
New Jersey	NELAP	2	TN965	06-30-18
New York	NELAP	2	11342	03-31-18
North Carolina (WW/SW)	State Program	4	387	12-31-17
North Dakota	State Program	8	R-146	06-30-18
Ohio VAP	State Program	5	CL0033	07-06-19
Oklahoma	State Program	6	9412	08-31-18
Oregon	NELAP	10	TN200001	04-27-18
Pennsylvania	NELAP	3	68-00585	06-30-18
Rhode Island	State Program	1	LAO00268	12-30-17
South Carolina	State Program	4	84009 (001)	02-28-18
South Carolina (Do Not Use - DW)	State Program	4	84009 (002)	12-16-17
Tennessee	State Program	4	2008	02-23-20
Texas	NELAP	6	T104704077	08-31-18
USDA	Federal		P330-13-00306	12-01-19
Utah	NELAP	8	TN00032	07-31-18
Virginia	NELAP	3	460152	06-14-18
Washington	State Program	10	C789	07-19-18
West Virginia DEP	State Program	3	219	02-28-18
Wisconsin	State Program	5	998020430	08-31-18
Wyoming (UST)	A2LA	8	453.07	12-31-19

Method Summary

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

TestAmerica Job ID: 480-127895-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL NSH
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

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

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

TestAmerica Job ID: 480-127895-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-127895-1	BCC Area C RFI-20_1117	Ground Water	11/21/17 08:35	11/21/17 17:00
480-127895-2	BCC Area C MW-C01_1117	Ground Water	11/21/17 15:10	11/21/17 17:00
480-127895-3	BCC Area C MW-C04_1117	Ground Water	11/21/17 13:25	11/21/17 17:00
480-127895-4	BCC Area C PS-04_1117	Ground Water	11/21/17 12:20	11/21/17 17:00
480-127895-5	BCC Area C PS-05A_1117	Ground Water	11/21/17 10:30	11/21/17 17:00
480-127895-6	BCC Area C PS-06_1117	Ground Water	11/21/17 11:30	11/21/17 17:00
480-127895-7	BCC Area C RFI-20 D_1117	Ground Water	11/21/17 08:45	11/21/17 17:00
480-127895-8	BCC Area C RFI-31_1117	Ground Water	11/21/17 14:20	11/21/17 17:00
480-127895-9	TRIP BLANK_1117	Water	11/21/17 00:00	11/21/17 17:00
480-127895-10	BCC Area C RFI-20F_1117	Water	11/21/17 09:20	11/21/17 17:00
480-127895-11	BCC Area C PS-05AF_1117	Water	11/21/17 10:45	11/21/17 17:00
480-127895-12	BCC Area C MW-C04F_1117	Water	11/21/17 13:35	11/21/17 17:00
480-127895-13	BCC Area C MW-C01F_1117	Water	11/21/17 15:15	11/21/17 17:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 11-21-17	COC No: 480-94317-6265.1
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# [redacted] 60475	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 42 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 42 list + naaline	Sample Specific Notes:
BCC_Area C_MW-C01_1117	11/21-17	1510	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_1117	11/21-17	1420	G	W	6	N	3	1	2	
BCC_Area C_PS-04_1117	11/21-17	1220	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_1117	11/21-17	1325	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_1117	11/21-17	0835	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_1117	11/21-17	1030	G	W	6	N	3	1	2	
BCC_Area C_PS-06_1117	11/21-17	1130	G	W	6	N	3	1	2	
BCC_Area C_RFI-20 D_1117	11/21-17	0846	G	W	6	N	3	1	2	
BCC_Area C_RFI-20 MS_1117	11/21-17	0855	G	W	6	N	3	1	2	
BCC_Area C_RFI-20 MSD_1117	11/21-17	0910	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
BCCAREAC_RFI-30F_1117	11/21-17	0920	G	W	1	Y		1		
BCCAREAC_PS-05AF_1117	11/21-17	1045	G	W	1	Y		1		
BCCAREAC_MW-C04F_1117	11/21-17	1335	G	W	1	Y		1		
BCCAREAC_MW-C01F_1117	11/21-17	1515	G	W	1	Y		1		
Container Volume (ml)							40	250	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

480-127895 COC

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	11/21/17		TM	11-21-17 1700
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-127895-1

Login Number: 127895
List Number: 1
Creator: Harper, Marcus D

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	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

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

TestAmerica Job ID: 480-131949-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
3/8/2018 3:45:55 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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

TestAmerica Job ID: 480-131949-1

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.

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.

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-131949-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-131949-1

Comments
No additional comments.

Receipt
The samples were received on 2/28/2018 5:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.0º C, 2.4º C and 2.7º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-402162 recovered outside acceptance criteria, low biased, for Cyclohexane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane and Methylcyclohexane. 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. The following samples are impacted: BCC Area C -PS-04_0218 (480-131949-3), BCC Area C-MW-C04 D_0218 (480-131949-4), BCC Area C -PS-05A_0218 (480-131949-6), BCC Area C -MW-C04_0218 (480-131949-8) and TRIP BLANK (480-131949-11).

Method(s) 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone and n-butyl Acetate with 2-Hexanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch 480-402162. The following samples were affected : BCC Area C -PS-04_0218 (480-131949-3), BCC Area C-MW-C04 D_0218 (480-131949-4), BCC Area C -PS-05A_0218 (480-131949-6), BCC Area C -MW-C04_0218 (480-131949-8) and TRIP BLANK (480-131949-11).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C -MW-C04_0218 (480-131949-8), BCC Area C -MW-C04 MS_0218 (480-131949-8[MS]) and BCC Area C -MW-C04 MSD_0218 (480-131949-8[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C-MW-C04 D_0218 (480-131949-4) and BCC Area C -PS-05A_0218 (480-131949-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area C -RFI-31_0218 (480-131949-2) and BCC Area C -PS-06_0218 (480-131949-7). 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 following samples were diluted due to the nature of the sample matrix: BCC Area C -MW-C04_0218 (480-131949-8), BCC Area C -MW-C04 MS_0218 (480-131949-8[MS]) and BCC Area C -MW-C04 MSD_0218 (480-131949-8[MSD]). 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
Method(s) 6010C: The following samples were diluted due to the presence of Total Sulfur which interferes with Lead: BCC Area C-RFI-20F (480-131949-12) and BCC Area C-PS-05AF (480-131949-13). Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The following samples were diluted due to the presence of Total Sulfur which interferes with Lead: BCC Area C -RFI-31_0218 (480-131949-2), BCC Area C-RFI-20_0218 (480-131949-5), BCC Area C -PS-05A_0218 (480-131949-6) and BCC Area C -PS-06_0218 (480-131949-7). 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 C Wells

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-CO1_0218 — Lab Sample ID: 480-131949-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.45	J	5.0	0.28	ug/L	1		8270D	Total/NA
Benzo(a)anthracene	1.1	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	1.1	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	1.3	J	5.0	0.34	ug/L	1		8270D	Total/NA
Benzo(g,h,i)perylene	0.74	J	5.0	0.35	ug/L	1		8270D	Total/NA
Chrysene	1.1	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	2.2	J	5.0	0.40	ug/L	1		8270D	Total/NA
Indeno(1,2,3-cd)pyrene	0.72	J	5.0	0.47	ug/L	1		8270D	Total/NA
Phenanthrene	1.5	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	1.8	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	5.1		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.086		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	37.4		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.016		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0011	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.016		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	4.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.059		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	4.5		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	0.0076	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	25.0		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.012		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.089		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C -RFI-31_0218 — Lab Sample ID: 480-131949-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	16		2.0	0.82	ug/L	2		8260C	Total/NA
1,3-Dichlorobenzene	8.5		2.0	1.6	ug/L	2		8260C	Total/NA
Chlorobenzene	2.1		2.0	1.5	ug/L	2		8260C	Total/NA
2,4-Dichlorophenol	0.51	J	5.0	0.51	ug/L	1		8270D	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0070	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.022		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00098	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	461		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0035	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	1.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	168		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	0.0039	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2210		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0060	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C -PS-04_0218 — Lab Sample ID: 480-131949-3

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C -PS-04_0218 (Continued) — Lab Sample ID: 480-131949-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.16	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.036		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.00033	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.0064		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	210		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.011		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.084		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.13		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	32.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.017	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	8.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	28.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.46		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C-MW-C04 D_0218 — Lab Sample ID: 480-131949-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	4.3		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	23		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	40		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene - DL	250		5.0	3.8	ug/L	5		8260C	Total/NA
2-Chlorophenol	0.67	J	5.0	0.53	ug/L	1		8270D	Total/NA
Aluminum	0.13	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.36		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	222		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0053	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	7.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	30.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.94	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	7.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	31.4		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0062	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C-RFI-20_0218 — Lab Sample ID: 480-131949-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	15		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	0.075	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.014	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.067		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	213		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	13.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	20.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.40	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0081	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	24.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0031	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.018		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-05A_0218 — Lab Sample ID: 480-131949-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.7		1.0	0.79	ug/L	1		8260C	Total/NA
Chlorobenzene - DL	160		4.0	3.0	ug/L	4		8260C	Total/NA
2-Chlorophenol	1.7	J	5.0	0.53	ug/L	1		8270D	Total/NA
Arsenic	0.071		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.014		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	252		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	19.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	25.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.35	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	11.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	91.1		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0083	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C -PS-06_0218 — Lab Sample ID: 480-131949-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.0	J	2.0	0.76	ug/L	2		8260C	Total/NA
Arsenic	0.074		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.0082		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	200		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	36.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	9.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	52.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	47.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0038	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C -MW-C04_0218 — Lab Sample ID: 480-131949-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	4.6	J	5.0	4.0	ug/L	5		8260C	Total/NA
1,3-Dichlorobenzene	24		5.0	3.9	ug/L	5		8260C	Total/NA
1,4-Dichlorobenzene	41		5.0	4.2	ug/L	5		8260C	Total/NA
Chlorobenzene	280		5.0	3.8	ug/L	5		8260C	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.32		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	201		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0036	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	6.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	27.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.85	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	28.1		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: 480-131949-11

No Detections.

Client Sample ID: BCC Area C-RFI-20F — Lab Sample ID: 480-131949-12

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: BCC Area C-RFI-20F (Continued) — Lab Sample ID: 480-131949-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.066		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	236		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	7.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	20.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.44		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	7.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	26.0		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.016		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C-PS-05AF — Lab Sample ID: 480-131949-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.035		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.011		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	246		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	10.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	25.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.33		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	11.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	103		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0099	J	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-CO1_0218
Date Collected: 02/27/18 11:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-1
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			03/02/18 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/18 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/18 12:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/18 12:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/18 12:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/02/18 12:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/18 12:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/18 12:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/18 12:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/02/18 12:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/18 12:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/18 12:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/02/18 12:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/02/18 12:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/02/18 12:56	1
2-Hexanone	ND		5.0	1.2	ug/L			03/02/18 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/18 12:56	1
Acetone	ND		10	3.0	ug/L			03/02/18 12:56	1
Benzene	ND		1.0	0.41	ug/L			03/02/18 12:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/18 12:56	1
Bromoform	ND		1.0	0.26	ug/L			03/02/18 12:56	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/18 12:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/18 12:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/18 12:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/02/18 12:56	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/18 12:56	1
Chloroform	ND		1.0	0.34	ug/L			03/02/18 12:56	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/18 12:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/18 12:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/18 12:56	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/18 12:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/18 12:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/18 12:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/18 12:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/18 12:56	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/18 12:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/18 12:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/18 12:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/02/18 12:56	1
Styrene	ND		1.0	0.73	ug/L			03/02/18 12:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/18 12:56	1
Toluene	ND		1.0	0.51	ug/L			03/02/18 12:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/18 12:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/18 12:56	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/18 12:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/18 12:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/18 12:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/18 12:56	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-CO1_0218
Date Collected: 02/27/18 11:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*03/02/18 12:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/02/18 12:56*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*03/02/18 12:56*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*03/02/18 12:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 18:18	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 18:18	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 18:18	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 18:18	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 18:18	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 18:18	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:18	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 18:18	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/02/18 07:23	03/04/18 18:18	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 18:18	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:18	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 18:18	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 18:18	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:18	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 18:18	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 18:18	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 18:18	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 18:18	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 18:18	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 18:18	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 18:18	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 18:18	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 18:18	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 18:18	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 18:18	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 18:18	1
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 18:18	1
Anthracene	**0.45**	**J**	5.0	0.28	ug/L		03/02/18 07:23	03/04/18 18:18	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 18:18	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 18:18	1
Benzo(a)anthracene	**1.1**	**J**	5.0	0.36	ug/L		03/02/18 07:23	03/04/18 18:18	1
Benzo(a)pyrene	**1.1**	**J**	5.0	0.47	ug/L		03/02/18 07:23	03/04/18 18:18	1
Benzo(b)fluoranthene	**1.3**	**J**	5.0	0.34	ug/L		03/02/18 07:23	03/04/18 18:18	1
Benzo(g,h,i)perylene	**0.74**	**J**	5.0	0.35	ug/L		03/02/18 07:23	03/04/18 18:18	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 18:18	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 18:18	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 18:18	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 18:18	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:18	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 18:18	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 18:18	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 18:18	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 18:18	1

Client Sample ID: BCC Area C -MW-CO1_0218
Date Collected: 02/27/18 11:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**1.1**	**J**	5.0	0.33	ug/L		03/02/18 07:23	03/04/18 18:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 18:18	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 18:18	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 18:18	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 18:18	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 18:18	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 18:18	1
Fluoranthene	**2.2**	**J**	5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:18	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 18:18	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 18:18	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 18:18	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 18:18	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 18:18	1
Indeno(1,2,3-cd)pyrene	**0.72**	**J**	5.0	0.47	ug/L		03/02/18 07:23	03/04/18 18:18	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 18:18	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 18:18	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 18:18	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 18:18	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 18:18	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 18:18	1
Phenanthrene	**1.5**	**J**	5.0	0.44	ug/L		03/02/18 07:23	03/04/18 18:18	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 18:18	1
Pyrene	**1.8**	**J**	5.0	0.34	ug/L		03/02/18 07:23	03/04/18 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*41 - 120*	*03/02/18 07:23*	*03/04/18 18:18*	*1*
2-Fluorobiphenyl	*76*		*48 - 120*	*03/02/18 07:23*	*03/04/18 18:18*	*1*
2-Fluorophenol	*58*		*35 - 120*	*03/02/18 07:23*	*03/04/18 18:18*	*1*
Nitrobenzene-d5	*66*		*46 - 120*	*03/02/18 07:23*	*03/04/18 18:18*	*1*
Phenol-d5	*45*		*22 - 120*	*03/02/18 07:23*	*03/04/18 18:18*	*1*
p-Terphenyl-d14	*98*		*59 - 136*	*03/02/18 07:23*	*03/04/18 18:18*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5.1**		0.20	0.060	mg/L		03/02/18 09:16	03/02/18 15:17	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:17	1
Arsenic	ND		0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:17	1
Barium	**0.086**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:17	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:17	1
Cadmium	ND		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:17	1
Calcium	**37.4**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:17	1
Chromium	**0.016**		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:17	1
Cobalt	**0.0011**	**J**	0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:17	1
Copper	**0.016**		0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:17	1
Iron	**4.7**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:17	1
Lead	**0.059**		0.010	0.0030	mg/L		03/02/18 09:16	03/02/18 15:17	1
Magnesium	**4.5**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:17	1
Manganese	**0.058**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:17	1
Nickel	**0.0076**	**J**	0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:17	1
Potassium	**5.1**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:17	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-CO1_0218
Date Collected: 02/27/18 11:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:17	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:17	1
Sodium	**25.0**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:17	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:17	1
Vanadium	**0.012**		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:17	1
Zinc	**0.089**		0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:34	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -RFI-31_0218
Date Collected: 02/27/18 12:18
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-2
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		2.0	1.6	ug/L			03/02/18 13:19	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			03/02/18 13:19	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			03/02/18 13:19	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			03/02/18 13:19	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			03/02/18 13:19	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			03/02/18 13:19	2
1,2,4-Trichlorobenzene	**16**		2.0	0.82	ug/L			03/02/18 13:19	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			03/02/18 13:19	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			03/02/18 13:19	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			03/02/18 13:19	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			03/02/18 13:19	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			03/02/18 13:19	2
1,3-Dichlorobenzene	**8.5**		2.0	1.6	ug/L			03/02/18 13:19	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			03/02/18 13:19	2
2-Butanone (MEK)	ND		20	2.6	ug/L			03/02/18 13:19	2
2-Hexanone	ND		10	2.5	ug/L			03/02/18 13:19	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			03/02/18 13:19	2
Acetone	ND		20	6.0	ug/L			03/02/18 13:19	2
Benzene	ND		2.0	0.82	ug/L			03/02/18 13:19	2
Bromodichloromethane	ND		2.0	0.78	ug/L			03/02/18 13:19	2
Bromoform	ND		2.0	0.52	ug/L			03/02/18 13:19	2
Bromomethane	ND		2.0	1.4	ug/L			03/02/18 13:19	2
Carbon disulfide	ND		2.0	0.38	ug/L			03/02/18 13:19	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			03/02/18 13:19	2
Chlorobenzene	**2.1**		2.0	1.5	ug/L			03/02/18 13:19	2
Chloroethane	ND		2.0	0.64	ug/L			03/02/18 13:19	2
Chloroform	ND		2.0	0.68	ug/L			03/02/18 13:19	2
Chloromethane	ND		2.0	0.70	ug/L			03/02/18 13:19	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			03/02/18 13:19	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			03/02/18 13:19	2
Cyclohexane	ND		2.0	0.36	ug/L			03/02/18 13:19	2
Dibromochloromethane	ND		2.0	0.64	ug/L			03/02/18 13:19	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			03/02/18 13:19	2
Ethylbenzene	ND		2.0	1.5	ug/L			03/02/18 13:19	2
Isopropylbenzene	ND		2.0	1.6	ug/L			03/02/18 13:19	2
Methyl acetate	ND		5.0	2.6	ug/L			03/02/18 13:19	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			03/02/18 13:19	2
Methylcyclohexane	ND		2.0	0.32	ug/L			03/02/18 13:19	2
Methylene Chloride	ND		2.0	0.88	ug/L			03/02/18 13:19	2
Styrene	ND		2.0	1.5	ug/L			03/02/18 13:19	2
Tetrachloroethene	ND		2.0	0.72	ug/L			03/02/18 13:19	2
Toluene	ND		2.0	1.0	ug/L			03/02/18 13:19	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			03/02/18 13:19	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			03/02/18 13:19	2
Trichloroethene	ND		2.0	0.92	ug/L			03/02/18 13:19	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			03/02/18 13:19	2
Vinyl chloride	ND		2.0	1.8	ug/L			03/02/18 13:19	2
Xylenes, Total	ND		4.0	1.3	ug/L			03/02/18 13:19	2

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -RFI-31_0218
Date Collected: 02/27/18 12:18
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*03/02/18 13:19*	*2*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*03/02/18 13:19*	*2*
Toluene-d8 (Surr)	*91*		*80 - 120*		*03/02/18 13:19*	*2*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*03/02/18 13:19*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 18:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 18:47	1
2,4-Dichlorophenol	**0.51**	**J**	5.0	0.51	ug/L		03/02/18 07:23	03/04/18 18:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 18:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 18:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 18:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 18:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/02/18 07:23	03/04/18 18:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 18:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:47	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 18:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 18:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:47	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 18:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 18:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 18:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 18:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 18:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 18:47	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 18:47	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 18:47	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 18:47	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 18:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 18:47	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 18:47	1
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 18:47	1
Anthracene	ND		5.0	0.28	ug/L		03/02/18 07:23	03/04/18 18:47	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 18:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 18:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 18:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 18:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 18:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 18:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 18:47	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 18:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 18:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 18:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:47	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 18:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 18:47	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 18:47	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 18:47	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -RFI-31_0218
Date Collected: 02/27/18 12:18
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/02/18 07:23	03/04/18 18:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 18:47	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 18:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 18:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 18:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 18:47	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 18:47	1
Fluoranthene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 18:47	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 18:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 18:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 18:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 18:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 18:47	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 18:47	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 18:47	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 18:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 18:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 18:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 18:47	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 18:47	1
Phenanthrene	ND		5.0	0.44	ug/L		03/02/18 07:23	03/04/18 18:47	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 18:47	1
Pyrene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*41 - 120*	*03/02/18 07:23*	*03/04/18 18:47*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*03/02/18 07:23*	*03/04/18 18:47*	*1*
2-Fluorophenol	*65*		*35 - 120*	*03/02/18 07:23*	*03/04/18 18:47*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*03/02/18 07:23*	*03/04/18 18:47*	*1*
Phenol-d5	*52*		*22 - 120*	*03/02/18 07:23*	*03/04/18 18:47*	*1*
p-Terphenyl-d14	*90*		*59 - 136*	*03/02/18 07:23*	*03/04/18 18:47*	*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		03/02/18 09:16	03/02/18 15:20	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:20	1
Arsenic	**0.0070**	**J**	0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:20	1
Barium	**0.022**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:20	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:20	1
Cadmium	**0.00098**	**J**	0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:20	1
Calcium	**461**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:20	1
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:20	1
Cobalt	**0.0035**	**J**	0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:20	1
Copper	ND		0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:20	1
Iron	**1.3**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:20	1
Lead	ND		0.10	0.030	mg/L		03/02/18 09:16	03/05/18 10:28	10
Magnesium	**168**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:20	1
Manganese	**1.5**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:20	1
Nickel	**0.0039**	**J**	0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:20	1
Potassium	**12.5**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:20	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -RFI-31_0218
Date Collected: 02/27/18 12:18
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:20	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:20	1
Sodium	**2210**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:20	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:20	1
Vanadium	ND		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:20	1
Zinc	**0.0060**	**J**	0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:35	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-04_0218
Date Collected: 02/27/18 13:25
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-3
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			03/02/18 01:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/18 01:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/18 01:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/18 01:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/18 01:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/02/18 01:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/18 01:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/18 01:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/18 01:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/02/18 01:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/18 01:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/18 01:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/02/18 01:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/02/18 01:04	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			03/02/18 01:04	1
2-Hexanone	ND	*	5.0	1.2	ug/L			03/02/18 01:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/18 01:04	1
Acetone	ND		10	3.0	ug/L			03/02/18 01:04	1
Benzene	ND		1.0	0.41	ug/L			03/02/18 01:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/18 01:04	1
Bromoform	ND		1.0	0.26	ug/L			03/02/18 01:04	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/18 01:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/18 01:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/18 01:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/02/18 01:04	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/18 01:04	1
Chloroform	ND		1.0	0.34	ug/L			03/02/18 01:04	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/18 01:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/18 01:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/18 01:04	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/18 01:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/18 01:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/18 01:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/18 01:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/18 01:04	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/18 01:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/18 01:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/18 01:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/02/18 01:04	1
Styrene	ND		1.0	0.73	ug/L			03/02/18 01:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/18 01:04	1
Toluene	ND		1.0	0.51	ug/L			03/02/18 01:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/18 01:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/18 01:04	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/18 01:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/18 01:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/18 01:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/18 01:04	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-04_0218
Date Collected: 02/27/18 13:25
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*03/02/18 01:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/02/18 01:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/02/18 01:04*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*03/02/18 01:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 19:15	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 19:15	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 19:15	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 19:15	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 19:15	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 19:15	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:15	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 19:15	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/02/18 07:23	03/04/18 19:15	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 19:15	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:15	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 19:15	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 19:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:15	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 19:15	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 19:15	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 19:15	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 19:15	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 19:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 19:15	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 19:15	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 19:15	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 19:15	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 19:15	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 19:15	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 19:15	1
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 19:15	1
Anthracene	ND		5.0	0.28	ug/L		03/02/18 07:23	03/04/18 19:15	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 19:15	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 19:15	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 19:15	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 19:15	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 19:15	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 19:15	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 19:15	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 19:15	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 19:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 19:15	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:15	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 19:15	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 19:15	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 19:15	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 19:15	1

Client Sample ID: BCC Area C -PS-04_0218
Date Collected: 02/27/18 13:25
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/02/18 07:23	03/04/18 19:15	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 19:15	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 19:15	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 19:15	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 19:15	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 19:15	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 19:15	1
Fluoranthene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:15	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 19:15	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 19:15	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 19:15	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 19:15	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 19:15	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 19:15	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 19:15	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 19:15	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 19:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 19:15	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 19:15	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 19:15	1
Phenanthrene	ND		5.0	0.44	ug/L		03/02/18 07:23	03/04/18 19:15	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 19:15	1
Pyrene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*41 - 120*	*03/02/18 07:23*	*03/04/18 19:15*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*03/02/18 07:23*	*03/04/18 19:15*	*1*
2-Fluorophenol	*68*		*35 - 120*	*03/02/18 07:23*	*03/04/18 19:15*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*03/02/18 07:23*	*03/04/18 19:15*	*1*
Phenol-d5	*52*		*22 - 120*	*03/02/18 07:23*	*03/04/18 19:15*	*1*
p-Terphenyl-d14	*94*		*59 - 136*	*03/02/18 07:23*	*03/04/18 19:15*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.16**	**J**	0.20	0.060	mg/L		03/02/18 09:16	03/02/18 15:24	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:24	1
Arsenic	ND		0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:24	1
Barium	**0.036**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:24	1
Beryllium	**0.00033**	**J**	0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:24	1
Cadmium	**0.0064**		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:24	1
Calcium	**210**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:24	1
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:24	1
Cobalt	**0.011**		0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:24	1
Copper	**0.084**		0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:24	1
Iron	**0.13**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:24	1
Lead	ND		0.010	0.0030	mg/L		03/02/18 09:16	03/02/18 15:24	1
Magnesium	**32.4**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:24	1
Manganese	**0.017**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:24	1
Nickel	**0.078**		0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:24	1
Potassium	**8.2**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:24	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-04_0218
Date Collected: 02/27/18 13:25
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:24	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:24	1
Sodium	**28.3**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:24	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:24	1
Vanadium	ND		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:24	1
Zinc	**0.46**		0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:24	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:38	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-MW-C04 D_0218
Date Collected: 02/27/18 09:50
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-4
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			03/02/18 01:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/18 01:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/18 01:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/18 01:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/18 01:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/02/18 01:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/18 01:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/18 01:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/18 01:29	1
1,2-Dichlorobenzene	**4.3**		1.0	0.79	ug/L			03/02/18 01:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/18 01:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/18 01:29	1
1,3-Dichlorobenzene	**23**		1.0	0.78	ug/L			03/02/18 01:29	1
1,4-Dichlorobenzene	**40**		1.0	0.84	ug/L			03/02/18 01:29	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			03/02/18 01:29	1
2-Hexanone	ND	*	5.0	1.2	ug/L			03/02/18 01:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/18 01:29	1
Acetone	ND		10	3.0	ug/L			03/02/18 01:29	1
Benzene	ND		1.0	0.41	ug/L			03/02/18 01:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/18 01:29	1
Bromoform	ND		1.0	0.26	ug/L			03/02/18 01:29	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/18 01:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/18 01:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/18 01:29	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/18 01:29	1
Chloroform	ND		1.0	0.34	ug/L			03/02/18 01:29	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/18 01:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/18 01:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/18 01:29	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/18 01:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/18 01:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/18 01:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/18 01:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/18 01:29	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/18 01:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/18 01:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/18 01:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/02/18 01:29	1
Styrene	ND		1.0	0.73	ug/L			03/02/18 01:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/18 01:29	1
Toluene	ND		1.0	0.51	ug/L			03/02/18 01:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/18 01:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/18 01:29	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/18 01:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/18 01:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/18 01:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/18 01:29	1

Client Sample ID: BCC Area C-MW-C04 D_0218
Date Collected: 02/27/18 09:50
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-4
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/02/18 01:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/02/18 01:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/02/18 01:29*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/02/18 01:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**250**		5.0	3.8	ug/L			03/02/18 13:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*03/02/18 13:43*	*5*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/02/18 13:43*	*5*
Toluene-d8 (Surr)	*91*		*80 - 120*		*03/02/18 13:43*	*5*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*03/02/18 13:43*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 19:44	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 19:44	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 19:44	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 19:44	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 19:44	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 19:44	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:44	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 19:44	1
2-Chlorophenol	**0.67**	**J**	5.0	0.53	ug/L		03/02/18 07:23	03/04/18 19:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 19:44	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:44	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 19:44	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 19:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:44	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 19:44	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 19:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 19:44	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 19:44	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 19:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 19:44	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 19:44	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 19:44	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 19:44	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 19:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 19:44	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 19:44	1
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 19:44	1
Anthracene	ND		5.0	0.28	ug/L		03/02/18 07:23	03/04/18 19:44	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 19:44	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 19:44	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 19:44	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 19:44	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 19:44	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 19:44	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-MW-C04 D_0218
Date Collected: 02/27/18 09:50
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 19:44	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 19:44	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 19:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 19:44	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 19:44	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 19:44	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 19:44	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 19:44	1
Chrysene	ND		5.0	0.33	ug/L		03/02/18 07:23	03/04/18 19:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 19:44	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 19:44	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 19:44	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 19:44	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 19:44	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 19:44	1
Fluoranthene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 19:44	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 19:44	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 19:44	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 19:44	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 19:44	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 19:44	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 19:44	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 19:44	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 19:44	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 19:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 19:44	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 19:44	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 19:44	1
Phenanthrene	ND		5.0	0.44	ug/L		03/02/18 07:23	03/04/18 19:44	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 19:44	1
Pyrene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*41 - 120*	*03/02/18 07:23*	*03/04/18 19:44*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*03/02/18 07:23*	*03/04/18 19:44*	*1*
2-Fluorophenol	*73*		*35 - 120*	*03/02/18 07:23*	*03/04/18 19:44*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*03/02/18 07:23*	*03/04/18 19:44*	*1*
Phenol-d5	*56*		*22 - 120*	*03/02/18 07:23*	*03/04/18 19:44*	*1*
p-Terphenyl-d14	*85*		*59 - 136*	*03/02/18 07:23*	*03/04/18 19:44*	*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		03/02/18 09:16	03/02/18 15:28	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:28	1
Arsenic	ND		0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:28	1
Barium	**0.36**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:28	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:28	1
Cadmium	ND		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:28	1
Calcium	**222**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:28	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-MW-C04 D_0218
Date Collected: 02/27/18 09:50
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:28	1
Cobalt	ND		0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:28	1
Copper	**0.0053**	**J**	0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:28	1
Iron	**7.7**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:28	1
Lead	ND		0.010	0.0030	mg/L		03/02/18 09:16	03/02/18 15:28	1
Magnesium	**30.4**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:28	1
Manganese	**0.94**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:28	1
Nickel	ND		0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:28	1
Potassium	**7.3**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:28	1
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:28	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:28	1
Sodium	**31.4**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:28	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:28	1
Vanadium	ND		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:28	1
Zinc	**0.0062**	**J**	0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:39	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-RFI-20_0218
Date Collected: 02/27/18 08:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-5
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			03/02/18 14:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/18 14:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/18 14:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/18 14:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/18 14:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/02/18 14:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/18 14:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/18 14:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/18 14:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/02/18 14:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/18 14:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/18 14:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/02/18 14:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/02/18 14:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/02/18 14:06	1
2-Hexanone	ND		5.0	1.2	ug/L			03/02/18 14:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/18 14:06	1
Acetone	ND		10	3.0	ug/L			03/02/18 14:06	1
Benzene	ND		1.0	0.41	ug/L			03/02/18 14:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/18 14:06	1
Bromoform	ND		1.0	0.26	ug/L			03/02/18 14:06	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/18 14:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/18 14:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/18 14:06	1
Chlorobenzene	**15**		1.0	0.75	ug/L			03/02/18 14:06	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/18 14:06	1
Chloroform	ND		1.0	0.34	ug/L			03/02/18 14:06	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/18 14:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/18 14:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/18 14:06	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/18 14:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/18 14:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/18 14:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/18 14:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/18 14:06	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/18 14:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/18 14:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/18 14:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/02/18 14:06	1
Styrene	ND		1.0	0.73	ug/L			03/02/18 14:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/18 14:06	1
Toluene	ND		1.0	0.51	ug/L			03/02/18 14:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/18 14:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/18 14:06	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/18 14:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/18 14:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/18 14:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/18 14:06	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-RFI-20_0218
Date Collected: 02/27/18 08:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*03/02/18 14:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/02/18 14:06*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*03/02/18 14:06*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*03/02/18 14:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 20:12	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 20:12	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 20:12	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 20:12	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 20:12	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 20:12	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:12	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 20:12	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/02/18 07:23	03/04/18 20:12	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 20:12	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:12	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 20:12	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 20:12	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:12	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 20:12	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 20:12	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 20:12	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 20:12	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 20:12	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 20:12	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 20:12	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 20:12	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 20:12	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 20:12	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 20:12	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 20:12	1
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 20:12	1
Anthracene	ND		5.0	0.28	ug/L		03/02/18 07:23	03/04/18 20:12	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 20:12	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 20:12	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 20:12	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 20:12	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 20:12	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 20:12	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 20:12	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 20:12	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 20:12	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 20:12	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:12	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 20:12	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 20:12	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 20:12	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 20:12	1

Client Sample ID: BCC Area C-RFI-20_0218
Date Collected: 02/27/18 08:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/02/18 07:23	03/04/18 20:12	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 20:12	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 20:12	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 20:12	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 20:12	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 20:12	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 20:12	1
Fluoranthene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:12	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 20:12	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 20:12	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 20:12	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 20:12	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 20:12	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 20:12	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 20:12	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 20:12	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 20:12	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 20:12	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 20:12	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 20:12	1
Phenanthrene	ND		5.0	0.44	ug/L		03/02/18 07:23	03/04/18 20:12	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 20:12	1
Pyrene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*41 - 120*	*03/02/18 07:23*	*03/04/18 20:12*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*03/02/18 07:23*	*03/04/18 20:12*	*1*
2-Fluorophenol	*65*		*35 - 120*	*03/02/18 07:23*	*03/04/18 20:12*	*1*
Nitrobenzene-d5	*69*		*46 - 120*	*03/02/18 07:23*	*03/04/18 20:12*	*1*
Phenol-d5	*49*		*22 - 120*	*03/02/18 07:23*	*03/04/18 20:12*	*1*
p-Terphenyl-d14	*95*		*59 - 136*	*03/02/18 07:23*	*03/04/18 20:12*	*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		03/02/18 09:16	03/02/18 15:31	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:31	1
Arsenic	**0.014**	**J**	0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:31	1
Barium	**0.067**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:31	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:31	1
Cadmium	ND		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:31	1
Calcium	**213**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:31	1
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:31	1
Cobalt	ND		0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:31	1
Copper	ND		0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:31	1
Iron	**13.8**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:31	1
Lead	ND		0.020	0.0060	mg/L		03/02/18 09:16	03/05/18 10:32	2
Magnesium	**20.8**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:31	1
Manganese	**0.40**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:31	1
Nickel	**0.0081**	**J**	0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:31	1
Potassium	**7.0**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:31	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-RFI-20_0218
Date Collected: 02/27/18 08:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:31	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:31	1
Sodium	**24.7**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:31	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:31	1
Vanadium	**0.0031**	**J**	0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:31	1
Zinc	**0.018**		0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:41	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-05A_0218
Date Collected: 02/27/18 09:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-6
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			03/02/18 02:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/18 02:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/18 02:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/18 02:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/18 02:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/02/18 02:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/18 02:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/18 02:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/18 02:20	1
1,2-Dichlorobenzene	**2.7**		1.0	0.79	ug/L			03/02/18 02:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/18 02:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/18 02:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/02/18 02:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/02/18 02:20	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			03/02/18 02:20	1
2-Hexanone	ND	*	5.0	1.2	ug/L			03/02/18 02:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/18 02:20	1
Acetone	ND		10	3.0	ug/L			03/02/18 02:20	1
Benzene	ND		1.0	0.41	ug/L			03/02/18 02:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/18 02:20	1
Bromoform	ND		1.0	0.26	ug/L			03/02/18 02:20	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/18 02:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/18 02:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/18 02:20	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/18 02:20	1
Chloroform	ND		1.0	0.34	ug/L			03/02/18 02:20	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/18 02:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/18 02:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/18 02:20	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/18 02:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/18 02:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/18 02:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/18 02:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/18 02:20	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/18 02:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/18 02:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/18 02:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/02/18 02:20	1
Styrene	ND		1.0	0.73	ug/L			03/02/18 02:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/18 02:20	1
Toluene	ND		1.0	0.51	ug/L			03/02/18 02:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/18 02:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/18 02:20	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/18 02:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/18 02:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/18 02:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/18 02:20	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-05A_0218
Date Collected: 02/27/18 09:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-6
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*03/02/18 02:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/02/18 02:20*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/02/18 02:20*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/02/18 02:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**160**		4.0	3.0	ug/L			03/02/18 14:29	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/02/18 14:29*	*4*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/02/18 14:29*	*4*
Toluene-d8 (Surr)	*91*		*80 - 120*		*03/02/18 14:29*	*4*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*03/02/18 14:29*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 20:41	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 20:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 20:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 20:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 20:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 20:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 20:41	1
2-Chlorophenol	**1.7**	**J**	5.0	0.53	ug/L		03/02/18 07:23	03/04/18 20:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 20:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:41	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 20:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 20:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:41	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 20:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 20:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 20:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 20:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 20:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 20:41	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 20:41	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 20:41	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 20:41	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 20:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 20:41	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 20:41	1
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 20:41	1
Anthracene	ND		5.0	0.28	ug/L		03/02/18 07:23	03/04/18 20:41	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 20:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 20:41	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 20:41	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 20:41	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 20:41	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 20:41	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-05A_0218
Date Collected: 02/27/18 09:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 20:41	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 20:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 20:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 20:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 20:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 20:41	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 20:41	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 20:41	1
Chrysene	ND		5.0	0.33	ug/L		03/02/18 07:23	03/04/18 20:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 20:41	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 20:41	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 20:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 20:41	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 20:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 20:41	1
Fluoranthene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 20:41	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 20:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 20:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 20:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 20:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 20:41	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 20:41	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 20:41	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 20:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 20:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 20:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 20:41	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 20:41	1
Phenanthrene	ND		5.0	0.44	ug/L		03/02/18 07:23	03/04/18 20:41	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 20:41	1
Pyrene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*41 - 120*	*03/02/18 07:23*	*03/04/18 20:41*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*03/02/18 07:23*	*03/04/18 20:41*	*1*
2-Fluorophenol	*73*		*35 - 120*	*03/02/18 07:23*	*03/04/18 20:41*	*1*
Nitrobenzene-d5	*78*		*46 - 120*	*03/02/18 07:23*	*03/04/18 20:41*	*1*
Phenol-d5	*54*		*22 - 120*	*03/02/18 07:23*	*03/04/18 20:41*	*1*
p-Terphenyl-d14	*93*		*59 - 136*	*03/02/18 07:23*	*03/04/18 20:41*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/02/18 09:16	03/02/18 15:35	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:35	1
Arsenic	**0.071**		0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:35	1
Barium	**0.014**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:35	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:35	1
Cadmium	ND		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:35	1
Calcium	**252**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:35	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-05A_0218
Date Collected: 02/27/18 09:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:35	1
Cobalt	ND		0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:35	1
Copper	ND		0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:35	1
Iron	**19.0**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:35	1
Lead	ND		0.020	0.0060	mg/L		03/02/18 09:16	03/05/18 10:36	2
Magnesium	**25.3**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:35	1
Manganese	**0.35**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:35	1
Nickel	ND		0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:35	1
Potassium	**11.4**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:35	1
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:35	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:35	1
Sodium	**91.1**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:35	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:35	1
Vanadium	ND		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:35	1
Zinc	**0.0083**	**J**	0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:35	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:43	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-06_0218
Date Collected: 02/27/18 14:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-7
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		2.0	1.6	ug/L			03/02/18 14:53	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			03/02/18 14:53	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			03/02/18 14:53	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			03/02/18 14:53	2
1,1-Dichloroethane	**1.0**	**J**	2.0	0.76	ug/L			03/02/18 14:53	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			03/02/18 14:53	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			03/02/18 14:53	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			03/02/18 14:53	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			03/02/18 14:53	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			03/02/18 14:53	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			03/02/18 14:53	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			03/02/18 14:53	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			03/02/18 14:53	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			03/02/18 14:53	2
2-Butanone (MEK)	ND		20	2.6	ug/L			03/02/18 14:53	2
2-Hexanone	ND		10	2.5	ug/L			03/02/18 14:53	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			03/02/18 14:53	2
Acetone	ND		20	6.0	ug/L			03/02/18 14:53	2
Benzene	ND		2.0	0.82	ug/L			03/02/18 14:53	2
Bromodichloromethane	ND		2.0	0.78	ug/L			03/02/18 14:53	2
Bromoform	ND		2.0	0.52	ug/L			03/02/18 14:53	2
Bromomethane	ND		2.0	1.4	ug/L			03/02/18 14:53	2
Carbon disulfide	ND		2.0	0.38	ug/L			03/02/18 14:53	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			03/02/18 14:53	2
Chlorobenzene	ND		2.0	1.5	ug/L			03/02/18 14:53	2
Chloroethane	ND		2.0	0.64	ug/L			03/02/18 14:53	2
Chloroform	ND		2.0	0.68	ug/L			03/02/18 14:53	2
Chloromethane	ND		2.0	0.70	ug/L			03/02/18 14:53	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			03/02/18 14:53	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			03/02/18 14:53	2
Cyclohexane	ND		2.0	0.36	ug/L			03/02/18 14:53	2
Dibromochloromethane	ND		2.0	0.64	ug/L			03/02/18 14:53	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			03/02/18 14:53	2
Ethylbenzene	ND		2.0	1.5	ug/L			03/02/18 14:53	2
Isopropylbenzene	ND		2.0	1.6	ug/L			03/02/18 14:53	2
Methyl acetate	ND		5.0	2.6	ug/L			03/02/18 14:53	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			03/02/18 14:53	2
Methylcyclohexane	ND		2.0	0.32	ug/L			03/02/18 14:53	2
Methylene Chloride	ND		2.0	0.88	ug/L			03/02/18 14:53	2
Styrene	ND		2.0	1.5	ug/L			03/02/18 14:53	2
Tetrachloroethene	ND		2.0	0.72	ug/L			03/02/18 14:53	2
Toluene	ND		2.0	1.0	ug/L			03/02/18 14:53	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			03/02/18 14:53	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			03/02/18 14:53	2
Trichloroethene	ND		2.0	0.92	ug/L			03/02/18 14:53	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			03/02/18 14:53	2
Vinyl chloride	ND		2.0	1.8	ug/L			03/02/18 14:53	2
Xylenes, Total	ND		4.0	1.3	ug/L			03/02/18 14:53	2

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-06_0218
Date Collected: 02/27/18 14:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-7
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*03/02/18 14:53*	*2*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/02/18 14:53*	*2*
Toluene-d8 (Surr)	*92*		*80 - 120*		*03/02/18 14:53*	*2*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*03/02/18 14:53*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 21:10	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 21:10	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 21:10	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 21:10	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 21:10	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 21:10	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 21:10	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 21:10	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/02/18 07:23	03/04/18 21:10	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 21:10	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 21:10	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 21:10	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 21:10	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 21:10	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 21:10	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 21:10	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 21:10	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 21:10	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 21:10	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 21:10	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 21:10	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 21:10	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 21:10	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 21:10	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 21:10	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 21:10	1
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 21:10	1
Anthracene	ND		5.0	0.28	ug/L		03/02/18 07:23	03/04/18 21:10	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 21:10	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 21:10	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 21:10	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 21:10	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 21:10	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 21:10	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 21:10	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 21:10	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 21:10	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 21:10	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 21:10	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 21:10	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 21:10	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 21:10	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 21:10	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-06_0218
Date Collected: 02/27/18 14:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/02/18 07:23	03/04/18 21:10	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 21:10	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 21:10	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 21:10	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 21:10	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 21:10	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 21:10	1
Fluoranthene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 21:10	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 21:10	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 21:10	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 21:10	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 21:10	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 21:10	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 21:10	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 21:10	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 21:10	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 21:10	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 21:10	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 21:10	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 21:10	1
Phenanthrene	ND		5.0	0.44	ug/L		03/02/18 07:23	03/04/18 21:10	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 21:10	1
Pyrene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*41 - 120*	*03/02/18 07:23*	*03/04/18 21:10*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*03/02/18 07:23*	*03/04/18 21:10*	*1*
2-Fluorophenol	*73*		*35 - 120*	*03/02/18 07:23*	*03/04/18 21:10*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*03/02/18 07:23*	*03/04/18 21:10*	*1*
Phenol-d5	*56*		*22 - 120*	*03/02/18 07:23*	*03/04/18 21:10*	*1*
p-Terphenyl-d14	*97*		*59 - 136*	*03/02/18 07:23*	*03/04/18 21:10*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/02/18 09:16	03/02/18 15:39	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:39	1
Arsenic	**0.074**		0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:39	1
Barium	**0.0082**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:39	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:39	1
Cadmium	ND		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:39	1
Calcium	**200**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:39	1
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:39	1
Cobalt	ND		0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:39	1
Copper	ND		0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:39	1
Iron	**36.8**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:39	1
Lead	ND		0.050	0.015	mg/L		03/02/18 09:16	03/05/18 15:55	5
Magnesium	**9.6**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:39	1
Manganese	**0.16**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:39	1
Nickel	ND		0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:39	1
Potassium	**52.5**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:39	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-06_0218
Date Collected: 02/27/18 14:20
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:39	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:39	1
Sodium	**47.9**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:39	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:39	1
Vanadium	ND		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:39	1
Zinc	**0.0038**	**J**	0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:45	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-C04_0218
Date Collected: 02/27/18 10:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-8
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		5.0	4.1	ug/L			03/02/18 03:11	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			03/02/18 03:11	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			03/02/18 03:11	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			03/02/18 03:11	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			03/02/18 03:11	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			03/02/18 03:11	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			03/02/18 03:11	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			03/02/18 03:11	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			03/02/18 03:11	5
1,2-Dichlorobenzene	**4.6**	**J**	5.0	4.0	ug/L			03/02/18 03:11	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			03/02/18 03:11	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			03/02/18 03:11	5
1,3-Dichlorobenzene	**24**		5.0	3.9	ug/L			03/02/18 03:11	5
1,4-Dichlorobenzene	**41**		5.0	4.2	ug/L			03/02/18 03:11	5
2-Butanone (MEK)	ND	*	50	6.6	ug/L			03/02/18 03:11	5
2-Hexanone	ND	*	25	6.2	ug/L			03/02/18 03:11	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			03/02/18 03:11	5
Acetone	ND		50	15	ug/L			03/02/18 03:11	5
Benzene	ND		5.0	2.1	ug/L			03/02/18 03:11	5
Bromodichloromethane	ND		5.0	2.0	ug/L			03/02/18 03:11	5
Bromoform	ND		5.0	1.3	ug/L			03/02/18 03:11	5
Bromomethane	ND		5.0	3.5	ug/L			03/02/18 03:11	5
Carbon disulfide	ND		5.0	0.95	ug/L			03/02/18 03:11	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			03/02/18 03:11	5
Chlorobenzene	**280**		5.0	3.8	ug/L			03/02/18 03:11	5
Chloroethane	ND		5.0	1.6	ug/L			03/02/18 03:11	5
Chloroform	ND		5.0	1.7	ug/L			03/02/18 03:11	5
Chloromethane	ND		5.0	1.8	ug/L			03/02/18 03:11	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			03/02/18 03:11	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			03/02/18 03:11	5
Cyclohexane	ND		5.0	0.90	ug/L			03/02/18 03:11	5
Dibromochloromethane	ND		5.0	1.6	ug/L			03/02/18 03:11	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			03/02/18 03:11	5
Ethylbenzene	ND		5.0	3.7	ug/L			03/02/18 03:11	5
Isopropylbenzene	ND		5.0	4.0	ug/L			03/02/18 03:11	5
Methyl acetate	ND		13	6.5	ug/L			03/02/18 03:11	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			03/02/18 03:11	5
Methylcyclohexane	ND		5.0	0.80	ug/L			03/02/18 03:11	5
Methylene Chloride	ND		5.0	2.2	ug/L			03/02/18 03:11	5
Styrene	ND		5.0	3.7	ug/L			03/02/18 03:11	5
Tetrachloroethene	ND		5.0	1.8	ug/L			03/02/18 03:11	5
Toluene	ND		5.0	2.6	ug/L			03/02/18 03:11	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			03/02/18 03:11	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/02/18 03:11	5
Trichloroethene	ND		5.0	2.3	ug/L			03/02/18 03:11	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			03/02/18 03:11	5
Vinyl chloride	ND		5.0	4.5	ug/L			03/02/18 03:11	5
Xylenes, Total	ND		10	3.3	ug/L			03/02/18 03:11	5

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-C04_0218
Date Collected: 02/27/18 10:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-8
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		03/02/18 03:11	5
4-Bromofluorobenzene (Surr)	99		73 - 120		03/02/18 03:11	5
Toluene-d8 (Surr)	98		80 - 120		03/02/18 03:11	5
Dibromofluoromethane (Surr)	98		75 - 123		03/02/18 03:11	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		03/02/18 07:23	03/04/18 17:22	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		03/02/18 07:23	03/04/18 17:22	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		03/02/18 07:23	03/04/18 17:22	5
2,4-Dinitrophenol	ND		50	11	ug/L		03/02/18 07:23	03/04/18 17:22	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		03/02/18 07:23	03/04/18 17:22	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
2-Chloronaphthalene	ND		25	2.3	ug/L		03/02/18 07:23	03/04/18 17:22	5
2-Chlorophenol	ND		25	2.7	ug/L		03/02/18 07:23	03/04/18 17:22	5
2-Methylnaphthalene	ND		25	3.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
2-Methylphenol	ND		25	2.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
2-Nitroaniline	ND		50	2.1	ug/L		03/02/18 07:23	03/04/18 17:22	5
2-Nitrophenol	ND		25	2.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
3-Nitroaniline	ND		50	2.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		03/02/18 07:23	03/04/18 17:22	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		03/02/18 07:23	03/04/18 17:22	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		03/02/18 07:23	03/04/18 17:22	5
4-Chloroaniline	ND		25	3.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
4-Methylphenol	ND		50	1.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
4-Nitroaniline	ND		50	1.3	ug/L		03/02/18 07:23	03/04/18 17:22	5
4-Nitrophenol	ND		50	7.6	ug/L		03/02/18 07:23	03/04/18 17:22	5
Acenaphthene	ND		25	2.1	ug/L		03/02/18 07:23	03/04/18 17:22	5
Acenaphthylene	ND		25	1.9	ug/L		03/02/18 07:23	03/04/18 17:22	5
Acetophenone	ND		25	2.7	ug/L		03/02/18 07:23	03/04/18 17:22	5
Aniline	ND		50	3.1	ug/L		03/02/18 07:23	03/04/18 17:22	5
Anthracene	ND		25	1.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
Atrazine	ND		25	2.3	ug/L		03/02/18 07:23	03/04/18 17:22	5
Benzaldehyde	ND		25	1.3	ug/L		03/02/18 07:23	03/04/18 17:22	5
Benzo(a)anthracene	ND		25	1.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
Benzo(a)pyrene	ND		25	2.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		03/02/18 07:23	03/04/18 17:22	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		03/02/18 07:23	03/04/18 17:22	5
Biphenyl	ND		25	3.3	ug/L		03/02/18 07:23	03/04/18 17:22	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		03/02/18 07:23	03/04/18 17:22	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		03/02/18 07:23	03/04/18 17:22	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
Caprolactam	ND		25	11	ug/L		03/02/18 07:23	03/04/18 17:22	5
Carbazole	ND		25	1.5	ug/L		03/02/18 07:23	03/04/18 17:22	5

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-C04_0218
Date Collected: 02/27/18 10:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		03/02/18 07:23	03/04/18 17:22	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		03/02/18 07:23	03/04/18 17:22	5
Dibenzofuran	ND		50	2.6	ug/L		03/02/18 07:23	03/04/18 17:22	5
Diethyl phthalate	ND		25	1.1	ug/L		03/02/18 07:23	03/04/18 17:22	5
Dimethyl phthalate	ND		25	1.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		03/02/18 07:23	03/04/18 17:22	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
Fluoranthene	ND		25	2.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
Fluorene	ND		25	1.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
Hexachlorobenzene	ND		25	2.6	ug/L		03/02/18 07:23	03/04/18 17:22	5
Hexachlorobutadiene	ND		25	3.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
Hexachloroethane	ND		25	3.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		03/02/18 07:23	03/04/18 17:22	5
Isophorone	ND		25	2.2	ug/L		03/02/18 07:23	03/04/18 17:22	5
Naphthalene	ND		25	3.8	ug/L		03/02/18 07:23	03/04/18 17:22	5
Nitrobenzene	ND		25	1.5	ug/L		03/02/18 07:23	03/04/18 17:22	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		03/02/18 07:23	03/04/18 17:22	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		03/02/18 07:23	03/04/18 17:22	5
Pentachlorophenol	ND		50	11	ug/L		03/02/18 07:23	03/04/18 17:22	5
Phenanthrene	ND		25	2.2	ug/L		03/02/18 07:23	03/04/18 17:22	5
Phenol	ND		25	2.0	ug/L		03/02/18 07:23	03/04/18 17:22	5
Pyrene	ND		25	1.7	ug/L		03/02/18 07:23	03/04/18 17:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*41 - 120*	*03/02/18 07:23*	*03/04/18 17:22*	*5*
2-Fluorobiphenyl	*86*		*48 - 120*	*03/02/18 07:23*	*03/04/18 17:22*	*5*
2-Fluorophenol	*62*		*35 - 120*	*03/02/18 07:23*	*03/04/18 17:22*	*5*
Nitrobenzene-d5	*76*		*46 - 120*	*03/02/18 07:23*	*03/04/18 17:22*	*5*
Phenol-d5	*46*		*22 - 120*	*03/02/18 07:23*	*03/04/18 17:22*	*5*
p-Terphenyl-d14	*86*		*59 - 136*	*03/02/18 07:23*	*03/04/18 17:22*	*5*

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		03/02/18 09:16	03/02/18 15:53	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:53	1
Arsenic	ND		0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:53	1
Barium	**0.32**		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:53	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:53	1
Cadmium	ND		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:53	1
Calcium	**201**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:53	1
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:53	1
Cobalt	ND		0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:53	1
Copper	**0.0036**	**J**	0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:53	1
Iron	**6.8**		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:53	1
Lead	ND		0.010	0.0030	mg/L		03/02/18 09:16	03/02/18 15:53	1
Magnesium	**27.4**		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:53	1
Manganese	**0.85**	**B**	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:53	1
Nickel	ND		0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:53	1
Potassium	**6.5**		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:53	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -MW-C04_0218
Date Collected: 02/27/18 10:05
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:53	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:53	1
Sodium	**28.1**		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:53	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:53	1
Vanadium	ND		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:53	1
Zinc	**0.0048**	**J**	0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:47	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: TRIP BLANK
Date Collected: 02/27/18 00:00
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-11
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			03/02/18 03:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/18 03:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/18 03:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/18 03:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/18 03:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/02/18 03:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/18 03:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/18 03:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/18 03:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/02/18 03:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/18 03:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/18 03:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/02/18 03:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/02/18 03:36	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			03/02/18 03:36	1
2-Hexanone	ND	*	5.0	1.2	ug/L			03/02/18 03:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/18 03:36	1
Acetone	ND		10	3.0	ug/L			03/02/18 03:36	1
Benzene	ND		1.0	0.41	ug/L			03/02/18 03:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/18 03:36	1
Bromoform	ND		1.0	0.26	ug/L			03/02/18 03:36	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/18 03:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/18 03:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/18 03:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/02/18 03:36	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/18 03:36	1
Chloroform	ND		1.0	0.34	ug/L			03/02/18 03:36	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/18 03:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/18 03:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/18 03:36	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/18 03:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/18 03:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/18 03:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/18 03:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/18 03:36	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/18 03:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/18 03:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/18 03:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/02/18 03:36	1
Styrene	ND		1.0	0.73	ug/L			03/02/18 03:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/18 03:36	1
Toluene	ND		1.0	0.51	ug/L			03/02/18 03:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/18 03:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/18 03:36	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/18 03:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/18 03:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/18 03:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/18 03:36	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: TRIP BLANK
Date Collected: 02/27/18 00:00
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		03/02/18 03:36	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/02/18 03:36	1
Toluene-d8 (Surr)	97		80 - 120		03/02/18 03:36	1
Dibromofluoromethane (Surr)	99		75 - 123		03/02/18 03:36	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-RFI-20F
Date Collected: 02/28/18 08:25
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-12
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/05/18 09:20	03/05/18 21:55	1
Antimony	ND		0.020	0.0068	mg/L		03/05/18 09:20	03/05/18 21:55	1
Arsenic	ND		0.015	0.0056	mg/L		03/05/18 09:20	03/05/18 21:55	1
Barium	**0.066**		0.0020	0.00070	mg/L		03/05/18 09:20	03/05/18 21:55	1
Beryllium	ND		0.0020	0.00030	mg/L		03/05/18 09:20	03/05/18 21:55	1
Cadmium	ND		0.0020	0.00050	mg/L		03/05/18 09:20	03/05/18 21:55	1
Calcium	**236**		0.50	0.10	mg/L		03/05/18 09:20	03/05/18 21:55	1
Chromium	ND		0.0040	0.0010	mg/L		03/05/18 09:20	03/05/18 21:55	1
Cobalt	ND		0.0040	0.00063	mg/L		03/05/18 09:20	03/05/18 21:55	1
Copper	ND		0.010	0.0016	mg/L		03/05/18 09:20	03/05/18 21:55	1
Iron	**7.7**		0.050	0.019	mg/L		03/05/18 09:20	03/05/18 21:55	1
Lead	ND		0.020	0.0060	mg/L		03/05/18 09:20	03/06/18 11:13	2
Magnesium	**20.9**		0.20	0.043	mg/L		03/05/18 09:20	03/05/18 21:55	1
Manganese	**0.44**		0.0030	0.00040	mg/L		03/05/18 09:20	03/05/18 21:55	1
Nickel	**0.0084**	**J**	0.010	0.0013	mg/L		03/05/18 09:20	03/05/18 21:55	1
Potassium	**7.5**		0.50	0.10	mg/L		03/05/18 09:20	03/05/18 21:55	1
Selenium	ND		0.025	0.0087	mg/L		03/05/18 09:20	03/05/18 21:55	1
Silver	ND		0.0060	0.0017	mg/L		03/05/18 09:20	03/05/18 21:55	1
Sodium	**26.0**		1.0	0.32	mg/L		03/05/18 09:20	03/05/18 21:55	1
Thallium	ND		0.020	0.010	mg/L		03/05/18 09:20	03/05/18 21:55	1
Vanadium	**0.0017**	**J**	0.0050	0.0015	mg/L		03/05/18 09:20	03/05/18 21:55	1
Zinc	**0.016**		0.010	0.0015	mg/L		03/05/18 09:20	03/05/18 21:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/06/18 13:15	03/06/18 15:55	1

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-PS-05AF
Date Collected: 02/28/18 09:10
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-13
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/05/18 09:20	03/05/18 21:59	1
Antimony	ND		0.020	0.0068	mg/L		03/05/18 09:20	03/05/18 21:59	1
Arsenic	**0.035**		0.015	0.0056	mg/L		03/05/18 09:20	03/05/18 21:59	1
Barium	**0.011**		0.0020	0.00070	mg/L		03/05/18 09:20	03/05/18 21:59	1
Beryllium	ND		0.0020	0.00030	mg/L		03/05/18 09:20	03/05/18 21:59	1
Cadmium	ND		0.0020	0.00050	mg/L		03/05/18 09:20	03/05/18 21:59	1
Calcium	**246**		0.50	0.10	mg/L		03/05/18 09:20	03/05/18 21:59	1
Chromium	ND		0.0040	0.0010	mg/L		03/05/18 09:20	03/05/18 21:59	1
Cobalt	ND		0.0040	0.00063	mg/L		03/05/18 09:20	03/05/18 21:59	1
Copper	ND		0.010	0.0016	mg/L		03/05/18 09:20	03/05/18 21:59	1
Iron	**10.1**		0.050	0.019	mg/L		03/05/18 09:20	03/05/18 21:59	1
Lead	ND		0.020	0.0060	mg/L		03/05/18 09:20	03/06/18 11:17	2
Magnesium	**25.6**		0.20	0.043	mg/L		03/05/18 09:20	03/05/18 21:59	1
Manganese	**0.33**		0.0030	0.00040	mg/L		03/05/18 09:20	03/05/18 21:59	1
Nickel	ND		0.010	0.0013	mg/L		03/05/18 09:20	03/05/18 21:59	1
Potassium	**11.8**		0.50	0.10	mg/L		03/05/18 09:20	03/05/18 21:59	1
Selenium	ND		0.025	0.0087	mg/L		03/05/18 09:20	03/05/18 21:59	1
Silver	ND		0.0060	0.0017	mg/L		03/05/18 09:20	03/05/18 21:59	1
Sodium	**103**		1.0	0.32	mg/L		03/05/18 09:20	03/05/18 21:59	1
Thallium	ND		0.020	0.010	mg/L		03/05/18 09:20	03/05/18 21:59	1
Vanadium	ND		0.0050	0.0015	mg/L		03/05/18 09:20	03/05/18 21:59	1
Zinc	**0.0099**	**J**	0.010	0.0015	mg/L		03/05/18 09:20	03/05/18 21:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/06/18 13:15	03/06/18 15:56	1

Surrogate Summary

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

TestAmerica Job ID: 480-131949-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-131949-1	BCC Area C -MW-CO1_0218	90	98	91	91
480-131949-2	BCC Area C -RFI-31_0218	91	97	91	90
480-131949-3	BCC Area C -PS-04_0218	97	101	99	99
480-131949-4	BCC Area C-MW-C04 D_0218	94	100	100	97
480-131949-4 - DL	BCC Area C-MW-C04 D_0218	91	99	91	91
480-131949-5	BCC Area C-RFI-20_0218	91	99	89	92
480-131949-6	BCC Area C -PS-05A_0218	95	99	98	96
480-131949-6 - DL	BCC Area C -PS-05A_0218	93	99	91	92
480-131949-7	BCC Area C -PS-06_0218	92	100	92	94
480-131949-8	BCC Area C -MW-C04_0218	95	99	98	98
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	95	99	97	101
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	98	98	97	100

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-131949-11	TRIP BLANK	97	98	97	99
LCS 480-402162/4	Lab Control Sample	92	100	99	87
LCS 480-402214/5	Lab Control Sample	92	102	93	95
MB 480-402162/7	Method Blank	95	101	98	97
MB 480-402214/7	Method Blank	89	98	92	90

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-131949-1	BCC Area C -MW-CO1_0218	86	76	58	66	45	98
480-131949-2	BCC Area C -RFI-31_0218	104	81	65	71	52	90
480-131949-3	BCC Area C -PS-04_0218	89	84	68	74	52	94
480-131949-4	BCC Area C-MW-C04 D_0218	108	90	73	79	56	85
480-131949-5	BCC Area C-RFI-20_0218	91	78	65	69	49	95

Surrogate Summary

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

TestAmerica Job ID: 480-131949-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-131949-6	BCC Area C -PS-05A_0218	98	88	73	78	54	93
480-131949-7	BCC Area C -PS-06_0218	103	91	73	79	56	97
480-131949-8	BCC Area C -MW-C04_0218	94	86	62	76	46	86
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	107	87	68	87	52	86
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	111	90	71	89	57	82

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
LCS 480-402169/2-A	Lab Control Sample	105	93	78	88	62	111
MB 480-402169/1-A	Method Blank	85	96	70	86	51	118

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

TestAmerica Job ID: 480-131949-1

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

Lab Sample ID: MB 480-402162/7
Matrix: Water
Analysis Batch: 402162

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			03/01/18 23:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/01/18 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/01/18 23:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/01/18 23:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/01/18 23:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/01/18 23:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/01/18 23:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/01/18 23:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/01/18 23:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/01/18 23:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/01/18 23:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/01/18 23:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/01/18 23:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/01/18 23:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/01/18 23:03	1
2-Hexanone	ND		5.0	1.2	ug/L			03/01/18 23:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/01/18 23:03	1
Acetone	ND		10	3.0	ug/L			03/01/18 23:03	1
Benzene	ND		1.0	0.41	ug/L			03/01/18 23:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/01/18 23:03	1
Bromoform	ND		1.0	0.26	ug/L			03/01/18 23:03	1
Bromomethane	ND		1.0	0.69	ug/L			03/01/18 23:03	1
Carbon disulfide	0.237	J	1.0	0.19	ug/L			03/01/18 23:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/01/18 23:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/01/18 23:03	1
Chloroethane	ND		1.0	0.32	ug/L			03/01/18 23:03	1
Chloroform	ND		1.0	0.34	ug/L			03/01/18 23:03	1
Chloromethane	ND		1.0	0.35	ug/L			03/01/18 23:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/01/18 23:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/01/18 23:03	1
Cyclohexane	ND		1.0	0.18	ug/L			03/01/18 23:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/01/18 23:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/01/18 23:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/18 23:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/18 23:03	1
Methyl acetate	ND		2.5	1.3	ug/L			03/01/18 23:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/18 23:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/01/18 23:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/01/18 23:03	1
Styrene	ND		1.0	0.73	ug/L			03/01/18 23:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/01/18 23:03	1
Toluene	ND		1.0	0.51	ug/L			03/01/18 23:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/18 23:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/18 23:03	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/18 23:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/18 23:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/18 23:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/18 23:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*03/01/18 23:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/01/18 23:03*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/01/18 23:03*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/01/18 23:03*	*1*

Lab Sample ID: LCS 480-402162/4
Matrix: Water
Analysis Batch: 402162

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.9		ug/L		107	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.8		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	76 - 122
1,1-Dichloroethane	25.0	25.4		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	24.8		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	28.1		ug/L		113	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.6		ug/L		114	56 - 134
1,2-Dibromoethane	25.0	27.3		ug/L		109	77 - 120
1,2-Dichlorobenzene	25.0	27.7		ug/L		111	80 - 124
1,2-Dichloroethane	25.0	24.2		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	28.8		ug/L		115	77 - 120
1,4-Dichlorobenzene	25.0	28.1		ug/L		113	80 - 120
2-Butanone (MEK)	125	225	*	ug/L		180	57 - 140
2-Hexanone	125	198	*	ug/L		159	65 - 127
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		106	71 - 125
Acetone	125	158		ug/L		126	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	24.7		ug/L		99	80 - 122
Bromoform	25.0	28.1		ug/L		112	61 - 132
Bromomethane	25.0	21.8		ug/L		87	55 - 144
Carbon disulfide	25.0	26.4		ug/L		105	59 - 134
Carbon tetrachloride	25.0	26.8		ug/L		107	72 - 134
Chlorobenzene	25.0	28.6		ug/L		114	80 - 120
Chloroethane	25.0	22.4		ug/L		90	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	21.4		ug/L		86	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	27.3		ug/L		109	59 - 135
Dibromochloromethane	25.0	27.7		ug/L		111	75 - 125
Dichlorodifluoromethane	25.0	21.2		ug/L		85	59 - 135
Ethylbenzene	25.0	29.2		ug/L		117	77 - 123
Isopropylbenzene	25.0	28.9		ug/L		116	77 - 122
Methyl acetate	50.0	47.1		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	23.9		ug/L		95	77 - 120
Methylcyclohexane	25.0	27.9		ug/L		112	68 - 134
Methylene Chloride	25.0	24.1		ug/L		96	75 - 124
Styrene	25.0	29.0		ug/L		116	80 - 120
Tetrachloroethene	25.0	30.6		ug/L		122	74 - 122
Toluene	25.0	28.8		ug/L		115	80 - 122
trans-1,2-Dichloroethene	25.0	24.9		ug/L		100	73 - 127

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

Lab Sample ID: LCS 480-402162/4
Matrix: Water
Analysis Batch: 402162

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	28.2		ug/L		113	80 - 120		
Trichloroethene			25.0	25.8		ug/L		103	74 - 123		
Trichlorofluoromethane			25.0	21.9		ug/L		87	62 - 150		
Vinyl chloride			25.0	22.4		ug/L		90	65 - 133		
Xylenes, Total			50.0	57.6		ug/L		115	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*87*		*75 - 123*

Lab Sample ID: 480-131949-8 MS
Matrix: Ground Water
Analysis Batch: 402162

Client Sample ID: BCC Area C -MW-C04 MS_0218
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane	ND		125	140		ug/L		112	73 - 126		
1,1,2,2-Tetrachloroethane	ND		125	130		ug/L		104	76 - 120		
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	131		ug/L		105	61 - 148		
1,1,2-Trichloroethane	ND		125	130		ug/L		104	76 - 122		
1,1-Dichloroethane	ND		125	138		ug/L		110	77 - 120		
1,1-Dichloroethene	ND		125	130		ug/L		104	66 - 127		
1,2,4-Trichlorobenzene	ND		125	130		ug/L		104	79 - 122		
1,2-Dibromo-3-Chloropropane	ND		125	125		ug/L		100	56 - 134		
1,2-Dibromoethane	ND		125	129		ug/L		103	77 - 120		
1,2-Dichlorobenzene	4.6	J	125	135		ug/L		104	80 - 124		
1,2-Dichloroethane	ND		125	133		ug/L		106	75 - 120		
1,2-Dichloropropane	ND		125	139		ug/L		111	76 - 120		
1,3-Dichlorobenzene	24		125	156		ug/L		106	77 - 120		
1,4-Dichlorobenzene	41		125	169		ug/L		103	78 - 124		
2-Butanone (MEK)	ND	*	625	610		ug/L		98	57 - 140		
2-Hexanone	ND	*	625	614		ug/L		98	65 - 127		
4-Methyl-2-pentanone (MIBK)	ND		625	631		ug/L		101	71 - 125		
Acetone	ND		625	581		ug/L		93	56 - 142		
Benzene	ND		125	138		ug/L		111	71 - 124		
Bromodichloromethane	ND		125	137		ug/L		110	80 - 122		
Bromoform	ND		125	133		ug/L		106	61 - 132		
Bromomethane	ND		125	137		ug/L		110	55 - 144		
Carbon disulfide	ND		125	136		ug/L		109	59 - 134		
Carbon tetrachloride	ND		125	142		ug/L		114	72 - 134		
Chlorobenzene	280		125	396		ug/L		90	80 - 120		
Chloroethane	ND		125	143		ug/L		114	69 - 136		
Chloroform	ND		125	138		ug/L		110	73 - 127		
Chloromethane	ND		125	136		ug/L		108	68 - 124		
cis-1,2-Dichloroethene	ND		125	134		ug/L		108	74 - 124		
cis-1,3-Dichloropropene	ND		125	133		ug/L		107	74 - 124		

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

Lab Sample ID: 480-131949-8 MS
Matrix: Ground Water
Analysis Batch: 402162

Client Sample ID: BCC Area C -MW-C04 MS_0218
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		125	136		ug/L		108	59 - 135
Dibromochloromethane	ND		125	131		ug/L		104	75 - 125
Dichlorodifluoromethane	ND		125	126		ug/L		101	59 - 135
Ethylbenzene	ND		125	136		ug/L		109	77 - 123
Isopropylbenzene	ND		125	135		ug/L		108	77 - 122
Methyl acetate	ND		250	252		ug/L		101	74 - 133
Methyl tert-butyl ether	ND		125	129		ug/L		103	77 - 120
Methylcyclohexane	ND		125	130		ug/L		104	68 - 134
Methylene Chloride	ND		125	128		ug/L		102	75 - 124
Styrene	ND		125	137		ug/L		109	80 - 120
Tetrachloroethene	ND		125	132		ug/L		105	74 - 122
Toluene	ND		125	134		ug/L		107	80 - 122
trans-1,2-Dichloroethene	ND		125	133		ug/L		107	73 - 127
trans-1,3-Dichloropropene	ND		125	130		ug/L		104	80 - 120
Trichloroethene	ND		125	135		ug/L		108	74 - 123
Trichlorofluoromethane	ND		125	137		ug/L		110	62 - 150
Vinyl chloride	ND		125	141		ug/L		113	65 - 133
Xylenes, Total	ND		250	269		ug/L		108	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

Lab Sample ID: 480-131949-8 MSD
Matrix: Ground Water
Analysis Batch: 402162

Client Sample ID: BCC Area C -MW-C04 MSD_0218
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		125	138		ug/L		110	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		125	133		ug/L		107	76 - 120	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	131		ug/L		105	61 - 148	0	20
1,1,2-Trichloroethane	ND		125	131		ug/L		105	76 - 122	0	15
1,1-Dichloroethane	ND		125	137		ug/L		110	77 - 120	0	20
1,1-Dichloroethene	ND		125	130		ug/L		104	66 - 127	0	16
1,2,4-Trichlorobenzene	ND		125	132		ug/L		106	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND		125	128		ug/L		102	56 - 134	3	15
1,2-Dibromoethane	ND		125	128		ug/L		102	77 - 120	1	15
1,2-Dichlorobenzene	4.6	J	125	139		ug/L		107	80 - 124	3	20
1,2-Dichloroethane	ND		125	132		ug/L		106	75 - 120	1	20
1,2-Dichloropropane	ND		125	137		ug/L		110	76 - 120	1	20
1,3-Dichlorobenzene	24		125	160		ug/L		109	77 - 120	2	20
1,4-Dichlorobenzene	41		125	172		ug/L		105	78 - 124	2	20
2-Butanone (MEK)	ND	*	625	614		ug/L		98	57 - 140	1	20
2-Hexanone	ND	*	625	616		ug/L		99	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		625	640		ug/L		102	71 - 125	1	35

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

Lab Sample ID: 480-131949-8 MSD
Matrix: Ground Water
Analysis Batch: 402162

Client Sample ID: BCC Area C -MW-C04 MSD_0218
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		625	600		ug/L		96	56 - 142	3	15
Benzene	ND		125	137		ug/L		110	71 - 124	1	13
Bromodichloromethane	ND		125	134		ug/L		108	80 - 122	2	15
Bromoform	ND		125	131		ug/L		105	61 - 132	2	15
Bromomethane	ND		125	134		ug/L		107	55 - 144	2	15
Carbon disulfide	ND		125	137		ug/L		109	59 - 134	0	15
Carbon tetrachloride	ND		125	140		ug/L		112	72 - 134	2	15
Chlorobenzene	280		125	387		ug/L		83	80 - 120	2	25
Chloroethane	ND		125	139		ug/L		111	69 - 136	3	15
Chloroform	ND		125	137		ug/L		110	73 - 127	0	20
Chloromethane	ND		125	132		ug/L		106	68 - 124	3	15
cis-1,2-Dichloroethene	ND		125	134		ug/L		107	74 - 124	0	15
cis-1,3-Dichloropropene	ND		125	133		ug/L		106	74 - 124	0	15
Cyclohexane	ND		125	133		ug/L		106	59 - 135	2	20
Dibromochloromethane	ND		125	130		ug/L		104	75 - 125	0	15
Dichlorodifluoromethane	ND		125	120		ug/L		96	59 - 135	5	20
Ethylbenzene	ND		125	134		ug/L		108	77 - 123	1	15
Isopropylbenzene	ND		125	137		ug/L		110	77 - 122	1	20
Methyl acetate	ND		250	255		ug/L		102	74 - 133	1	20
Methyl tert-butyl ether	ND		125	130		ug/L		104	77 - 120	1	37
Methylcyclohexane	ND		125	128		ug/L		103	68 - 134	2	20
Methylene Chloride	ND		125	128		ug/L		102	75 - 124	0	15
Styrene	ND		125	134		ug/L		107	80 - 120	2	20
Tetrachloroethene	ND		125	131		ug/L		105	74 - 122	1	20
Toluene	ND		125	132		ug/L		106	80 - 122	1	15
trans-1,2-Dichloroethene	ND		125	131		ug/L		105	73 - 127	2	20
trans-1,3-Dichloropropene	ND		125	129		ug/L		103	80 - 120	0	15
Trichloroethene	ND		125	134		ug/L		107	74 - 123	0	16
Trichlorofluoromethane	ND		125	134		ug/L		107	62 - 150	2	20
Vinyl chloride	ND		125	139		ug/L		111	65 - 133	2	15
Xylenes, Total	ND		250	265		ug/L		106	76 - 122	1	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Lab Sample ID: MB 480-402214/7
Matrix: Water
Analysis Batch: 402214

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			03/02/18 11:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/02/18 11:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/02/18 11:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/02/18 11:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/02/18 11:34	1

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

Lab Sample ID: MB 480-402214/7
Matrix: Water
Analysis Batch: 402214

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			03/02/18 11:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/02/18 11:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/02/18 11:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/02/18 11:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/02/18 11:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/02/18 11:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/02/18 11:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/02/18 11:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/02/18 11:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/02/18 11:34	1
2-Hexanone	ND		5.0	1.2	ug/L			03/02/18 11:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/02/18 11:34	1
Acetone	ND		10	3.0	ug/L			03/02/18 11:34	1
Benzene	ND		1.0	0.41	ug/L			03/02/18 11:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/02/18 11:34	1
Bromoform	ND		1.0	0.26	ug/L			03/02/18 11:34	1
Bromomethane	ND		1.0	0.69	ug/L			03/02/18 11:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/02/18 11:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/02/18 11:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/02/18 11:34	1
Chloroethane	ND		1.0	0.32	ug/L			03/02/18 11:34	1
Chloroform	ND		1.0	0.34	ug/L			03/02/18 11:34	1
Chloromethane	ND		1.0	0.35	ug/L			03/02/18 11:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/02/18 11:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/02/18 11:34	1
Cyclohexane	ND		1.0	0.18	ug/L			03/02/18 11:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/02/18 11:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/02/18 11:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/02/18 11:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/02/18 11:34	1
Methyl acetate	ND		2.5	1.3	ug/L			03/02/18 11:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/02/18 11:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/02/18 11:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/02/18 11:34	1
Styrene	ND		1.0	0.73	ug/L			03/02/18 11:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/02/18 11:34	1
Toluene	ND		1.0	0.51	ug/L			03/02/18 11:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/02/18 11:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/02/18 11:34	1
Trichloroethene	ND		1.0	0.46	ug/L			03/02/18 11:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/02/18 11:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/02/18 11:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/02/18 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*03/02/18 11:34*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/02/18 11:34*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*03/02/18 11:34*	*1*

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

Lab Sample ID: MB 480-402214/7
Matrix: Water
Analysis Batch: 402214

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		75 - 123		03/02/18 11:34	1

Lab Sample ID: LCS 480-402214/5
Matrix: Water
Analysis Batch: 402214

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	24.7		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.4		ug/L		110	61 - 148
1,1,2-Trichloroethane	25.0	23.3		ug/L		93	76 - 122
1,1-Dichloroethane	25.0	24.7		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	24.5		ug/L		98	66 - 127
1,2,4-Trichlorobenzene	25.0	25.0		ug/L		100	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	18.4		ug/L		74	56 - 134
1,2-Dibromoethane	25.0	23.6		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.1		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	23.5		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	25.1		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 120
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
2-Hexanone	125	108		ug/L		86	65 - 127
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	112		ug/L		89	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	23.0		ug/L		92	80 - 122
Bromoform	25.0	21.4		ug/L		85	61 - 132
Bromomethane	25.0	24.7		ug/L		99	55 - 144
Carbon disulfide	25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	25.0	23.7		ug/L		95	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	80 - 120
Chloroethane	25.0	23.8		ug/L		95	69 - 136
Chloroform	25.0	23.1		ug/L		92	73 - 127
Chloromethane	25.0	22.8		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	23.9		ug/L		96	74 - 124
Cyclohexane	25.0	25.2		ug/L		101	59 - 135
Dibromochloromethane	25.0	21.7		ug/L		87	75 - 125
Dichlorodifluoromethane	25.0	20.7		ug/L		83	59 - 135
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
Isopropylbenzene	25.0	23.6		ug/L		94	77 - 122
Methyl acetate	50.0	44.8		ug/L		90	74 - 133
Methyl tert-butyl ether	25.0	24.2		ug/L		97	77 - 120
Methylcyclohexane	25.0	24.6		ug/L		98	68 - 134
Methylene Chloride	25.0	23.7		ug/L		95	75 - 124
Styrene	25.0	24.1		ug/L		97	80 - 120

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

Lab Sample ID: LCS 480-402214/5
Matrix: Water
Analysis Batch: 402214

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	26.9		ug/L		107	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	22.7		ug/L		91	80 - 120
Trichloroethene	25.0	24.6		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	24.2		ug/L		97	62 - 150
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133
Xylenes, Total	50.0	47.9		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

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

Lab Sample ID: MB 480-402169/1-A
Matrix: Water
Analysis Batch: 402367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 402169

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 14:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/02/18 07:23	03/04/18 14:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 14:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/02/18 07:23	03/04/18 14:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 14:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 14:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 14:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 14:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/02/18 07:23	03/04/18 14:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/02/18 07:23	03/04/18 14:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 14:32	1
2-Nitroaniline	ND		10	0.42	ug/L		03/02/18 07:23	03/04/18 14:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/02/18 07:23	03/04/18 14:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 14:32	1
3-Nitroaniline	ND		10	0.48	ug/L		03/02/18 07:23	03/04/18 14:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 14:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 14:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/02/18 07:23	03/04/18 14:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 14:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 14:32	1
4-Methylphenol	ND		10	0.36	ug/L		03/02/18 07:23	03/04/18 14:32	1
4-Nitroaniline	ND		10	0.25	ug/L		03/02/18 07:23	03/04/18 14:32	1
4-Nitrophenol	ND		10	1.5	ug/L		03/02/18 07:23	03/04/18 14:32	1
Acenaphthene	ND		5.0	0.41	ug/L		03/02/18 07:23	03/04/18 14:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/02/18 07:23	03/04/18 14:32	1
Acetophenone	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 14:32	1

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

Lab Sample ID: MB 480-402169/1-A
Matrix: Water
Analysis Batch: 402367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 402169

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		03/02/18 07:23	03/04/18 14:32	1
Anthracene	ND		5.0	0.28	ug/L		03/02/18 07:23	03/04/18 14:32	1
Atrazine	ND		5.0	0.46	ug/L		03/02/18 07:23	03/04/18 14:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/02/18 07:23	03/04/18 14:32	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 14:32	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 14:32	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 14:32	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 14:32	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/02/18 07:23	03/04/18 14:32	1
Biphenyl	ND		5.0	0.65	ug/L		03/02/18 07:23	03/04/18 14:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/02/18 07:23	03/04/18 14:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/02/18 07:23	03/04/18 14:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 14:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 14:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/02/18 07:23	03/04/18 14:32	1
Caprolactam	ND		5.0	2.2	ug/L		03/02/18 07:23	03/04/18 14:32	1
Carbazole	ND		5.0	0.30	ug/L		03/02/18 07:23	03/04/18 14:32	1
Chrysene	ND		5.0	0.33	ug/L		03/02/18 07:23	03/04/18 14:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/02/18 07:23	03/04/18 14:32	1
Dibenzofuran	ND		10	0.51	ug/L		03/02/18 07:23	03/04/18 14:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/02/18 07:23	03/04/18 14:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 14:32	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/02/18 07:23	03/04/18 14:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 14:32	1
Fluoranthene	ND		5.0	0.40	ug/L		03/02/18 07:23	03/04/18 14:32	1
Fluorene	ND		5.0	0.36	ug/L		03/02/18 07:23	03/04/18 14:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 14:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/02/18 07:23	03/04/18 14:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 14:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/02/18 07:23	03/04/18 14:32	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/02/18 07:23	03/04/18 14:32	1
Isophorone	ND		5.0	0.43	ug/L		03/02/18 07:23	03/04/18 14:32	1
Naphthalene	ND		5.0	0.76	ug/L		03/02/18 07:23	03/04/18 14:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/02/18 07:23	03/04/18 14:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/02/18 07:23	03/04/18 14:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/02/18 07:23	03/04/18 14:32	1
Pentachlorophenol	ND		10	2.2	ug/L		03/02/18 07:23	03/04/18 14:32	1
Phenanthrene	ND		5.0	0.44	ug/L		03/02/18 07:23	03/04/18 14:32	1
Phenol	ND		5.0	0.39	ug/L		03/02/18 07:23	03/04/18 14:32	1
Pyrene	ND		5.0	0.34	ug/L		03/02/18 07:23	03/04/18 14:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*41 - 120*	*03/02/18 07:23*	*03/04/18 14:32*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*03/02/18 07:23*	*03/04/18 14:32*	*1*
2-Fluorophenol	*70*		*35 - 120*	*03/02/18 07:23*	*03/04/18 14:32*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*03/02/18 07:23*	*03/04/18 14:32*	*1*
Phenol-d5	*51*		*22 - 120*	*03/02/18 07:23*	*03/04/18 14:32*	*1*
p-Terphenyl-d14	*118*		*59 - 136*	*03/02/18 07:23*	*03/04/18 14:32*	*1*

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

TestAmerica Job ID: 480-131949-1

Lab Sample ID: LCS 480-402169/2-A
Matrix: Water
Analysis Batch: 402367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 402169

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	31.1		ug/L		97	65 - 126
2,4,6-Trichlorophenol	32.0	30.7		ug/L		96	64 - 120
2,4-Dichlorophenol	32.0	29.8		ug/L		93	63 - 120
2,4-Dimethylphenol	32.0	30.7		ug/L		96	47 - 120
2,4-Dinitrophenol	64.0	65.6		ug/L		103	31 - 137
2,4-Dinitrotoluene	32.0	32.8		ug/L		102	69 - 120
2,6-Dinitrotoluene	32.0	32.3		ug/L		101	68 - 120
2-Chloronaphthalene	32.0	27.9		ug/L		87	58 - 120
2-Chlorophenol	32.0	28.4		ug/L		89	48 - 120
2-Methylnaphthalene	32.0	27.8		ug/L		87	59 - 120
2-Methylphenol	32.0	28.6		ug/L		89	39 - 120
2-Nitroaniline	32.0	30.5		ug/L		95	54 - 127
2-Nitrophenol	32.0	30.0		ug/L		94	52 - 125
3,3'-Dichlorobenzidine	64.0	62.3		ug/L		97	49 - 135
3-Nitroaniline	32.0	25.1		ug/L		78	51 - 120
4,6-Dinitro-2-methylphenol	64.0	65.9		ug/L		103	46 - 136
4-Bromophenyl phenyl ether	32.0	32.7		ug/L		102	65 - 120
4-Chloro-3-methylphenol	32.0	30.7		ug/L		96	61 - 123
4-Chloroaniline	32.0	23.9		ug/L		75	30 - 120
4-Chlorophenyl phenyl ether	32.0	31.1		ug/L		97	62 - 120
4-Methylphenol	32.0	27.2		ug/L		85	29 - 131
4-Nitroaniline	32.0	29.0		ug/L		91	65 - 120
4-Nitrophenol	64.0	57.0		ug/L		89	45 - 120
Acenaphthene	32.0	29.0		ug/L		91	60 - 120
Acenaphthylene	32.0	29.7		ug/L		93	63 - 120
Acetophenone	32.0	29.1		ug/L		91	45 - 120
Aniline	32.0	20.6		ug/L		65	12 - 120
Anthracene	32.0	31.9		ug/L		100	67 - 120
Atrazine	64.0	73.9		ug/L		116	71 - 130
Benzaldehyde	64.0	45.9		ug/L		72	10 - 140
Benzo(a)anthracene	32.0	35.6		ug/L		111	70 - 121
Benzo(a)pyrene	32.0	32.1		ug/L		100	60 - 123
Benzo(b)fluoranthene	32.0	32.2		ug/L		100	66 - 126
Benzo(g,h,i)perylene	32.0	34.3		ug/L		107	66 - 150
Benzo(k)fluoranthene	32.0	32.9		ug/L		103	65 - 124
Biphenyl	32.0	28.5		ug/L		89	59 - 120
bis (2-chloroisopropyl) ether	32.0	29.2		ug/L		91	21 - 136
Bis(2-chloroethoxy)methane	32.0	28.8		ug/L		90	50 - 128
Bis(2-chloroethyl)ether	32.0	26.4		ug/L		83	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.3		ug/L		114	63 - 139
Butyl benzyl phthalate	32.0	35.8		ug/L		112	70 - 129
Caprolactam	64.0	27.1		ug/L		42	22 - 120
Carbazole	32.0	31.8		ug/L		99	66 - 123
Chrysene	32.0	34.5		ug/L		108	69 - 120
Dibenz(a,h)anthracene	32.0	33.8		ug/L		106	65 - 135
Dibenzofuran	32.0	29.7		ug/L		93	66 - 120
Diethyl phthalate	32.0	33.1		ug/L		103	59 - 127
Dimethyl phthalate	32.0	32.0		ug/L		100	68 - 120
Di-n-butyl phthalate	32.0	34.8		ug/L		109	69 - 131
Di-n-octyl phthalate	32.0	36.5		ug/L		114	63 - 140

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

Lab Sample ID: LCS 480-402169/2-A
Matrix: Water
Analysis Batch: 402367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 402169

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	32.0	33.9		ug/L		106	69 - 126
Fluorene	32.0	30.4		ug/L		95	66 - 120
Hexachlorobenzene	32.0	31.6		ug/L		99	61 - 120
Hexachlorobutadiene	32.0	25.2		ug/L		79	35 - 120
Hexachlorocyclopentadiene	32.0	19.8		ug/L		62	31 - 120
Hexachloroethane	32.0	23.7		ug/L		74	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	34.0		ug/L		106	69 - 146
Isophorone	32.0	30.9		ug/L		96	55 - 120
Naphthalene	32.0	27.1		ug/L		85	57 - 120
Nitrobenzene	32.0	29.8		ug/L		93	53 - 123
N-Nitrosodi-n-propylamine	32.0	27.6		ug/L		86	32 - 140
N-Nitrosodiphenylamine	32.0	31.3		ug/L		98	61 - 120
Pentachlorophenol	64.0	60.2		ug/L		94	29 - 136
Phenanthrene	32.0	31.1		ug/L		97	68 - 120
Phenol	32.0	20.3		ug/L		63	17 - 120
Pyrene	32.0	35.7		ug/L		111	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*105*		*41 - 120*
2-Fluorobiphenyl	*93*		*48 - 120*
2-Fluorophenol	*78*		*35 - 120*
Nitrobenzene-d5	*88*		*46 - 120*
Phenol-d5	*62*		*22 - 120*
p-Terphenyl-d14	*111*		*59 - 136*

Lab Sample ID: 480-131949-8 MS
Matrix: Ground Water
Analysis Batch: 402367

Client Sample ID: BCC Area C -MW-C04 MS_0218
Prep Type: Total/NA
Prep Batch: 402169

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	27.7		ug/L		87	64 - 120
2,4-Dichlorophenol	ND		32.0	28.3		ug/L		88	48 - 132
2,4-Dimethylphenol	ND		32.0	28.0		ug/L		88	39 - 130
2,4-Dinitrophenol	ND		64.0	75.7		ug/L		118	21 - 150
2,4-Dinitrotoluene	ND		32.0	33.7		ug/L		105	54 - 138
2,6-Dinitrotoluene	ND		32.0	32.4		ug/L		101	17 - 150
2-Chloronaphthalene	ND		32.0	26.6		ug/L		83	52 - 124
2-Chlorophenol	ND		32.0	26.3		ug/L		82	48 - 120
2-Methylnaphthalene	ND		32.0	27.4		ug/L		86	34 - 140
2-Methylphenol	ND		32.0	25.7		ug/L		80	46 - 120
2-Nitroaniline	ND		32.0	29.5	J	ug/L		92	44 - 136
2-Nitrophenol	ND		32.0	30.5		ug/L		95	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	25.6		ug/L		40	10 - 150
3-Nitroaniline	ND		32.0	28.6	J	ug/L		90	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	77.1		ug/L		120	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	33.4		ug/L		104	63 - 126
4-Chloro-3-methylphenol	ND		32.0	30.3		ug/L		95	64 - 127

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

Lab Sample ID: 480-131949-8 MS
Matrix: Ground Water
Analysis Batch: 402367

Client Sample ID: BCC Area C -MW-C04 MS_0218
Prep Type: Total/NA
Prep Batch: 402169

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	ND		32.0	22.8	J	ug/L		71	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	30.1		ug/L		94	61 - 120
4-Methylphenol	ND		32.0	25.1	J	ug/L		78	36 - 120
4-Nitroaniline	ND		32.0	29.2	J	ug/L		91	32 - 150
4-Nitrophenol	ND		64.0	52.6		ug/L		82	23 - 132
Acenaphthene	ND		32.0	27.7		ug/L		87	48 - 120
Acenaphthylene	ND		32.0	28.4		ug/L		89	63 - 120
Acetophenone	ND		32.0	27.0		ug/L		84	53 - 120
Aniline	ND		32.0	19.8	J	ug/L		62	32 - 120
Anthracene	ND		32.0	31.6		ug/L		99	65 - 122
Atrazine	ND		64.0	67.8		ug/L		106	50 - 150
Benzaldehyde	ND		64.0	41.8		ug/L		65	10 - 150
Benzo(a)anthracene	ND		32.0	33.1		ug/L		104	43 - 124
Benzo(a)pyrene	ND		32.0	29.1		ug/L		91	23 - 125
Benzo(b)fluoranthene	ND		32.0	29.1		ug/L		91	27 - 127
Benzo(g,h,i)perylene	ND		32.0	30.2		ug/L		94	16 - 147
Benzo(k)fluoranthene	ND		32.0	28.0		ug/L		87	20 - 124
Biphenyl	ND		32.0	27.7		ug/L		87	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	27.5		ug/L		86	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	27.1		ug/L		85	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	26.2		ug/L		82	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	34.0		ug/L		106	16 - 150
Butyl benzyl phthalate	ND		32.0	35.6		ug/L		111	51 - 140
Caprolactam	ND		64.0	27.1		ug/L		42	10 - 120
Carbazole	ND		32.0	33.9		ug/L		106	16 - 148
Chrysene	ND		32.0	32.5		ug/L		101	44 - 122
Dibenz(a,h)anthracene	ND		32.0	29.6		ug/L		92	16 - 139
Dibenzofuran	ND		32.0	29.0	J	ug/L		91	60 - 120
Diethyl phthalate	ND		32.0	31.2		ug/L		97	53 - 133
Dimethyl phthalate	ND		32.0	31.5		ug/L		98	59 - 123
Di-n-butyl phthalate	ND		32.0	35.0		ug/L		109	65 - 129
Di-n-octyl phthalate	ND		32.0	34.5		ug/L		108	16 - 150
Fluoranthene	ND		32.0	33.6		ug/L		105	63 - 129
Fluorene	ND		32.0	29.2		ug/L		91	62 - 120
Hexachlorobenzene	ND		32.0	30.5		ug/L		95	57 - 121
Hexachlorobutadiene	ND		32.0	24.1	J	ug/L		75	37 - 120
Hexachlorocyclopentadiene	ND		32.0	20.4	J	ug/L		64	21 - 120
Hexachloroethane	ND		32.0	21.5	J	ug/L		67	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	29.6		ug/L		92	16 - 140
Isophorone	ND		32.0	28.8		ug/L		90	48 - 133
Naphthalene	ND		32.0	26.4		ug/L		83	45 - 120
Nitrobenzene	ND		32.0	27.4		ug/L		86	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	26.3		ug/L		82	49 - 120
N-Nitrosodiphenylamine	ND		32.0	32.1		ug/L		100	39 - 138
Pentachlorophenol	ND		64.0	60.9		ug/L		95	23 - 149
Phenanthrene	ND		32.0	31.5		ug/L		99	65 - 122
Phenol	ND		32.0	17.2	J	ug/L		54	16 - 120
Pyrene	ND		32.0	34.5		ug/L		108	58 - 128

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

Lab Sample ID: 480-131949-8 MS
Matrix: Ground Water
Analysis Batch: 402367

Client Sample ID: BCC Area C -MW-C04 MS_0218
Prep Type: Total/NA
Prep Batch: 402169

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	*107*		*41 - 120*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol	*68*		*35 - 120*
Nitrobenzene-d5	*87*		*46 - 120*
Phenol-d5	*52*		*22 - 120*
p-Terphenyl-d14	*86*		*59 - 136*

Lab Sample ID: 480-131949-8 MSD
Matrix: Ground Water
Analysis Batch: 402367

Client Sample ID: BCC Area C -MW-C04 MSD_0218
Prep Type: Total/NA
Prep Batch: 402169

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	32.0		ug/L		100	65 - 126	3	18
2,4,6-Trichlorophenol	ND		32.0	28.9		ug/L		90	64 - 120	4	19
2,4-Dichlorophenol	ND		32.0	29.5		ug/L		92	48 - 132	4	19
2,4-Dimethylphenol	ND		32.0	28.9		ug/L		90	39 - 130	3	42
2,4-Dinitrophenol	ND		64.0	72.2		ug/L		113	21 - 150	5	22
2,4-Dinitrotoluene	ND		32.0	32.7		ug/L		102	54 - 138	3	20
2,6-Dinitrotoluene	ND		32.0	32.0		ug/L		100	17 - 150	1	15
2-Chloronaphthalene	ND		32.0	27.3		ug/L		85	52 - 124	3	21
2-Chlorophenol	ND		32.0	28.3		ug/L		89	48 - 120	7	25
2-Methylnaphthalene	ND		32.0	28.4		ug/L		89	34 - 140	3	21
2-Methylphenol	ND		32.0	27.4		ug/L		86	46 - 120	6	27
2-Nitroaniline	ND		32.0	30.4	J	ug/L		95	44 - 136	3	15
2-Nitrophenol	ND		32.0	31.3		ug/L		98	38 - 141	2	18
3,3'-Dichlorobenzidine	ND		64.0	22.8	J	ug/L		36	10 - 150	11	25
3-Nitroaniline	ND		32.0	28.1	J	ug/L		88	32 - 150	2	19
4,6-Dinitro-2-methylphenol	ND		64.0	77.9		ug/L		122	38 - 150	1	15
4-Bromophenyl phenyl ether	ND		32.0	32.6		ug/L		102	63 - 126	2	15
4-Chloro-3-methylphenol	ND		32.0	30.4		ug/L		95	64 - 127	0	27
4-Chloroaniline	ND		32.0	23.6	J	ug/L		74	16 - 124	3	22
4-Chlorophenyl phenyl ether	ND		32.0	31.1		ug/L		97	61 - 120	3	16
4-Methylphenol	ND		32.0	27.0	J	ug/L		84	36 - 120	7	24
4-Nitroaniline	ND		32.0	29.4	J	ug/L		92	32 - 150	1	24
4-Nitrophenol	ND		64.0	49.2	J	ug/L		77	23 - 132	7	48
Acenaphthene	ND		32.0	28.1		ug/L		88	48 - 120	1	24
Acenaphthylene	ND		32.0	29.4		ug/L		92	63 - 120	4	18
Acetophenone	ND		32.0	28.0		ug/L		88	53 - 120	4	20
Aniline	ND		32.0	21.6	J	ug/L		67	32 - 120	9	30
Anthracene	ND		32.0	33.0		ug/L		103	65 - 122	4	15
Atrazine	ND		64.0	68.6		ug/L		107	50 - 150	1	20
Benzaldehyde	ND		64.0	44.1		ug/L		69	10 - 150	5	20
Benzo(a)anthracene	ND		32.0	32.9		ug/L		103	43 - 124	1	15
Benzo(a)pyrene	ND		32.0	28.8		ug/L		90	23 - 125	1	15
Benzo(b)fluoranthene	ND		32.0	28.5		ug/L		89	27 - 127	2	15
Benzo(g,h,i)perylene	ND		32.0	29.9		ug/L		93	16 - 147	1	15
Benzo(k)fluoranthene	ND		32.0	27.8		ug/L		87	20 - 124	0	22
Biphenyl	ND		32.0	28.3		ug/L		89	57 - 120	2	20

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

Lab Sample ID: 480-131949-8 MSD
Matrix: Ground Water
Analysis Batch: 402367

Client Sample ID: BCC Area C -MW-C04 MSD_0218
Prep Type: Total/NA
Prep Batch: 402169

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	28.2		ug/L		88	28 - 121	3	24
Bis(2-chloroethoxy)methane	ND		32.0	28.9		ug/L		90	44 - 128	6	17
Bis(2-chloroethyl)ether	ND		32.0	27.1		ug/L		85	45 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		32.0	34.4		ug/L		108	16 - 150	1	15
Butyl benzyl phthalate	ND		32.0	34.4		ug/L		108	51 - 140	3	16
Caprolactam	ND		64.0	27.6		ug/L		43	10 - 120	2	20
Carbazole	ND		32.0	33.3		ug/L		104	16 - 148	2	20
Chrysene	ND		32.0	31.9		ug/L		100	44 - 122	2	15
Dibenz(a,h)anthracene	ND		32.0	29.5		ug/L		92	16 - 139	0	15
Dibenzofuran	ND		32.0	30.1	J	ug/L		94	60 - 120	4	15
Diethyl phthalate	ND		32.0	31.9		ug/L		100	53 - 133	2	15
Dimethyl phthalate	ND		32.0	31.4		ug/L		98	59 - 123	0	15
Di-n-butyl phthalate	ND		32.0	35.3		ug/L		110	65 - 129	1	15
Di-n-octyl phthalate	ND		32.0	35.6		ug/L		111	16 - 150	3	16
Fluoranthene	ND		32.0	33.8		ug/L		106	63 - 129	1	15
Fluorene	ND		32.0	29.9		ug/L		93	62 - 120	2	15
Hexachlorobenzene	ND		32.0	32.0		ug/L		100	57 - 121	5	15
Hexachlorobutadiene	ND		32.0	26.8		ug/L		84	37 - 120	11	44
Hexachlorocyclopentadiene	ND		32.0	21.3	J	ug/L		67	21 - 120	4	49
Hexachloroethane	ND		32.0	24.0	J	ug/L		75	16 - 130	11	46
Indeno(1,2,3-cd)pyrene	ND		32.0	29.7		ug/L		93	16 - 140	0	15
Isophorone	ND		32.0	29.7		ug/L		93	48 - 133	3	17
Naphthalene	ND		32.0	27.1		ug/L		85	45 - 120	3	29
Nitrobenzene	ND		32.0	29.7		ug/L		93	45 - 123	8	24
N-Nitrosodi-n-propylamine	ND		32.0	26.7		ug/L		84	49 - 120	2	31
N-Nitrosodiphenylamine	ND		32.0	31.8		ug/L		99	39 - 138	1	15
Pentachlorophenol	ND		64.0	63.4		ug/L		99	23 - 149	4	37
Phenanthrene	ND		32.0	31.4		ug/L		98	65 - 122	0	15
Phenol	ND		32.0	18.3	J	ug/L		57	16 - 120	6	34
Pyrene	ND		32.0	33.8		ug/L		106	58 - 128	2	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*111*		*41 - 120*
2-Fluorobiphenyl	*90*		*48 - 120*
2-Fluorophenol	*71*		*35 - 120*
Nitrobenzene-d5	*89*		*46 - 120*
Phenol-d5	*57*		*22 - 120*
p-Terphenyl-d14	*82*		*59 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-402057/1-A
Matrix: Water
Analysis Batch: 402445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 402057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/02/18 09:16	03/02/18 15:09	1
Antimony	ND		0.020	0.0068	mg/L		03/02/18 09:16	03/02/18 15:09	1

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

Lab Sample ID: MB 480-402057/1-A
Matrix: Water
Analysis Batch: 402445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 402057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		03/02/18 09:16	03/02/18 15:09	1
Barium	ND		0.0020	0.00070	mg/L		03/02/18 09:16	03/02/18 15:09	1
Beryllium	ND		0.0020	0.00030	mg/L		03/02/18 09:16	03/02/18 15:09	1
Cadmium	ND		0.0020	0.00050	mg/L		03/02/18 09:16	03/02/18 15:09	1
Calcium	ND		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:09	1
Chromium	ND		0.0040	0.0010	mg/L		03/02/18 09:16	03/02/18 15:09	1
Cobalt	ND		0.0040	0.00063	mg/L		03/02/18 09:16	03/02/18 15:09	1
Copper	ND		0.010	0.0016	mg/L		03/02/18 09:16	03/02/18 15:09	1
Iron	ND		0.050	0.019	mg/L		03/02/18 09:16	03/02/18 15:09	1
Lead	ND		0.010	0.0030	mg/L		03/02/18 09:16	03/02/18 15:09	1
Magnesium	ND		0.20	0.043	mg/L		03/02/18 09:16	03/02/18 15:09	1
Manganese	0.00135	J	0.0030	0.00040	mg/L		03/02/18 09:16	03/02/18 15:09	1
Nickel	ND		0.010	0.0013	mg/L		03/02/18 09:16	03/02/18 15:09	1
Potassium	ND		0.50	0.10	mg/L		03/02/18 09:16	03/02/18 15:09	1
Selenium	ND		0.025	0.0087	mg/L		03/02/18 09:16	03/02/18 15:09	1
Silver	ND		0.0060	0.0017	mg/L		03/02/18 09:16	03/02/18 15:09	1
Sodium	ND		1.0	0.32	mg/L		03/02/18 09:16	03/02/18 15:09	1
Thallium	ND		0.020	0.010	mg/L		03/02/18 09:16	03/02/18 15:09	1
Vanadium	ND		0.0050	0.0015	mg/L		03/02/18 09:16	03/02/18 15:09	1
Zinc	ND		0.010	0.0015	mg/L		03/02/18 09:16	03/02/18 15:09	1

Lab Sample ID: LCS 480-402057/2-A
Matrix: Water
Analysis Batch: 402445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 402057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.05		mg/L		101	80 - 120
Antimony	0.200	0.201		mg/L		100	80 - 120
Arsenic	0.200	0.206		mg/L		103	80 - 120
Barium	0.200	0.193		mg/L		97	80 - 120
Beryllium	0.200	0.200		mg/L		100	80 - 120
Cadmium	0.200	0.204		mg/L		102	80 - 120
Calcium	10.0	9.99		mg/L		100	80 - 120
Chromium	0.200	0.204		mg/L		102	80 - 120
Cobalt	0.200	0.191		mg/L		95	80 - 120
Copper	0.200	0.197		mg/L		99	80 - 120
Iron	10.0	10.00		mg/L		100	80 - 120
Lead	0.200	0.201		mg/L		101	80 - 120
Magnesium	10.0	10.27		mg/L		103	80 - 120
Manganese	0.200	0.205		mg/L		102	80 - 120
Nickel	0.200	0.197		mg/L		98	80 - 120
Potassium	10.0	9.68		mg/L		97	80 - 120
Selenium	0.200	0.195		mg/L		98	80 - 120
Silver	0.0500	0.0505		mg/L		101	80 - 120
Sodium	10.0	9.80		mg/L		98	80 - 120
Thallium	0.200	0.199		mg/L		99	80 - 120
Vanadium	0.200	0.198		mg/L		99	80 - 120
Zinc	0.200	0.202		mg/L		101	80 - 120

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

Lab Sample ID: 480-131949-8 MS
Matrix: Ground Water
Analysis Batch: 402445

Client Sample ID: BCC Area C -MW-C04 MS_0218
Prep Type: Total/NA
Prep Batch: 402057

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.11	J	10.0	10.22		mg/L		101	75 - 125
Antimony	ND		0.200	0.207		mg/L		104	75 - 125
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125
Barium	0.32		0.200	0.541		mg/L		109	75 - 125
Beryllium	ND		0.200	0.201		mg/L		101	75 - 125
Cadmium	ND		0.200	0.209		mg/L		104	75 - 125
Calcium	201		10.0	224.6	4	mg/L		239	75 - 125
Chromium	ND		0.200	0.205		mg/L		102	75 - 125
Cobalt	ND		0.200	0.194		mg/L		97	75 - 125
Copper	0.0036	J	0.200	0.204		mg/L		100	75 - 125
Iron	6.8		10.0	17.08		mg/L		103	75 - 125
Lead	ND		0.200	0.203		mg/L		102	75 - 125
Magnesium	27.4		10.0	39.84		mg/L		124	75 - 125
Manganese	0.85	B	0.200	1.11	4	mg/L		134	75 - 125
Nickel	ND		0.200	0.199		mg/L		100	75 - 125
Potassium	6.5		10.0	16.80		mg/L		103	75 - 125
Selenium	ND		0.200	0.203		mg/L		102	75 - 125
Silver	ND		0.0500	0.0516		mg/L		103	75 - 125
Sodium	28.1		10.0	40.28		mg/L		122	75 - 125
Thallium	ND		0.200	0.199		mg/L		100	75 - 125
Vanadium	ND		0.200	0.203		mg/L		101	75 - 125
Zinc	0.0048	J	0.200	0.203		mg/L		99	75 - 125

Lab Sample ID: 480-131949-8 MSD
Matrix: Ground Water
Analysis Batch: 402445

Client Sample ID: BCC Area C -MW-C04 MSD_0218
Prep Type: Total/NA
Prep Batch: 402057

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.11	J	10.0	10.22		mg/L		101	75 - 125	0	20
Antimony	ND		0.200	0.207		mg/L		104	75 - 125	0	20
Arsenic	ND		0.200	0.218		mg/L		109	75 - 125	2	20
Barium	0.32		0.200	0.527		mg/L		102	75 - 125	3	20
Beryllium	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Cadmium	ND		0.200	0.210		mg/L		105	75 - 125	0	20
Calcium	201		10.0	218.9	4	mg/L		182	75 - 125	3	20
Chromium	ND		0.200	0.203		mg/L		102	75 - 125	1	20
Cobalt	ND		0.200	0.194		mg/L		97	75 - 125	0	20
Copper	0.0036	J	0.200	0.214		mg/L		105	75 - 125	4	20
Iron	6.8		10.0	16.85		mg/L		101	75 - 125	1	20
Lead	ND		0.200	0.205		mg/L		102	75 - 125	1	20
Magnesium	27.4		10.0	38.84		mg/L		114	75 - 125	3	20
Manganese	0.85	B	0.200	1.09	4	mg/L		122	75 - 125	2	20
Nickel	ND		0.200	0.200		mg/L		100	75 - 125	0	20
Potassium	6.5		10.0	16.67		mg/L		102	75 - 125	1	20
Selenium	ND		0.200	0.206		mg/L		103	75 - 125	1	20
Silver	ND		0.0500	0.0511		mg/L		102	75 - 125	1	20
Sodium	28.1		10.0	39.42		mg/L		113	75 - 125	2	20
Thallium	ND		0.200	0.200		mg/L		100	75 - 125	0	20

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

Lab Sample ID: 480-131949-8 MSD — **Client Sample ID: BCC Area C -MW-C04 MSD_0218**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 402445 — **Prep Batch: 402057**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vanadium	ND		0.200	0.203		mg/L		101	75 - 125	0	20
Zinc	0.0048	J	0.200	0.206		mg/L		101	75 - 125	2	20

Lab Sample ID: MB 480-402409/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 402627 — **Prep Batch: 402409**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/05/18 09:20	03/05/18 21:48	1
Antimony	ND		0.020	0.0068	mg/L		03/05/18 09:20	03/05/18 21:48	1
Arsenic	ND		0.015	0.0056	mg/L		03/05/18 09:20	03/05/18 21:48	1
Barium	ND		0.0020	0.00070	mg/L		03/05/18 09:20	03/05/18 21:48	1
Beryllium	ND		0.0020	0.00030	mg/L		03/05/18 09:20	03/05/18 21:48	1
Cadmium	ND		0.0020	0.00050	mg/L		03/05/18 09:20	03/05/18 21:48	1
Calcium	ND		0.50	0.10	mg/L		03/05/18 09:20	03/05/18 21:48	1
Chromium	ND		0.0040	0.0010	mg/L		03/05/18 09:20	03/05/18 21:48	1
Cobalt	ND		0.0040	0.00063	mg/L		03/05/18 09:20	03/05/18 21:48	1
Copper	ND		0.010	0.0016	mg/L		03/05/18 09:20	03/05/18 21:48	1
Iron	ND		0.050	0.019	mg/L		03/05/18 09:20	03/05/18 21:48	1
Lead	ND		0.010	0.0030	mg/L		03/05/18 09:20	03/05/18 21:48	1
Magnesium	ND		0.20	0.043	mg/L		03/05/18 09:20	03/05/18 21:48	1
Manganese	ND		0.0030	0.00040	mg/L		03/05/18 09:20	03/05/18 21:48	1
Nickel	ND		0.010	0.0013	mg/L		03/05/18 09:20	03/05/18 21:48	1
Potassium	ND		0.50	0.10	mg/L		03/05/18 09:20	03/05/18 21:48	1
Selenium	ND		0.025	0.0087	mg/L		03/05/18 09:20	03/05/18 21:48	1
Silver	ND		0.0060	0.0017	mg/L		03/05/18 09:20	03/05/18 21:48	1
Sodium	ND		1.0	0.32	mg/L		03/05/18 09:20	03/05/18 21:48	1
Thallium	ND		0.020	0.010	mg/L		03/05/18 09:20	03/05/18 21:48	1
Vanadium	ND		0.0050	0.0015	mg/L		03/05/18 09:20	03/05/18 21:48	1
Zinc	ND		0.010	0.0015	mg/L		03/05/18 09:20	03/05/18 21:48	1

Lab Sample ID: LCS 480-402409/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 402627 — **Prep Batch: 402409**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.04		mg/L		100	80 - 120
Antimony	0.200	0.197		mg/L		99	80 - 120
Arsenic	0.200	0.207		mg/L		104	80 - 120
Barium	0.200	0.194		mg/L		97	80 - 120
Beryllium	0.200	0.197		mg/L		98	80 - 120
Cadmium	0.200	0.203		mg/L		101	80 - 120
Calcium	10.0	9.97		mg/L		100	80 - 120
Chromium	0.200	0.209		mg/L		104	80 - 120
Cobalt	0.200	0.191		mg/L		95	80 - 120
Copper	0.200	0.198		mg/L		99	80 - 120
Iron	10.0	9.71		mg/L		97	80 - 120
Lead	0.200	0.202		mg/L		101	80 - 120
Magnesium	10.0	10.09		mg/L		101	80 - 120

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

Lab Sample ID: LCS 480-402409/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 402627 — **Prep Batch: 402409**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.200	0.200		mg/L		100	80 - 120
Nickel	0.200	0.196		mg/L		98	80 - 120
Potassium	10.0	9.48		mg/L		95	80 - 120
Selenium	0.200	0.196		mg/L		98	80 - 120
Silver	0.0500	0.0515		mg/L		103	80 - 120
Sodium	10.0	9.71		mg/L		97	80 - 120
Thallium	0.200	0.199		mg/L		99	80 - 120
Vanadium	0.200	0.200		mg/L		100	80 - 120
Zinc	0.200	0.206		mg/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-402068/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 402159 — **Prep Batch: 402068**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/01/18 13:30	03/01/18 16:06	1

Lab Sample ID: LCS 480-402068/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 402159 — **Prep Batch: 402068**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00710		mg/L		106	80 - 120

Lab Sample ID: 480-131949-8 MS — **Client Sample ID: BCC Area C -MW-C04 MS_0218**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 402159 — **Prep Batch: 402068**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00673		mg/L		101	80 - 120

Lab Sample ID: 480-131949-8 MSD — **Client Sample ID: BCC Area C -MW-C04 MSD_0218**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 402159 — **Prep Batch: 402068**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00687		mg/L		103	80 - 120	2	20

Lab Sample ID: MB 480-402695/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 402776 — **Prep Batch: 402695**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/06/18 13:15	03/06/18 15:49	1

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

TestAmerica Job ID: 480-131949-1

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

Lab Sample ID: LCS 480-402695/2-A
Matrix: Water
Analysis Batch: 402776

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 402695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00730		mg/L		109	80 - 120

GC/MS VOA

Analysis Batch: 402162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-3	BCC Area C -PS-04_0218	Total/NA	Ground Water	8260C	
480-131949-4	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	8260C	
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	8260C	
480-131949-8	BCC Area C -MW-C04_0218	Total/NA	Ground Water	8260C	
480-131949-11	TRIP BLANK	Total/NA	Water	8260C	
MB 480-402162/7	Method Blank	Total/NA	Water	8260C	
LCS 480-402162/4	Lab Control Sample	Total/NA	Water	8260C	
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	Total/NA	Ground Water	8260C	
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	Total/NA	Ground Water	8260C	

Analysis Batch: 402214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-1	BCC Area C -MW-CO1_0218	Total/NA	Ground Water	8260C	
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	8260C	
480-131949-4 - DL	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	8260C	
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	8260C	
480-131949-6 - DL	BCC Area C -PS-05A_0218	Total/NA	Ground Water	8260C	
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	8260C	
MB 480-402214/7	Method Blank	Total/NA	Water	8260C	
LCS 480-402214/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 402169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-1	BCC Area C -MW-CO1_0218	Total/NA	Ground Water	3510C	
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	3510C	
480-131949-3	BCC Area C -PS-04_0218	Total/NA	Ground Water	3510C	
480-131949-4	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	3510C	
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	3510C	
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	3510C	
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	3510C	
480-131949-8	BCC Area C -MW-C04_0218	Total/NA	Ground Water	3510C	
MB 480-402169/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-402169/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	Total/NA	Ground Water	3510C	
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	Total/NA	Ground Water	3510C	

Analysis Batch: 402367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-1	BCC Area C -MW-CO1_0218	Total/NA	Ground Water	8270D	402169
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	8270D	402169
480-131949-3	BCC Area C -PS-04_0218	Total/NA	Ground Water	8270D	402169
480-131949-4	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	8270D	402169
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	8270D	402169
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	8270D	402169
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	8270D	402169
480-131949-8	BCC Area C -MW-C04_0218	Total/NA	Ground Water	8270D	402169
MB 480-402169/1-A	Method Blank	Total/NA	Water	8270D	402169
LCS 480-402169/2-A	Lab Control Sample	Total/NA	Water	8270D	402169

GC/MS Semi VOA (Continued)

Analysis Batch: 402367 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	Total/NA	Ground Water	8270D	402169
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	Total/NA	Ground Water	8270D	402169

Metals

Prep Batch: 402057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-1	BCC Area C -MW-CO1_0218	Total/NA	Ground Water	3005A	
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	3005A	
480-131949-3	BCC Area C -PS-04_0218	Total/NA	Ground Water	3005A	
480-131949-4	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	3005A	
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	3005A	
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	3005A	
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	3005A	
480-131949-8	BCC Area C -MW-C04_0218	Total/NA	Ground Water	3005A	
MB 480-402057/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-402057/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	Total/NA	Ground Water	3005A	
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	Total/NA	Ground Water	3005A	

Prep Batch: 402068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-1	BCC Area C -MW-CO1_0218	Total/NA	Ground Water	7470A	
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	7470A	
480-131949-3	BCC Area C -PS-04_0218	Total/NA	Ground Water	7470A	
480-131949-4	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	7470A	
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	7470A	
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	7470A	
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	7470A	
480-131949-8	BCC Area C -MW-C04_0218	Total/NA	Ground Water	7470A	
MB 480-402068/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-402068/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	Total/NA	Ground Water	7470A	
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	Total/NA	Ground Water	7470A	

Analysis Batch: 402159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-1	BCC Area C -MW-CO1_0218	Total/NA	Ground Water	7470A	402068
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	7470A	402068
480-131949-3	BCC Area C -PS-04_0218	Total/NA	Ground Water	7470A	402068
480-131949-4	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	7470A	402068
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	7470A	402068
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	7470A	402068
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	7470A	402068
480-131949-8	BCC Area C -MW-C04_0218	Total/NA	Ground Water	7470A	402068
MB 480-402068/1-A	Method Blank	Total/NA	Water	7470A	402068
LCS 480-402068/2-A	Lab Control Sample	Total/NA	Water	7470A	402068
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	Total/NA	Ground Water	7470A	402068
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	Total/NA	Ground Water	7470A	402068

Metals (Continued)

Prep Batch: 402409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-12	BCC Area C-RFI-20F	Total/NA	Water	3005A	
480-131949-13	BCC Area C-PS-05AF	Total/NA	Water	3005A	
MB 480-402409/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-402409/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 402445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-1	BCC Area C -MW-CO1_0218	Total/NA	Ground Water	6010C	402057
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	6010C	402057
480-131949-3	BCC Area C -PS-04_0218	Total/NA	Ground Water	6010C	402057
480-131949-4	BCC Area C-MW-C04 D_0218	Total/NA	Ground Water	6010C	402057
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	6010C	402057
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	6010C	402057
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	6010C	402057
480-131949-8	BCC Area C -MW-C04_0218	Total/NA	Ground Water	6010C	402057
MB 480-402057/1-A	Method Blank	Total/NA	Water	6010C	402057
LCS 480-402057/2-A	Lab Control Sample	Total/NA	Water	6010C	402057
480-131949-8 MS	BCC Area C -MW-C04 MS_0218	Total/NA	Ground Water	6010C	402057
480-131949-8 MSD	BCC Area C -MW-C04 MSD_0218	Total/NA	Ground Water	6010C	402057

Analysis Batch: 402510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-2	BCC Area C -RFI-31_0218	Total/NA	Ground Water	6010C	402057
480-131949-5	BCC Area C-RFI-20_0218	Total/NA	Ground Water	6010C	402057
480-131949-6	BCC Area C -PS-05A_0218	Total/NA	Ground Water	6010C	402057

Analysis Batch: 402622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-7	BCC Area C -PS-06_0218	Total/NA	Ground Water	6010C	402057

Analysis Batch: 402627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-12	BCC Area C-RFI-20F	Total/NA	Water	6010C	402409
480-131949-13	BCC Area C-PS-05AF	Total/NA	Water	6010C	402409
MB 480-402409/1-A	Method Blank	Total/NA	Water	6010C	402409
LCS 480-402409/2-A	Lab Control Sample	Total/NA	Water	6010C	402409

Prep Batch: 402695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-12	BCC Area C-RFI-20F	Total/NA	Water	7470A	
480-131949-13	BCC Area C-PS-05AF	Total/NA	Water	7470A	
MB 480-402695/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-402695/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 402776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-12	BCC Area C-RFI-20F	Total/NA	Water	7470A	402695
480-131949-13	BCC Area C-PS-05AF	Total/NA	Water	7470A	402695
MB 480-402695/1-A	Method Blank	Total/NA	Water	7470A	402695
LCS 480-402695/2-A	Lab Control Sample	Total/NA	Water	7470A	402695

Metals (Continued)

Analysis Batch: 402787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131949-12	BCC Area C-RFI-20F	Total/NA	Water	6010C	402409
480-131949-13	BCC Area C-PS-05AF	Total/NA	Water	6010C	402409

Client Sample ID: BCC Area C -MW-CO1_0218

Lab Sample ID: 480-131949-1

Date Collected: 02/27/18 11:20

Matrix: Ground Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	402214	03/02/18 12:56	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		1	402367	03/04/18 18:18	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:17	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:34	BMB	TAL BUF

Client Sample ID: BCC Area C -RFI-31_0218

Lab Sample ID: 480-131949-2

Date Collected: 02/27/18 12:18

Matrix: Ground Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	402214	03/02/18 13:19	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		1	402367	03/04/18 18:47	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:20	LMH	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		10	402510	03/05/18 10:28	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:35	BMB	TAL BUF

Client Sample ID: BCC Area C -PS-04_0218

Lab Sample ID: 480-131949-3

Date Collected: 02/27/18 13:25

Matrix: Ground Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	402162	03/02/18 01:04	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		1	402367	03/04/18 19:15	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:24	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:38	BMB	TAL BUF

Client Sample ID: BCC Area C-MW-C04 D_0218

Lab Sample ID: 480-131949-4

Date Collected: 02/27/18 09:50

Matrix: Ground Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	402162	03/02/18 01:29	RRS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-MW-C04 D_0218

Lab Sample ID: 480-131949-4

Date Collected: 02/27/18 09:50
Matrix: Ground Water
Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5	402214	03/02/18 13:43	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		1	402367	03/04/18 19:44	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:28	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:39	BMB	TAL BUF

Client Sample ID: BCC Area C-RFI-20_0218

Lab Sample ID: 480-131949-5

Date Collected: 02/27/18 08:20
Matrix: Ground Water
Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	402214	03/02/18 14:06	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		1	402367	03/04/18 20:12	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:31	LMH	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		2	402510	03/05/18 10:32	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:41	BMB	TAL BUF

Client Sample ID: BCC Area C -PS-05A_0218

Lab Sample ID: 480-131949-6

Date Collected: 02/27/18 09:05
Matrix: Ground Water
Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	402162	03/02/18 02:20	RRS	TAL BUF
Total/NA	Analysis	8260C	DL	4	402214	03/02/18 14:29	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		1	402367	03/04/18 20:41	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:35	LMH	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		2	402510	03/05/18 10:36	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:43	BMB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C -PS-06_0218

Lab Sample ID: 480-131949-7

Date Collected: 02/27/18 14:20

Matrix: Ground Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	402214	03/02/18 14:53	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		1	402367	03/04/18 21:10	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:39	LMH	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		5	402622	03/05/18 15:55	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:45	BMB	TAL BUF

Client Sample ID: BCC Area C -MW-C04_0218

Lab Sample ID: 480-131949-8

Date Collected: 02/27/18 10:05

Matrix: Ground Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	402162	03/02/18 03:11	RRS	TAL BUF
Total/NA	Prep	3510C			402169	03/02/18 07:23	SMP	TAL BUF
Total/NA	Analysis	8270D		5	402367	03/04/18 17:22	PJQ	TAL BUF
Total/NA	Prep	3005A			402057	03/02/18 09:16	JAK	TAL BUF
Total/NA	Analysis	6010C		1	402445	03/02/18 15:53	LMH	TAL BUF
Total/NA	Prep	7470A			402068	03/01/18 13:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	402159	03/01/18 16:47	BMB	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-131949-11

Date Collected: 02/27/18 00:00

Matrix: Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	402162	03/02/18 03:36	RRS	TAL BUF

Client Sample ID: BCC Area C-RFI-20F

Lab Sample ID: 480-131949-12

Date Collected: 02/28/18 08:25

Matrix: Water

Date Received: 02/28/18 17:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			402409	03/05/18 09:20	EMB	TAL BUF
Total/NA	Analysis	6010C		1	402627	03/05/18 21:55	LMH	TAL BUF
Total/NA	Prep	3005A			402409	03/05/18 09:20	EMB	TAL BUF
Total/NA	Analysis	6010C		2	402787	03/06/18 11:13	LMH	TAL BUF
Total/NA	Prep	7470A			402695	03/06/18 13:15	SMF	TAL BUF
Total/NA	Analysis	7470A		1	402776	03/06/18 15:55	BMB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-131949-1

Client Sample ID: BCC Area C-PS-05AF
Date Collected: 02/28/18 09:10
Date Received: 02/28/18 17:55

Lab Sample ID: 480-131949-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			402409	03/05/18 09:20	EMB	TAL BUF
Total/NA	Analysis	6010C		1	402627	03/05/18 21:59	LMH	TAL BUF
Total/NA	Prep	3005A			402409	03/05/18 09:20	EMB	TAL BUF
Total/NA	Analysis	6010C		2	402787	03/06/18 11:17	LMH	TAL BUF
Total/NA	Prep	7470A			402695	03/06/18 13:15	SMF	TAL BUF
Total/NA	Analysis	7470A		1	402776	03/06/18 15:56	BMB	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 480-131949-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

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

TestAmerica Job ID: 480-131949-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

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

TestAmerica Job ID: 480-131949-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-131949-1	BCC Area C -MW-CO1_0218	Ground Water	02/27/18 11:20	02/28/18 17:55
480-131949-2	BCC Area C -RFI-31_0218	Ground Water	02/27/18 12:18	02/28/18 17:55
480-131949-3	BCC Area C -PS-04_0218	Ground Water	02/27/18 13:25	02/28/18 17:55
480-131949-4	BCC Area C-MW-C04 D_0218	Ground Water	02/27/18 09:50	02/28/18 17:55
480-131949-5	BCC Area C-RFI-20_0218	Ground Water	02/27/18 08:20	02/28/18 17:55
480-131949-6	BCC Area C -PS-05A_0218	Ground Water	02/27/18 09:05	02/28/18 17:55
480-131949-7	BCC Area C -PS-06_0218	Ground Water	02/27/18 14:20	02/28/18 17:55
480-131949-8	BCC Area C -MW-C04_0218	Ground Water	02/27/18 10:05	02/28/18 17:55
480-131949-11	TRIP BLANK	Water	02/27/18 00:00	02/28/18 17:55
480-131949-12	BCC Area C-RFI-20F	Water	02/28/18 08:25	02/28/18 17:55
480-131949-13	BCC Area C-PS-05AF	Water	02/28/18 09:10	02/28/18 17:55

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

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480-131949 COC

TestAmerica Laboratories, I

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 2-28-18	COC No: 24271 1.0
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			SDG No.
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# ~~6065~~ 60485	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area C_MW-C01_0218	2/27-18	1120	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0218	2/27-18	1218	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0218	2/27-18	1325	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_0218	2/27-18	0950	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0218	2/28-18	0820	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0218	2/28-18	0905	G	W	6	N	3	1	2	
BCC_Area C_PS-06_0218	2/27-18	1420	G	W	6	N	3	1	2	
BCC_Area C_MW-C04D_0218	2/27-18	1005	G	W	6	N	3	1	2	
BCC_Area C_MW-C04MS_0218	2/27-18	1020	G	W	6	N	3	1	2	
BCC_Area C_MW-C04 MSD_0218	2/27-18	1035	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
BCCAREAC_RFI-20F	2/28-18	0825	G	W	1				1	
BCCAREAC_PS-05AF	2/28-18	0910	G	W	1				1	
Container Volume (ml)							40	250	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
TOM WAGNER	OSC	2-28-18		TAIS	2/28/18 1755 ~~1355~~
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 2.4 2.7 2.0

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-131949-1

Login Number: 131949

List Source: TestAmerica Buffalo

List Number: 1

Creator: Harper, Marcus D

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	

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ANALYTICAL REPORT

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

TestAmerica Job ID: 480-137373-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
6/26/2018 6:00:12 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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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
*	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
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.

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.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-137373-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-137373-1

Comments
No additional comments.

Receipt
The samples were received on 6/13/2018 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0º C and 4.2º C.

GC/MS VOA
Method(s) 8260C: The surrogate Toluene-d8 (Surr) was outside the 20%D limits on the continuing calibration verification (CCV 480-419960/3) but was within laboratory limits. The following samples are impacted: BCC Area C MW-C01_0618 (480-137373-1) and BCC Area C RFI-31_0618 (480-137373-2).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-419960 recovered outside acceptance criteria, low biased, for 1,1-Dichloroethene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: BCC Area C MW-C01_0618 (480-137373-1) and BCC Area C RFI-31_0618 (480-137373-2).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-419960 recovered outside acceptance criteria, low biased, for Carbon disulfide, Chloromethane, cis-1,3-Dichloropropene, Trichlorofluoromethane and Methylene Chloride. 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. The following samples are impacted: BCC Area C MW-C01_0618 (480-137373-1) and BCC Area C RFI-31_0618 (480-137373-2).

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area C MW-C01_0618 (480-137373-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C RFI-31_0618 (480-137373-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area C MW-C01 D_0618 (480-137373-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-419971 recovered above the upper control limit for 2-Butanone and Acetone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C PS-04_0618 (480-137373-3), BCC Area C MW-C01 D_0618 (480-137373-8) and TRIP BLANK (480-137373-9).

Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-419971 recovered outside control limits for the following analytes: Acetone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-420105 recovered outside acceptance criteria, low biased, for Chloromethane and Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-420105 recovered outside control limits for the following analytes: 1,2-Dichloroethane and Acetone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area C RFI-20_0618 (480-137373-5) and BCC Area C PS-06_0618 (480-137373-7). Elevated reporting limits (RLs) are provided.

Job ID: 480-137373-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C MW-C04_0618 (480-137373-4) and BCC Area C PS-05A_0618 (480-137373-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C MW-C04_0618 (480-137373-4), BCC Area C PS-05A_0618 (480-137373-6), (480-137373-E-6 MS) and (480-137373-E-6 MSD). 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-419650 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-419791 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-419791 recovered above the upper control limit for Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C01_0618 (480-137373-1), BCC Area C RFI-31_0618 (480-137373-2), BCC Area C PS-04_0618 (480-137373-3), BCC Area C MW-C04_0618 (480-137373-4), BCC Area C RFI-20_0618 (480-137373-5), BCC Area C PS-05A_0618 (480-137373-6), BCC Area C PS-06_0618 (480-137373-7) and BCC Area C MW-C01 D_0618 (480-137373-8).

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: BCC Area C PS-06_0618 (480-137373-7). 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

Method(s) 6010C: The following samples were diluted due to the presence of Total Sulfur which interferes with Lead: BCC Area C RFI-31_0618 (480-137373-2), BCC Area C PS-05A_0618 (480-137373-6) and BCC Area C PS-06_0618 (480-137373-7). 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 C Wells

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C MW-C01_0618 — Lab Sample ID: 480-137373-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	0.55	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	0.59	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	0.79	J	5.0	0.34	ug/L	1		8270D	Total/NA
Benzo(g,h,i)perylene	0.40	J	5.0	0.35	ug/L	1		8270D	Total/NA
Chrysene	0.53	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	1.3	J	5.0	0.40	ug/L	1		8270D	Total/NA
Phenanthrene	0.63	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	0.98	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	2.5		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0071	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.39		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0019	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	346		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0075		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0017	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.016		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.2		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.032		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	92.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0067	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	31.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	4370		5.0	1.6	mg/L	5		6010C	Total/NA
Vanadium	0.0059		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.16	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00044	F1	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C RFI-31_0618 — Lab Sample ID: 480-137373-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	540		10	4.1	ug/L	10		8260C	Total/NA
1,2-Dichlorobenzene	21		10	7.9	ug/L	10		8260C	Total/NA
1,3-Dichlorobenzene	93		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	19		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	93		10	7.5	ug/L	10		8260C	Total/NA
2,4-Dichlorophenol	0.64	J	5.0	0.51	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.22	J	5.0	0.22	ug/L	1		8270D	Total/NA
Aluminum	0.15	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.020		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00072	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	421		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0027	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.39		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	155		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.6		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	13.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2240		10.0	3.2	mg/L	10		6010C	Total/NA
Zinc	0.0070	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C PS-04_0618 — Lab Sample ID: 480-137373-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.32		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.038		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0056		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	202		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	0.0025	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.031		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.53		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	29.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.038		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.051		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.30	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04_0618 — Lab Sample ID: 480-137373-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	4.4		2.0	1.6	ug/L	2		8260C	Total/NA
1,3-Dichlorobenzene	23		2.0	1.6	ug/L	2		8260C	Total/NA
1,4-Dichlorobenzene	40		2.0	1.7	ug/L	2		8260C	Total/NA
Chlorobenzene - DL	310		5.0	3.8	ug/L	5		8260C	Total/NA
2,4-Dichlorophenol	3.3	J	5.0	0.51	ug/L	1		8270D	Total/NA
Naphthalene	2.1	J	5.0	0.76	ug/L	1		8270D	Total/NA
Aluminum	0.74		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.28		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	212		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0021	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.033		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	8.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0049	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	27.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	38.5		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	0.035	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00020		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C RFI-20_0618 — Lab Sample ID: 480-137373-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	19		2.0	1.5	ug/L	2		8260C	Total/NA
Arsenic	0.0067	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.052		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	187		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	9.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	22.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.39		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.012		0.010	0.0013	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C RFI-20_0618 (Continued) — Lab Sample ID: 480-137373-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	7.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	23.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.032	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_0618 — Lab Sample ID: 480-137373-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	28		2.0	1.6	ug/L	2		8260C	Total/NA
1,4-Dichlorobenzene	1.7	J	2.0	1.7	ug/L	2		8260C	Total/NA
Chlorobenzene - DL	740	F1	10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	12		5.0	0.53	ug/L	1		8270D	Total/NA
Arsenic	0.11		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.015		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	230		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	15.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	18.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.31		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	13.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	117		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0016	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_0618 — Lab Sample ID: 480-137373-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.13	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.073		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.0094		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	211		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	36.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	10.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.18		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	55.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	57.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0064	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C01 D_0618 — Lab Sample ID: 480-137373-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	0.78	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	0.82	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	1.1	J	5.0	0.34	ug/L	1		8270D	Total/NA
Benzo(g,h,i)perylene	0.54	J	5.0	0.35	ug/L	1		8270D	Total/NA
Chrysene	0.78	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	1.7	J	5.0	0.40	ug/L	1		8270D	Total/NA
Indeno(1,2,3-cd)pyrene	0.54	J	5.0	0.47	ug/L	1		8270D	Total/NA
Phenanthrene	0.91	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	1.4	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	2.2		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.37		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0016	J	0.0020	0.00050	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C MW-C01 D_0618 (Continued) — Lab Sample ID: 480-137373-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	331		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0061		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0019	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.016		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.029		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	88.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.99		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0064	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	29.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	4220		5.0	1.6	mg/L	5		6010C	Total/NA
Vanadium	0.0053		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.14	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00045		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-137373-9

No Detections.

Client Sample ID: BCC Area C_MW-C01F_0618 — Lab Sample ID: 480-137373-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.22		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00066	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	295		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0011	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.24		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	80.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.97		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	25.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	3860		5.0	1.6	mg/L	5		6010C	Total/NA
Zinc	0.13	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C_MW-C04F_0618 — Lab Sample ID: 480-137373-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.26		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	222		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	5.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	27.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	29.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0027	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C MW-C01_0618
Date Collected: 06/11/18 11:40
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-1
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		5.0	4.1	ug/L			06/16/18 07:31	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			06/16/18 07:31	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	5.0	1.6	ug/L			06/16/18 07:31	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			06/16/18 07:31	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			06/16/18 07:31	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			06/16/18 07:31	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			06/16/18 07:31	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			06/16/18 07:31	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			06/16/18 07:31	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			06/16/18 07:31	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			06/16/18 07:31	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			06/16/18 07:31	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			06/16/18 07:31	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			06/16/18 07:31	5
2-Butanone (MEK)	ND		50	6.6	ug/L			06/16/18 07:31	5
2-Hexanone	ND		25	6.2	ug/L			06/16/18 07:31	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			06/16/18 07:31	5
Acetone	ND		50	15	ug/L			06/16/18 07:31	5
Benzene	ND		5.0	2.1	ug/L			06/16/18 07:31	5
Bromodichloromethane	ND		5.0	2.0	ug/L			06/16/18 07:31	5
Bromoform	ND		5.0	1.3	ug/L			06/16/18 07:31	5
Bromomethane	ND		5.0	3.5	ug/L			06/16/18 07:31	5
Carbon disulfide	ND		5.0	0.95	ug/L			06/16/18 07:31	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			06/16/18 07:31	5
Chlorobenzene	ND		5.0	3.8	ug/L			06/16/18 07:31	5
Chloroethane	ND		5.0	1.6	ug/L			06/16/18 07:31	5
Chloroform	ND		5.0	1.7	ug/L			06/16/18 07:31	5
Chloromethane	ND		5.0	1.8	ug/L			06/16/18 07:31	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			06/16/18 07:31	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			06/16/18 07:31	5
Cyclohexane	ND		5.0	0.90	ug/L			06/16/18 07:31	5
Dibromochloromethane	ND		5.0	1.6	ug/L			06/16/18 07:31	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			06/16/18 07:31	5
Ethylbenzene	ND		5.0	3.7	ug/L			06/16/18 07:31	5
Isopropylbenzene	ND		5.0	4.0	ug/L			06/16/18 07:31	5
Methyl acetate	ND		13	6.5	ug/L			06/16/18 07:31	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			06/16/18 07:31	5
Methylcyclohexane	ND	F2	5.0	0.80	ug/L			06/16/18 07:31	5
Methylene Chloride	ND		5.0	2.2	ug/L			06/16/18 07:31	5
Styrene	ND		5.0	3.7	ug/L			06/16/18 07:31	5
Tetrachloroethene	ND		5.0	1.8	ug/L			06/16/18 07:31	5
Toluene	ND		5.0	2.6	ug/L			06/16/18 07:31	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			06/16/18 07:31	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			06/16/18 07:31	5
Trichloroethene	ND		5.0	2.3	ug/L			06/16/18 07:31	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			06/16/18 07:31	5
Vinyl chloride	ND		5.0	4.5	ug/L			06/16/18 07:31	5
Xylenes, Total	ND		10	3.3	ug/L			06/16/18 07:31	5

Client Sample ID: BCC Area C MW-C01_0618

Lab Sample ID: 480-137373-1

Date Collected: 06/11/18 11:40

Matrix: Ground Water

Date Received: 06/13/18 15:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*06/16/18 07:31*	*5*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*06/16/18 07:31*	*5*
Toluene-d8 (Surr)	*87*		*80 - 120*		*06/16/18 07:31*	*5*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*06/16/18 07:31*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 17:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/15/18 17:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 17:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/15/18 17:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 17:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 17:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 17:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 17:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/14/18 15:14	06/15/18 17:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/15/18 17:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 17:54	1
2-Nitroaniline	ND	F1	10	0.42	ug/L		06/14/18 15:14	06/15/18 17:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 17:54	1
3,3'-Dichlorobenzidine	ND	F1	5.0	0.40	ug/L		06/14/18 15:14	06/15/18 17:54	1
3-Nitroaniline	ND	F1 F2	10	0.48	ug/L		06/14/18 15:14	06/15/18 17:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 17:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 17:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 17:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 17:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 17:54	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/15/18 17:54	1
4-Nitroaniline	ND	F1	10	0.25	ug/L		06/14/18 15:14	06/15/18 17:54	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/15/18 17:54	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/15/18 17:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/15/18 17:54	1
Acetophenone	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 17:54	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/15/18 17:54	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/15/18 17:54	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 17:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/15/18 17:54	1
Benzo(a)anthracene	**0.55**	**J**	5.0	0.36	ug/L		06/14/18 15:14	06/15/18 17:54	1
Benzo(a)pyrene	**0.59**	**J**	5.0	0.47	ug/L		06/14/18 15:14	06/15/18 17:54	1
Benzo(b)fluoranthene	**0.79**	**J**	5.0	0.34	ug/L		06/14/18 15:14	06/15/18 17:54	1
Benzo(g,h,i)perylene	**0.40**	**J**	5.0	0.35	ug/L		06/14/18 15:14	06/15/18 17:54	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/15/18 17:54	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/15/18 17:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/15/18 17:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 17:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 17:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 17:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/15/18 17:54	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 17:54	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/15/18 17:54	1

Client Sample ID: BCC Area C MW-C01_0618
Date Collected: 06/11/18 11:40
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**0.53**	**J**	5.0	0.33	ug/L		06/14/18 15:14	06/15/18 17:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/15/18 17:54	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/15/18 17:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/14/18 15:14	06/15/18 17:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 17:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/15/18 17:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 17:54	1
Fluoranthene	**1.3**	**J**	5.0	0.40	ug/L		06/14/18 15:14	06/15/18 17:54	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 17:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 17:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/15/18 17:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 17:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 17:54	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 17:54	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/15/18 17:54	1
Naphthalene	ND		5.0	0.76	ug/L		06/14/18 15:14	06/15/18 17:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/15/18 17:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 17:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 17:54	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 17:54	1
Phenanthrene	**0.63**	**J**	5.0	0.44	ug/L		06/14/18 15:14	06/15/18 17:54	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/15/18 17:54	1
Pyrene	**0.98**	**J**	5.0	0.34	ug/L		06/14/18 15:14	06/15/18 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*41 - 120*	*06/14/18 15:14*	*06/15/18 17:54*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*06/14/18 15:14*	*06/15/18 17:54*	*1*
2-Fluorophenol	*64*		*35 - 120*	*06/14/18 15:14*	*06/15/18 17:54*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*06/14/18 15:14*	*06/15/18 17:54*	*1*
Phenol-d5	*46*		*22 - 120*	*06/14/18 15:14*	*06/15/18 17:54*	*1*
p-Terphenyl-d14	*90*		*59 - 136*	*06/14/18 15:14*	*06/15/18 17:54*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.5**		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 18:22	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 18:22	1
Arsenic	**0.0071**	**J**	0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 18:22	1
Barium	**0.39**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 18:22	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 18:22	1
Cadmium	**0.0019**	**J**	0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 18:22	1
Calcium	**346**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:22	1
Chromium	**0.0075**		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 18:22	1
Cobalt	**0.0017**	**J**	0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 18:22	1
Copper	**0.016**		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 18:22	1
Iron	**3.2**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 18:22	1
Lead	**0.032**		0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 18:22	1
Magnesium	**92.9**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 18:22	1
Manganese	**1.0**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 18:22	1
Nickel	**0.0067**	**J**	0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 18:22	1
Potassium	**31.6**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:22	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C MW-C01_0618
Date Collected: 06/11/18 11:40
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 18:22	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 18:22	1
Sodium	**4370**		5.0	1.6	mg/L		06/15/18 09:07	06/19/18 13:48	5
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 18:22	1
Vanadium	**0.0059**		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 18:22	1
Zinc	**0.16**	**B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 18:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00044**	**F1**	0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:36	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C RFI-31_0618
Date Collected: 06/11/18 13:40
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-2
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		10	8.2	ug/L			06/16/18 07:55	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			06/16/18 07:55	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			06/16/18 07:55	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			06/16/18 07:55	10
1,1-Dichloroethane	ND		10	3.8	ug/L			06/16/18 07:55	10
1,1-Dichloroethene	ND		10	2.9	ug/L			06/16/18 07:55	10
1,2,4-Trichlorobenzene	**540**		10	4.1	ug/L			06/16/18 07:55	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			06/16/18 07:55	10
1,2-Dibromoethane	ND		10	7.3	ug/L			06/16/18 07:55	10
1,2-Dichlorobenzene	**21**		10	7.9	ug/L			06/16/18 07:55	10
1,2-Dichloroethane	ND		10	2.1	ug/L			06/16/18 07:55	10
1,2-Dichloropropane	ND		10	7.2	ug/L			06/16/18 07:55	10
1,3-Dichlorobenzene	**93**		10	7.8	ug/L			06/16/18 07:55	10
1,4-Dichlorobenzene	**19**		10	8.4	ug/L			06/16/18 07:55	10
2-Butanone (MEK)	ND		100	13	ug/L			06/16/18 07:55	10
2-Hexanone	ND		50	12	ug/L			06/16/18 07:55	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			06/16/18 07:55	10
Acetone	ND		100	30	ug/L			06/16/18 07:55	10
Benzene	ND		10	4.1	ug/L			06/16/18 07:55	10
Bromodichloromethane	ND		10	3.9	ug/L			06/16/18 07:55	10
Bromoform	ND		10	2.6	ug/L			06/16/18 07:55	10
Bromomethane	ND		10	6.9	ug/L			06/16/18 07:55	10
Carbon disulfide	ND		10	1.9	ug/L			06/16/18 07:55	10
Carbon tetrachloride	ND		10	2.7	ug/L			06/16/18 07:55	10
Chlorobenzene	**93**		10	7.5	ug/L			06/16/18 07:55	10
Chloroethane	ND		10	3.2	ug/L			06/16/18 07:55	10
Chloroform	ND		10	3.4	ug/L			06/16/18 07:55	10
Chloromethane	ND		10	3.5	ug/L			06/16/18 07:55	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			06/16/18 07:55	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			06/16/18 07:55	10
Cyclohexane	ND		10	1.8	ug/L			06/16/18 07:55	10
Dibromochloromethane	ND		10	3.2	ug/L			06/16/18 07:55	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			06/16/18 07:55	10
Ethylbenzene	ND		10	7.4	ug/L			06/16/18 07:55	10
Isopropylbenzene	ND		10	7.9	ug/L			06/16/18 07:55	10
Methyl acetate	ND		25	13	ug/L			06/16/18 07:55	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			06/16/18 07:55	10
Methylcyclohexane	ND		10	1.6	ug/L			06/16/18 07:55	10
Methylene Chloride	ND		10	4.4	ug/L			06/16/18 07:55	10
Styrene	ND		10	7.3	ug/L			06/16/18 07:55	10
Tetrachloroethene	ND		10	3.6	ug/L			06/16/18 07:55	10
Toluene	ND		10	5.1	ug/L			06/16/18 07:55	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			06/16/18 07:55	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			06/16/18 07:55	10
Trichloroethene	ND		10	4.6	ug/L			06/16/18 07:55	10
Trichlorofluoromethane	ND		10	8.8	ug/L			06/16/18 07:55	10
Vinyl chloride	ND		10	9.0	ug/L			06/16/18 07:55	10
Xylenes, Total	ND		20	6.6	ug/L			06/16/18 07:55	10

Client Sample ID: BCC Area C RFI-31_0618
Date Collected: 06/11/18 13:40
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-2
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*06/16/18 07:55*	*10*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*06/16/18 07:55*	*10*
Toluene-d8 (Surr)	*88*		*80 - 120*		*06/16/18 07:55*	*10*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*06/16/18 07:55*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 21:18	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/15/18 21:18	1
2,4-Dichlorophenol	**0.64**	**J**	5.0	0.51	ug/L		06/14/18 15:14	06/15/18 21:18	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/15/18 21:18	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 21:18	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 21:18	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:18	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 21:18	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/14/18 15:14	06/15/18 21:18	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/15/18 21:18	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:18	1
2-Nitroaniline	ND		10	0.42	ug/L		06/14/18 15:14	06/15/18 21:18	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 21:18	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:18	1
3-Nitroaniline	ND		10	0.48	ug/L		06/14/18 15:14	06/15/18 21:18	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 21:18	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 21:18	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 21:18	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 21:18	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 21:18	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/15/18 21:18	1
4-Nitroaniline	ND		10	0.25	ug/L		06/14/18 15:14	06/15/18 21:18	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/15/18 21:18	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/15/18 21:18	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/15/18 21:18	1
Acetophenone	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 21:18	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/15/18 21:18	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/15/18 21:18	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 21:18	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/15/18 21:18	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 21:18	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 21:18	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 21:18	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 21:18	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/15/18 21:18	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/15/18 21:18	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/15/18 21:18	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 21:18	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:18	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 21:18	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/15/18 21:18	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 21:18	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/15/18 21:18	1

Client Sample ID: BCC Area C RFI-31_0618
Date Collected: 06/11/18 13:40
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/14/18 15:14	06/15/18 21:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/15/18 21:18	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/15/18 21:18	1
Diethyl phthalate	**0.22**	**J**	5.0	0.22	ug/L		06/14/18 15:14	06/15/18 21:18	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 21:18	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/15/18 21:18	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 21:18	1
Fluoranthene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:18	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 21:18	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 21:18	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/15/18 21:18	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 21:18	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 21:18	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 21:18	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/15/18 21:18	1
Naphthalene	ND		5.0	0.76	ug/L		06/14/18 15:14	06/15/18 21:18	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/15/18 21:18	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 21:18	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 21:18	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 21:18	1
Phenanthrene	ND		5.0	0.44	ug/L		06/14/18 15:14	06/15/18 21:18	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/15/18 21:18	1
Pyrene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*80*		*41 - 120*	*06/14/18 15:14*	*06/15/18 21:18*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*06/14/18 15:14*	*06/15/18 21:18*	*1*
2-Fluorophenol	*54*		*35 - 120*	*06/14/18 15:14*	*06/15/18 21:18*	*1*
Nitrobenzene-d5	*63*		*46 - 120*	*06/14/18 15:14*	*06/15/18 21:18*	*1*
Phenol-d5	*40*		*22 - 120*	*06/14/18 15:14*	*06/15/18 21:18*	*1*
p-Terphenyl-d14	*79*		*59 - 136*	*06/14/18 15:14*	*06/15/18 21:18*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.15**	**J**	0.20	0.060	mg/L		06/15/18 09:07	06/18/18 18:42	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 18:42	1
Arsenic	ND		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 18:42	1
Barium	**0.020**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 18:42	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 18:42	1
Cadmium	**0.00072**	**J**	0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 18:42	1
Calcium	**421**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:42	1
Chromium	ND		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 18:42	1
Cobalt	**0.0027**	**J**	0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 18:42	1
Copper	ND		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 18:42	1
Iron	**0.39**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 18:42	1
Lead	ND		0.10	0.030	mg/L		06/15/18 09:07	06/19/18 14:08	10
Magnesium	**155**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 18:42	1
Manganese	**1.6**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 18:42	1
Nickel	**0.0036**	**J**	0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 18:42	1
Potassium	**13.5**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:42	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C RFI-31_0618
Date Collected: 06/11/18 13:40
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 18:42	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 18:42	1
Sodium	**2240**		10.0	3.2	mg/L		06/15/18 09:07	06/19/18 14:08	10
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 18:42	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 18:42	1
Zinc	**0.0070**	**J B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 18:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:46	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C PS-04_0618
Date Collected: 06/11/18 14:35
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-3
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			06/16/18 16:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/16/18 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/16/18 16:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/16/18 16:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/16/18 16:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/16/18 16:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/16/18 16:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/16/18 16:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/16/18 16:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/16/18 16:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/16/18 16:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/16/18 16:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/16/18 16:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/16/18 16:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/16/18 16:02	1
2-Hexanone	ND		5.0	1.2	ug/L			06/16/18 16:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/16/18 16:02	1
Acetone	ND	*	10	3.0	ug/L			06/16/18 16:02	1
Benzene	ND		1.0	0.41	ug/L			06/16/18 16:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/16/18 16:02	1
Bromoform	ND		1.0	0.26	ug/L			06/16/18 16:02	1
Bromomethane	ND		1.0	0.69	ug/L			06/16/18 16:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/16/18 16:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/16/18 16:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/16/18 16:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/16/18 16:02	1
Chloroform	ND		1.0	0.34	ug/L			06/16/18 16:02	1
Chloromethane	ND		1.0	0.35	ug/L			06/16/18 16:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/16/18 16:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/16/18 16:02	1
Cyclohexane	ND		1.0	0.18	ug/L			06/16/18 16:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/16/18 16:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/16/18 16:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/16/18 16:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/16/18 16:02	1
Methyl acetate	ND		2.5	1.3	ug/L			06/16/18 16:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/16/18 16:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/16/18 16:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/16/18 16:02	1
Styrene	ND		1.0	0.73	ug/L			06/16/18 16:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/16/18 16:02	1
Toluene	ND		1.0	0.51	ug/L			06/16/18 16:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/16/18 16:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/16/18 16:02	1
Trichloroethene	ND		1.0	0.46	ug/L			06/16/18 16:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/16/18 16:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/16/18 16:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/16/18 16:02	1

Client Sample ID: BCC Area C PS-04_0618
Date Collected: 06/11/18 14:35
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-3
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*06/16/18 16:02*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/16/18 16:02*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/16/18 16:02*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*06/16/18 16:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 21:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/15/18 21:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 21:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/15/18 21:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 21:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 21:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 21:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/14/18 15:14	06/15/18 21:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/15/18 21:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:47	1
2-Nitroaniline	ND		10	0.42	ug/L		06/14/18 15:14	06/15/18 21:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 21:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:47	1
3-Nitroaniline	ND		10	0.48	ug/L		06/14/18 15:14	06/15/18 21:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 21:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 21:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 21:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 21:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 21:47	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/15/18 21:47	1
4-Nitroaniline	ND		10	0.25	ug/L		06/14/18 15:14	06/15/18 21:47	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/15/18 21:47	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/15/18 21:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/15/18 21:47	1
Acetophenone	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 21:47	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/15/18 21:47	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/15/18 21:47	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 21:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/15/18 21:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 21:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 21:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 21:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 21:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/15/18 21:47	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/15/18 21:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/15/18 21:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 21:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:47	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 21:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/15/18 21:47	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 21:47	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/15/18 21:47	1

Client Sample ID: BCC Area C PS-04_0618
Date Collected: 06/11/18 14:35
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/14/18 15:14	06/15/18 21:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/15/18 21:47	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/15/18 21:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/14/18 15:14	06/15/18 21:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 21:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/15/18 21:47	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 21:47	1
Fluoranthene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 21:47	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 21:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 21:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/15/18 21:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 21:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 21:47	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 21:47	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/15/18 21:47	1
Naphthalene	ND		5.0	0.76	ug/L		06/14/18 15:14	06/15/18 21:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/15/18 21:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 21:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 21:47	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 21:47	1
Phenanthrene	ND		5.0	0.44	ug/L		06/14/18 15:14	06/15/18 21:47	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/15/18 21:47	1
Pyrene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*76*		*41 - 120*	*06/14/18 15:14*	*06/15/18 21:47*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*06/14/18 15:14*	*06/15/18 21:47*	*1*
2-Fluorophenol	*60*		*35 - 120*	*06/14/18 15:14*	*06/15/18 21:47*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*06/14/18 15:14*	*06/15/18 21:47*	*1*
Phenol-d5	*44*		*22 - 120*	*06/14/18 15:14*	*06/15/18 21:47*	*1*
p-Terphenyl-d14	*92*		*59 - 136*	*06/14/18 15:14*	*06/15/18 21:47*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.32**		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 18:45	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 18:45	1
Arsenic	ND		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 18:45	1
Barium	**0.038**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 18:45	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 18:45	1
Cadmium	**0.0056**		0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 18:45	1
Calcium	**202**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:45	1
Chromium	**0.0011**	**J**	0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 18:45	1
Cobalt	**0.0025**	**J**	0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 18:45	1
Copper	**0.031**		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 18:45	1
Iron	**0.53**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 18:45	1
Lead	ND		0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 18:45	1
Magnesium	**29.4**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 18:45	1
Manganese	**0.038**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 18:45	1
Nickel	**0.051**		0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 18:45	1
Potassium	**7.6**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:45	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C PS-04_0618
Date Collected: 06/11/18 14:35
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 18:45	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 18:45	1
Sodium	**20.0**		1.0	0.32	mg/L		06/15/18 09:07	06/18/18 18:45	1
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 18:45	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 18:45	1
Zinc	**0.30**	**B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 18:45	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:48	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C MW-C04_0618
Date Collected: 06/12/18 09:10
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-4
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		2.0	1.6	ug/L			06/18/18 13:29	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/18/18 13:29	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/18/18 13:29	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/18/18 13:29	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/18/18 13:29	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/18/18 13:29	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/18/18 13:29	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/18/18 13:29	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/18/18 13:29	2
1,2-Dichlorobenzene	**4.4**		2.0	1.6	ug/L			06/18/18 13:29	2
1,2-Dichloroethane	ND	*	2.0	0.42	ug/L			06/18/18 13:29	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/18/18 13:29	2
1,3-Dichlorobenzene	**23**		2.0	1.6	ug/L			06/18/18 13:29	2
1,4-Dichlorobenzene	**40**		2.0	1.7	ug/L			06/18/18 13:29	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/18/18 13:29	2
2-Hexanone	ND		10	2.5	ug/L			06/18/18 13:29	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/18/18 13:29	2
Acetone	ND	*	20	6.0	ug/L			06/18/18 13:29	2
Benzene	ND		2.0	0.82	ug/L			06/18/18 13:29	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/18/18 13:29	2
Bromoform	ND		2.0	0.52	ug/L			06/18/18 13:29	2
Bromomethane	ND		2.0	1.4	ug/L			06/18/18 13:29	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/18/18 13:29	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/18/18 13:29	2
Chloroethane	ND		2.0	0.64	ug/L			06/18/18 13:29	2
Chloroform	ND		2.0	0.68	ug/L			06/18/18 13:29	2
Chloromethane	ND		2.0	0.70	ug/L			06/18/18 13:29	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/18/18 13:29	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/18/18 13:29	2
Cyclohexane	ND		2.0	0.36	ug/L			06/18/18 13:29	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/18/18 13:29	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/18/18 13:29	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/18/18 13:29	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/18/18 13:29	2
Methyl acetate	ND		5.0	2.6	ug/L			06/18/18 13:29	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/18/18 13:29	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/18/18 13:29	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/18/18 13:29	2
Styrene	ND		2.0	1.5	ug/L			06/18/18 13:29	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/18/18 13:29	2
Toluene	ND		2.0	1.0	ug/L			06/18/18 13:29	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/18/18 13:29	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/18/18 13:29	2
Trichloroethene	ND		2.0	0.92	ug/L			06/18/18 13:29	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/18/18 13:29	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/18/18 13:29	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/18/18 13:29	2

Client Sample ID: BCC Area C MW-C04_0618
Date Collected: 06/12/18 09:10
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-4
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/18/18 13:29*	*2*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*06/18/18 13:29*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/18/18 13:29*	*2*
Dibromofluoromethane (Surr)	*116*		*75 - 123*		*06/18/18 13:29*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**310**		5.0	3.8	ug/L			06/19/18 11:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*06/19/18 11:49*	*5*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/19/18 11:49*	*5*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/19/18 11:49*	*5*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*06/19/18 11:49*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 22:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/15/18 22:16	1
2,4-Dichlorophenol	**3.3**	**J**	5.0	0.51	ug/L		06/14/18 15:14	06/15/18 22:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/15/18 22:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 22:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 22:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 22:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/14/18 15:14	06/15/18 22:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/15/18 22:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:16	1
2-Nitroaniline	ND		10	0.42	ug/L		06/14/18 15:14	06/15/18 22:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 22:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:16	1
3-Nitroaniline	ND		10	0.48	ug/L		06/14/18 15:14	06/15/18 22:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 22:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 22:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 22:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 22:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 22:16	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/15/18 22:16	1
4-Nitroaniline	ND		10	0.25	ug/L		06/14/18 15:14	06/15/18 22:16	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/15/18 22:16	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/15/18 22:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/15/18 22:16	1
Acetophenone	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 22:16	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/15/18 22:16	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/15/18 22:16	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 22:16	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/15/18 22:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 22:16	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 22:16	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 22:16	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 22:16	1

Client Sample ID: BCC Area C MW-C04_0618
Date Collected: 06/12/18 09:10
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/15/18 22:16	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/15/18 22:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/15/18 22:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 22:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 22:16	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/15/18 22:16	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 22:16	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/15/18 22:16	1
Chrysene	ND		5.0	0.33	ug/L		06/14/18 15:14	06/15/18 22:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/15/18 22:16	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/15/18 22:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/14/18 15:14	06/15/18 22:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 22:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/15/18 22:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 22:16	1
Fluoranthene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:16	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 22:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 22:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/15/18 22:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 22:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 22:16	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 22:16	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/15/18 22:16	1
Naphthalene	**2.1**	**J**	5.0	0.76	ug/L		06/14/18 15:14	06/15/18 22:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/15/18 22:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 22:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 22:16	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 22:16	1
Phenanthrene	ND		5.0	0.44	ug/L		06/14/18 15:14	06/15/18 22:16	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/15/18 22:16	1
Pyrene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*41 - 120*	*06/14/18 15:14*	*06/15/18 22:16*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*06/14/18 15:14*	*06/15/18 22:16*	*1*
2-Fluorophenol	*60*		*35 - 120*	*06/14/18 15:14*	*06/15/18 22:16*	*1*
Nitrobenzene-d5	*69*		*46 - 120*	*06/14/18 15:14*	*06/15/18 22:16*	*1*
Phenol-d5	*42*		*22 - 120*	*06/14/18 15:14*	*06/15/18 22:16*	*1*
p-Terphenyl-d14	*88*		*59 - 136*	*06/14/18 15:14*	*06/15/18 22:16*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.74**		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 18:49	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 18:49	1
Arsenic	ND		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 18:49	1
Barium	**0.28**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 18:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 18:49	1
Cadmium	ND		0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 18:49	1
Calcium	**212**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:49	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C MW-C04_0618
Date Collected: 06/12/18 09:10
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0021	J	0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 18:49	1
Cobalt	ND		0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 18:49	1
Copper	0.033		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 18:49	1
Iron	8.8		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 18:49	1
Lead	0.0049	J	0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 18:49	1
Magnesium	27.9		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 18:49	1
Manganese	1.1		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 18:49	1
Nickel	ND		0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 18:49	1
Potassium	8.0		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 18:49	1
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 18:49	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 18:49	1
Sodium	38.5		1.0	0.32	mg/L		06/15/18 09:07	06/18/18 18:49	1
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 18:49	1
Vanadium	0.0025	J	0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 18:49	1
Zinc	0.035	B	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 18:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:50	1

Client Sample ID: BCC Area C RFI-20_0618
Date Collected: 06/12/18 10:15
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-5
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		2.0	1.6	ug/L			06/18/18 13:57	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/18/18 13:57	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/18/18 13:57	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/18/18 13:57	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/18/18 13:57	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/18/18 13:57	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/18/18 13:57	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/18/18 13:57	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/18/18 13:57	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/18/18 13:57	2
1,2-Dichloroethane	ND	*	2.0	0.42	ug/L			06/18/18 13:57	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/18/18 13:57	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/18/18 13:57	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			06/18/18 13:57	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/18/18 13:57	2
2-Hexanone	ND		10	2.5	ug/L			06/18/18 13:57	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/18/18 13:57	2
Acetone	ND	*	20	6.0	ug/L			06/18/18 13:57	2
Benzene	ND		2.0	0.82	ug/L			06/18/18 13:57	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/18/18 13:57	2
Bromoform	ND		2.0	0.52	ug/L			06/18/18 13:57	2
Bromomethane	ND		2.0	1.4	ug/L			06/18/18 13:57	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/18/18 13:57	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/18/18 13:57	2
Chlorobenzene	**19**		2.0	1.5	ug/L			06/18/18 13:57	2
Chloroethane	ND		2.0	0.64	ug/L			06/18/18 13:57	2
Chloroform	ND		2.0	0.68	ug/L			06/18/18 13:57	2
Chloromethane	ND		2.0	0.70	ug/L			06/18/18 13:57	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/18/18 13:57	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/18/18 13:57	2
Cyclohexane	ND		2.0	0.36	ug/L			06/18/18 13:57	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/18/18 13:57	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/18/18 13:57	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/18/18 13:57	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/18/18 13:57	2
Methyl acetate	ND		5.0	2.6	ug/L			06/18/18 13:57	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/18/18 13:57	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/18/18 13:57	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/18/18 13:57	2
Styrene	ND		2.0	1.5	ug/L			06/18/18 13:57	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/18/18 13:57	2
Toluene	ND		2.0	1.0	ug/L			06/18/18 13:57	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/18/18 13:57	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/18/18 13:57	2
Trichloroethene	ND		2.0	0.92	ug/L			06/18/18 13:57	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/18/18 13:57	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/18/18 13:57	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/18/18 13:57	2

Client Sample ID: BCC Area C RFI-20_0618
Date Collected: 06/12/18 10:15
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-5
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 120*		*06/18/18 13:57*	*2*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*06/18/18 13:57*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/18/18 13:57*	*2*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*06/18/18 13:57*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 22:45	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/15/18 22:45	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 22:45	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/15/18 22:45	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 22:45	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 22:45	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:45	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 22:45	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/14/18 15:14	06/15/18 22:45	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/15/18 22:45	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:45	1
2-Nitroaniline	ND		10	0.42	ug/L		06/14/18 15:14	06/15/18 22:45	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 22:45	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:45	1
3-Nitroaniline	ND		10	0.48	ug/L		06/14/18 15:14	06/15/18 22:45	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 22:45	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 22:45	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 22:45	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 22:45	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 22:45	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/15/18 22:45	1
4-Nitroaniline	ND		10	0.25	ug/L		06/14/18 15:14	06/15/18 22:45	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/15/18 22:45	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/15/18 22:45	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/15/18 22:45	1
Acetophenone	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 22:45	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/15/18 22:45	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/15/18 22:45	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 22:45	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/15/18 22:45	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 22:45	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 22:45	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 22:45	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 22:45	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/15/18 22:45	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/15/18 22:45	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/15/18 22:45	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 22:45	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:45	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 22:45	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/15/18 22:45	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 22:45	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/15/18 22:45	1

Client Sample ID: BCC Area C RFI-20_0618
Date Collected: 06/12/18 10:15
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		06/14/18 15:14	06/15/18 22:45	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/15/18 22:45	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/15/18 22:45	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/14/18 15:14	06/15/18 22:45	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 22:45	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/15/18 22:45	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 22:45	1
Fluoranthene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 22:45	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 22:45	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 22:45	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/15/18 22:45	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 22:45	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 22:45	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 22:45	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/15/18 22:45	1
Naphthalene	ND		5.0	0.76	ug/L		06/14/18 15:14	06/15/18 22:45	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/15/18 22:45	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 22:45	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 22:45	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 22:45	1
Phenanthrene	ND		5.0	0.44	ug/L		06/14/18 15:14	06/15/18 22:45	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/15/18 22:45	1
Pyrene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*41 - 120*	*06/14/18 15:14*	*06/15/18 22:45*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*06/14/18 15:14*	*06/15/18 22:45*	*1*
2-Fluorophenol	*57*		*35 - 120*	*06/14/18 15:14*	*06/15/18 22:45*	*1*
Nitrobenzene-d5	*72*		*46 - 120*	*06/14/18 15:14*	*06/15/18 22:45*	*1*
Phenol-d5	*41*		*22 - 120*	*06/14/18 15:14*	*06/15/18 22:45*	*1*
p-Terphenyl-d14	*91*		*59 - 136*	*06/14/18 15:14*	*06/15/18 22:45*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 19:04	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 19:04	1
Arsenic	**0.0067**	**J**	0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 19:04	1
Barium	**0.052**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 19:04	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 19:04	1
Cadmium	ND		0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 19:04	1
Calcium	**187**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:04	1
Chromium	ND		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 19:04	1
Cobalt	ND		0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 19:04	1
Copper	ND		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 19:04	1
Iron	**9.1**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 19:04	1
Lead	ND		0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 19:04	1
Magnesium	**22.0**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 19:04	1
Manganese	**0.39**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 19:04	1
Nickel	**0.012**		0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 19:04	1
Potassium	**7.7**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:04	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C RFI-20_0618
Date Collected: 06/12/18 10:15
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 19:04	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 19:04	1
Sodium	**23.0**		1.0	0.32	mg/L		06/15/18 09:07	06/18/18 19:04	1
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 19:04	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 19:04	1
Zinc	**0.032**	**B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 19:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:52	1

Client Sample ID: BCC Area C PS-05A_0618
Date Collected: 06/12/18 11:00
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-6
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		2.0	1.6	ug/L			06/18/18 14:24	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/18/18 14:24	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/18/18 14:24	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/18/18 14:24	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/18/18 14:24	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/18/18 14:24	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/18/18 14:24	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/18/18 14:24	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/18/18 14:24	2
1,2-Dichlorobenzene	**28**		2.0	1.6	ug/L			06/18/18 14:24	2
1,2-Dichloroethane	ND	*	2.0	0.42	ug/L			06/18/18 14:24	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/18/18 14:24	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/18/18 14:24	2
1,4-Dichlorobenzene	**1.7**	**J**	2.0	1.7	ug/L			06/18/18 14:24	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/18/18 14:24	2
2-Hexanone	ND		10	2.5	ug/L			06/18/18 14:24	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/18/18 14:24	2
Acetone	ND	*	20	6.0	ug/L			06/18/18 14:24	2
Benzene	ND		2.0	0.82	ug/L			06/18/18 14:24	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/18/18 14:24	2
Bromoform	ND		2.0	0.52	ug/L			06/18/18 14:24	2
Bromomethane	ND		2.0	1.4	ug/L			06/18/18 14:24	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/18/18 14:24	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/18/18 14:24	2
Chloroethane	ND		2.0	0.64	ug/L			06/18/18 14:24	2
Chloroform	ND		2.0	0.68	ug/L			06/18/18 14:24	2
Chloromethane	ND		2.0	0.70	ug/L			06/18/18 14:24	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/18/18 14:24	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/18/18 14:24	2
Cyclohexane	ND		2.0	0.36	ug/L			06/18/18 14:24	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/18/18 14:24	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/18/18 14:24	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/18/18 14:24	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/18/18 14:24	2
Methyl acetate	ND		5.0	2.6	ug/L			06/18/18 14:24	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/18/18 14:24	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/18/18 14:24	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/18/18 14:24	2
Styrene	ND		2.0	1.5	ug/L			06/18/18 14:24	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/18/18 14:24	2
Toluene	ND		2.0	1.0	ug/L			06/18/18 14:24	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/18/18 14:24	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/18/18 14:24	2
Trichloroethene	ND		2.0	0.92	ug/L			06/18/18 14:24	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/18/18 14:24	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/18/18 14:24	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/18/18 14:24	2

Client Sample ID: BCC Area C PS-05A_0618
Date Collected: 06/12/18 11:00
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-6
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*77 - 120*		*06/18/18 14:24*	*2*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*06/18/18 14:24*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/18/18 14:24*	*2*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*06/18/18 14:24*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**740**	**F1**	10	7.5	ug/L			06/19/18 12:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*06/19/18 12:16*	*10*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*06/19/18 12:16*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/19/18 12:16*	*10*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*06/19/18 12:16*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 23:14	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/15/18 23:14	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 23:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/15/18 23:14	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 23:14	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 23:14	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 23:14	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 23:14	1
2-Chlorophenol	**12**		5.0	0.53	ug/L		06/14/18 15:14	06/15/18 23:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/15/18 23:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 23:14	1
2-Nitroaniline	ND		10	0.42	ug/L		06/14/18 15:14	06/15/18 23:14	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 23:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 23:14	1
3-Nitroaniline	ND		10	0.48	ug/L		06/14/18 15:14	06/15/18 23:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 23:14	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 23:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 23:14	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 23:14	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 23:14	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/15/18 23:14	1
4-Nitroaniline	ND		10	0.25	ug/L		06/14/18 15:14	06/15/18 23:14	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/15/18 23:14	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/15/18 23:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/15/18 23:14	1
Acetophenone	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 23:14	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/15/18 23:14	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/15/18 23:14	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 23:14	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/15/18 23:14	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 23:14	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 23:14	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 23:14	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 23:14	1

Client Sample ID: BCC Area C PS-05A_0618
Date Collected: 06/12/18 11:00
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/15/18 23:14	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/15/18 23:14	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/15/18 23:14	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 23:14	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 23:14	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 23:14	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/15/18 23:14	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 23:14	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/15/18 23:14	1
Chrysene	ND		5.0	0.33	ug/L		06/14/18 15:14	06/15/18 23:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/15/18 23:14	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/15/18 23:14	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/14/18 15:14	06/15/18 23:14	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 23:14	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/15/18 23:14	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 23:14	1
Fluoranthene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 23:14	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 23:14	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 23:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/15/18 23:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 23:14	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 23:14	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 23:14	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/15/18 23:14	1
Naphthalene	ND		5.0	0.76	ug/L		06/14/18 15:14	06/15/18 23:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/15/18 23:14	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 23:14	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 23:14	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 23:14	1
Phenanthrene	ND		5.0	0.44	ug/L		06/14/18 15:14	06/15/18 23:14	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/15/18 23:14	1
Pyrene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*41 - 120*	*06/14/18 15:14*	*06/15/18 23:14*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*06/14/18 15:14*	*06/15/18 23:14*	*1*
2-Fluorophenol	*69*		*35 - 120*	*06/14/18 15:14*	*06/15/18 23:14*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*06/14/18 15:14*	*06/15/18 23:14*	*1*
Phenol-d5	*51*		*22 - 120*	*06/14/18 15:14*	*06/15/18 23:14*	*1*
p-Terphenyl-d14	*98*		*59 - 136*	*06/14/18 15:14*	*06/15/18 23:14*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 19:08	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 19:08	1
Arsenic	**0.11**		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 19:08	1
Barium	**0.015**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 19:08	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 19:08	1
Cadmium	ND		0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 19:08	1
Calcium	**230**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:08	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C PS-05A_0618
Date Collected: 06/12/18 11:00
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 19:08	1
Cobalt	ND		0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 19:08	1
Copper	ND		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 19:08	1
Iron	**15.9**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 19:08	1
Lead	ND		0.020	0.0060	mg/L		06/15/18 09:07	06/19/18 14:27	2
Magnesium	**18.4**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 19:08	1
Manganese	**0.31**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 19:08	1
Nickel	ND		0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 19:08	1
Potassium	**13.8**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:08	1
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 19:08	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 19:08	1
Sodium	**117**		1.0	0.32	mg/L		06/15/18 09:07	06/18/18 19:08	1
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 19:08	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 19:08	1
Zinc	**0.0016**	**J B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 19:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:53	1

Client Sample ID: BCC Area C PS-06_0618
Date Collected: 06/12/18 11:45
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-7
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		5.0	4.1	ug/L			06/18/18 14:52	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			06/18/18 14:52	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			06/18/18 14:52	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			06/18/18 14:52	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			06/18/18 14:52	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			06/18/18 14:52	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			06/18/18 14:52	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			06/18/18 14:52	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			06/18/18 14:52	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			06/18/18 14:52	5
1,2-Dichloroethane	ND	*	5.0	1.1	ug/L			06/18/18 14:52	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			06/18/18 14:52	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			06/18/18 14:52	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			06/18/18 14:52	5
2-Butanone (MEK)	ND		50	6.6	ug/L			06/18/18 14:52	5
2-Hexanone	ND		25	6.2	ug/L			06/18/18 14:52	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			06/18/18 14:52	5
Acetone	ND	*	50	15	ug/L			06/18/18 14:52	5
Benzene	ND		5.0	2.1	ug/L			06/18/18 14:52	5
Bromodichloromethane	ND		5.0	2.0	ug/L			06/18/18 14:52	5
Bromoform	ND		5.0	1.3	ug/L			06/18/18 14:52	5
Bromomethane	ND		5.0	3.5	ug/L			06/18/18 14:52	5
Carbon disulfide	ND		5.0	0.95	ug/L			06/18/18 14:52	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			06/18/18 14:52	5
Chlorobenzene	ND		5.0	3.8	ug/L			06/18/18 14:52	5
Chloroethane	ND		5.0	1.6	ug/L			06/18/18 14:52	5
Chloroform	ND		5.0	1.7	ug/L			06/18/18 14:52	5
Chloromethane	ND		5.0	1.8	ug/L			06/18/18 14:52	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			06/18/18 14:52	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			06/18/18 14:52	5
Cyclohexane	ND		5.0	0.90	ug/L			06/18/18 14:52	5
Dibromochloromethane	ND		5.0	1.6	ug/L			06/18/18 14:52	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			06/18/18 14:52	5
Ethylbenzene	ND		5.0	3.7	ug/L			06/18/18 14:52	5
Isopropylbenzene	ND		5.0	4.0	ug/L			06/18/18 14:52	5
Methyl acetate	ND		13	6.5	ug/L			06/18/18 14:52	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			06/18/18 14:52	5
Methylcyclohexane	ND		5.0	0.80	ug/L			06/18/18 14:52	5
Methylene Chloride	ND		5.0	2.2	ug/L			06/18/18 14:52	5
Styrene	ND		5.0	3.7	ug/L			06/18/18 14:52	5
Tetrachloroethene	ND		5.0	1.8	ug/L			06/18/18 14:52	5
Toluene	ND		5.0	2.6	ug/L			06/18/18 14:52	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			06/18/18 14:52	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			06/18/18 14:52	5
Trichloroethene	ND		5.0	2.3	ug/L			06/18/18 14:52	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			06/18/18 14:52	5
Vinyl chloride	ND		5.0	4.5	ug/L			06/18/18 14:52	5
Xylenes, Total	ND		10	3.3	ug/L			06/18/18 14:52	5

Client Sample ID: BCC Area C PS-06_0618

Date Collected: 06/12/18 11:45
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-7

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*06/18/18 14:52*	*5*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*06/18/18 14:52*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/18/18 14:52*	*5*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*06/18/18 14:52*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		06/14/18 15:14	06/15/18 23:43	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		06/14/18 15:14	06/15/18 23:43	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		06/14/18 15:14	06/15/18 23:43	5
2,4-Dinitrophenol	ND		50	11	ug/L		06/14/18 15:14	06/15/18 23:43	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		06/14/18 15:14	06/15/18 23:43	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
2-Chloronaphthalene	ND		25	2.3	ug/L		06/14/18 15:14	06/15/18 23:43	5
2-Chlorophenol	ND		25	2.7	ug/L		06/14/18 15:14	06/15/18 23:43	5
2-Methylnaphthalene	ND		25	3.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
2-Methylphenol	ND		25	2.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
2-Nitroaniline	ND		50	2.1	ug/L		06/14/18 15:14	06/15/18 23:43	5
2-Nitrophenol	ND		25	2.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
3-Nitroaniline	ND		50	2.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		06/14/18 15:14	06/15/18 23:43	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		06/14/18 15:14	06/15/18 23:43	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		06/14/18 15:14	06/15/18 23:43	5
4-Chloroaniline	ND		25	3.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
4-Methylphenol	ND		50	1.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
4-Nitroaniline	ND		50	1.3	ug/L		06/14/18 15:14	06/15/18 23:43	5
4-Nitrophenol	ND		50	7.6	ug/L		06/14/18 15:14	06/15/18 23:43	5
Acenaphthene	ND		25	2.1	ug/L		06/14/18 15:14	06/15/18 23:43	5
Acenaphthylene	ND		25	1.9	ug/L		06/14/18 15:14	06/15/18 23:43	5
Acetophenone	ND		25	2.7	ug/L		06/14/18 15:14	06/15/18 23:43	5
Aniline	ND		50	3.1	ug/L		06/14/18 15:14	06/15/18 23:43	5
Anthracene	ND		25	1.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
Atrazine	ND		25	2.3	ug/L		06/14/18 15:14	06/15/18 23:43	5
Benzaldehyde	ND		25	1.3	ug/L		06/14/18 15:14	06/15/18 23:43	5
Benzo(a)anthracene	ND		25	1.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
Benzo(a)pyrene	ND		25	2.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		06/14/18 15:14	06/15/18 23:43	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		06/14/18 15:14	06/15/18 23:43	5
Biphenyl	ND		25	3.3	ug/L		06/14/18 15:14	06/15/18 23:43	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		06/14/18 15:14	06/15/18 23:43	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		06/14/18 15:14	06/15/18 23:43	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
Caprolactam	ND		25	11	ug/L		06/14/18 15:14	06/15/18 23:43	5
Carbazole	ND		25	1.5	ug/L		06/14/18 15:14	06/15/18 23:43	5

Client Sample ID: BCC Area C PS-06_0618

Date Collected: 06/12/18 11:45
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-7

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		06/14/18 15:14	06/15/18 23:43	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		06/14/18 15:14	06/15/18 23:43	5
Dibenzofuran	ND		50	2.6	ug/L		06/14/18 15:14	06/15/18 23:43	5
Diethyl phthalate	ND		25	1.1	ug/L		06/14/18 15:14	06/15/18 23:43	5
Dimethyl phthalate	ND		25	1.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		06/14/18 15:14	06/15/18 23:43	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
Fluoranthene	ND		25	2.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
Fluorene	ND		25	1.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
Hexachlorobenzene	ND		25	2.6	ug/L		06/14/18 15:14	06/15/18 23:43	5
Hexachlorobutadiene	ND		25	3.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
Hexachloroethane	ND		25	3.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		06/14/18 15:14	06/15/18 23:43	5
Isophorone	ND		25	2.2	ug/L		06/14/18 15:14	06/15/18 23:43	5
Naphthalene	ND		25	3.8	ug/L		06/14/18 15:14	06/15/18 23:43	5
Nitrobenzene	ND		25	1.5	ug/L		06/14/18 15:14	06/15/18 23:43	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		06/14/18 15:14	06/15/18 23:43	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		06/14/18 15:14	06/15/18 23:43	5
Pentachlorophenol	ND		50	11	ug/L		06/14/18 15:14	06/15/18 23:43	5
Phenanthrene	ND		25	2.2	ug/L		06/14/18 15:14	06/15/18 23:43	5
Phenol	ND		25	2.0	ug/L		06/14/18 15:14	06/15/18 23:43	5
Pyrene	ND		25	1.7	ug/L		06/14/18 15:14	06/15/18 23:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*41 - 120*	*06/14/18 15:14*	*06/15/18 23:43*	*5*
2-Fluorobiphenyl	*90*		*48 - 120*	*06/14/18 15:14*	*06/15/18 23:43*	*5*
2-Fluorophenol	*59*		*35 - 120*	*06/14/18 15:14*	*06/15/18 23:43*	*5*
Nitrobenzene-d5	*75*		*46 - 120*	*06/14/18 15:14*	*06/15/18 23:43*	*5*
Phenol-d5	*41*		*22 - 120*	*06/14/18 15:14*	*06/15/18 23:43*	*5*
p-Terphenyl-d14	*85*		*59 - 136*	*06/14/18 15:14*	*06/15/18 23:43*	*5*

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		06/15/18 09:07	06/18/18 19:11	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 19:11	1
Arsenic	**0.073**		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 19:11	1
Barium	**0.0094**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 19:11	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 19:11	1
Cadmium	ND		0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 19:11	1
Calcium	**211**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:11	1
Chromium	ND		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 19:11	1
Cobalt	ND		0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 19:11	1
Copper	ND		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 19:11	1
Iron	**36.0**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 19:11	1
Lead	ND		0.050	0.015	mg/L		06/15/18 09:07	06/19/18 14:30	5
Magnesium	**10.7**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 19:11	1
Manganese	**0.18**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 19:11	1
Nickel	ND		0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 19:11	1
Potassium	**55.2**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:11	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C PS-06_0618
Date Collected: 06/12/18 11:45
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 19:11	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 19:11	1
Sodium	**57.8**		1.0	0.32	mg/L		06/15/18 09:07	06/18/18 19:11	1
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 19:11	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 19:11	1
Zinc	**0.0064**	**J B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 19:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 14:00	1

Client Sample ID: BCC Area C MW-C01 D_0618
Date Collected: 06/11/18 11:50
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-8
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		4.0	3.3	ug/L			06/16/18 16:29	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			06/16/18 16:29	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			06/16/18 16:29	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			06/16/18 16:29	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			06/16/18 16:29	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			06/16/18 16:29	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			06/16/18 16:29	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			06/16/18 16:29	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			06/16/18 16:29	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			06/16/18 16:29	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			06/16/18 16:29	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			06/16/18 16:29	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			06/16/18 16:29	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			06/16/18 16:29	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/16/18 16:29	4
2-Hexanone	ND		20	5.0	ug/L			06/16/18 16:29	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			06/16/18 16:29	4
Acetone	ND	*	40	12	ug/L			06/16/18 16:29	4
Benzene	ND		4.0	1.6	ug/L			06/16/18 16:29	4
Bromodichloromethane	ND		4.0	1.6	ug/L			06/16/18 16:29	4
Bromoform	ND		4.0	1.0	ug/L			06/16/18 16:29	4
Bromomethane	ND		4.0	2.8	ug/L			06/16/18 16:29	4
Carbon disulfide	ND		4.0	0.76	ug/L			06/16/18 16:29	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			06/16/18 16:29	4
Chlorobenzene	ND		4.0	3.0	ug/L			06/16/18 16:29	4
Chloroethane	ND		4.0	1.3	ug/L			06/16/18 16:29	4
Chloroform	ND		4.0	1.4	ug/L			06/16/18 16:29	4
Chloromethane	ND		4.0	1.4	ug/L			06/16/18 16:29	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			06/16/18 16:29	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			06/16/18 16:29	4
Cyclohexane	ND		4.0	0.72	ug/L			06/16/18 16:29	4
Dibromochloromethane	ND		4.0	1.3	ug/L			06/16/18 16:29	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			06/16/18 16:29	4
Ethylbenzene	ND		4.0	3.0	ug/L			06/16/18 16:29	4
Isopropylbenzene	ND		4.0	3.2	ug/L			06/16/18 16:29	4
Methyl acetate	ND		10	5.2	ug/L			06/16/18 16:29	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			06/16/18 16:29	4
Methylcyclohexane	ND		4.0	0.64	ug/L			06/16/18 16:29	4
Methylene Chloride	ND		4.0	1.8	ug/L			06/16/18 16:29	4
Styrene	ND		4.0	2.9	ug/L			06/16/18 16:29	4
Tetrachloroethene	ND		4.0	1.4	ug/L			06/16/18 16:29	4
Toluene	ND		4.0	2.0	ug/L			06/16/18 16:29	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			06/16/18 16:29	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			06/16/18 16:29	4
Trichloroethene	ND		4.0	1.8	ug/L			06/16/18 16:29	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			06/16/18 16:29	4
Vinyl chloride	ND		4.0	3.6	ug/L			06/16/18 16:29	4
Xylenes, Total	ND		8.0	2.6	ug/L			06/16/18 16:29	4

Client Sample ID: BCC Area C MW-C01 D_0618

Lab Sample ID: 480-137373-8

Date Collected: 06/11/18 11:50

Matrix: Ground Water

Date Received: 06/13/18 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*115*		*77 - 120*		*06/16/18 16:29*	*4*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*06/16/18 16:29*	*4*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/16/18 16:29*	*4*
Dibromofluoromethane (Surr)	*114*		*75 - 123*		*06/16/18 16:29*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/16/18 00:12	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/16/18 00:12	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/14/18 15:14	06/16/18 00:12	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/16/18 00:12	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/16/18 00:12	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/16/18 00:12	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/16/18 00:12	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/16/18 00:12	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/14/18 15:14	06/16/18 00:12	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/16/18 00:12	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/16/18 00:12	1
2-Nitroaniline	ND		10	0.42	ug/L		06/14/18 15:14	06/16/18 00:12	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/16/18 00:12	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/14/18 15:14	06/16/18 00:12	1
3-Nitroaniline	ND		10	0.48	ug/L		06/14/18 15:14	06/16/18 00:12	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/16/18 00:12	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/16/18 00:12	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/16/18 00:12	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/16/18 00:12	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/16/18 00:12	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/16/18 00:12	1
4-Nitroaniline	ND		10	0.25	ug/L		06/14/18 15:14	06/16/18 00:12	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/16/18 00:12	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/16/18 00:12	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/16/18 00:12	1
Acetophenone	ND		5.0	0.54	ug/L		06/14/18 15:14	06/16/18 00:12	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/16/18 00:12	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/16/18 00:12	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/16/18 00:12	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/16/18 00:12	1
Benzo(a)anthracene	**0.78**	**J**	5.0	0.36	ug/L		06/14/18 15:14	06/16/18 00:12	1
Benzo(a)pyrene	**0.82**	**J**	5.0	0.47	ug/L		06/14/18 15:14	06/16/18 00:12	1
Benzo(b)fluoranthene	**1.1**	**J**	5.0	0.34	ug/L		06/14/18 15:14	06/16/18 00:12	1
Benzo(g,h,i)perylene	**0.54**	**J**	5.0	0.35	ug/L		06/14/18 15:14	06/16/18 00:12	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/16/18 00:12	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/16/18 00:12	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/16/18 00:12	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/16/18 00:12	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/16/18 00:12	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/16/18 00:12	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/16/18 00:12	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/16/18 00:12	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/16/18 00:12	1

Client Sample ID: BCC Area C MW-C01 D_0618
Date Collected: 06/11/18 11:50
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**0.78**	**J**	5.0	0.33	ug/L		06/14/18 15:14	06/16/18 00:12	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/16/18 00:12	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/16/18 00:12	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/14/18 15:14	06/16/18 00:12	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/16/18 00:12	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/16/18 00:12	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/16/18 00:12	1
Fluoranthene	**1.7**	**J**	5.0	0.40	ug/L		06/14/18 15:14	06/16/18 00:12	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/16/18 00:12	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/16/18 00:12	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/16/18 00:12	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/16/18 00:12	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/16/18 00:12	1
Indeno(1,2,3-cd)pyrene	**0.54**	**J**	5.0	0.47	ug/L		06/14/18 15:14	06/16/18 00:12	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/16/18 00:12	1
Naphthalene	ND		5.0	0.76	ug/L		06/14/18 15:14	06/16/18 00:12	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/16/18 00:12	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/16/18 00:12	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/16/18 00:12	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/16/18 00:12	1
Phenanthrene	**0.91**	**J**	5.0	0.44	ug/L		06/14/18 15:14	06/16/18 00:12	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/16/18 00:12	1
Pyrene	**1.4**	**J**	5.0	0.34	ug/L		06/14/18 15:14	06/16/18 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*41 - 120*	*06/14/18 15:14*	*06/16/18 00:12*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*06/14/18 15:14*	*06/16/18 00:12*	*1*
2-Fluorophenol	*68*		*35 - 120*	*06/14/18 15:14*	*06/16/18 00:12*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*06/14/18 15:14*	*06/16/18 00:12*	*1*
Phenol-d5	*51*		*22 - 120*	*06/14/18 15:14*	*06/16/18 00:12*	*1*
p-Terphenyl-d14	*100*		*59 - 136*	*06/14/18 15:14*	*06/16/18 00:12*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.2**		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 19:15	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 19:15	1
Arsenic	ND		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 19:15	1
Barium	**0.37**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 19:15	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 19:15	1
Cadmium	**0.0016**	**J**	0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 19:15	1
Calcium	**331**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:15	1
Chromium	**0.0061**		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 19:15	1
Cobalt	**0.0019**	**J**	0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 19:15	1
Copper	**0.016**		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 19:15	1
Iron	**2.8**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 19:15	1
Lead	**0.029**		0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 19:15	1
Magnesium	**88.4**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 19:15	1
Manganese	**0.99**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 19:15	1
Nickel	**0.0064**	**J**	0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 19:15	1
Potassium	**29.7**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:15	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C MW-C01 D_0618
Date Collected: 06/11/18 11:50
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 19:15	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 19:15	1
Sodium	**4220**		5.0	1.6	mg/L		06/15/18 09:07	06/19/18 14:34	5
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 19:15	1
Vanadium	**0.0053**		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 19:15	1
Zinc	**0.14**	**B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 19:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00045**		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 14:01	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: TRIP BLANK
Date Collected: 06/11/18 00:00
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-9
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			06/16/18 16:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/16/18 16:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/16/18 16:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/16/18 16:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/16/18 16:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/16/18 16:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/16/18 16:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/16/18 16:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/16/18 16:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/16/18 16:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/16/18 16:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/16/18 16:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/16/18 16:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/16/18 16:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/16/18 16:57	1
2-Hexanone	ND		5.0	1.2	ug/L			06/16/18 16:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/16/18 16:57	1
Acetone	ND	*	10	3.0	ug/L			06/16/18 16:57	1
Benzene	ND		1.0	0.41	ug/L			06/16/18 16:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/16/18 16:57	1
Bromoform	ND		1.0	0.26	ug/L			06/16/18 16:57	1
Bromomethane	ND		1.0	0.69	ug/L			06/16/18 16:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/16/18 16:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/16/18 16:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/16/18 16:57	1
Chloroethane	ND		1.0	0.32	ug/L			06/16/18 16:57	1
Chloroform	ND		1.0	0.34	ug/L			06/16/18 16:57	1
Chloromethane	ND		1.0	0.35	ug/L			06/16/18 16:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/16/18 16:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/16/18 16:57	1
Cyclohexane	ND		1.0	0.18	ug/L			06/16/18 16:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/16/18 16:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/16/18 16:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/16/18 16:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/16/18 16:57	1
Methyl acetate	ND		2.5	1.3	ug/L			06/16/18 16:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/16/18 16:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/16/18 16:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/16/18 16:57	1
Styrene	ND		1.0	0.73	ug/L			06/16/18 16:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/16/18 16:57	1
Toluene	ND		1.0	0.51	ug/L			06/16/18 16:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/16/18 16:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/16/18 16:57	1
Trichloroethene	ND		1.0	0.46	ug/L			06/16/18 16:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/16/18 16:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/16/18 16:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/16/18 16:57	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: TRIP BLANK
Date Collected: 06/11/18 00:00
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		06/16/18 16:57	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/16/18 16:57	1
Toluene-d8 (Surr)	103		80 - 120		06/16/18 16:57	1
Dibromofluoromethane (Surr)	110		75 - 123		06/16/18 16:57	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C_MW-C01F_0618
Date Collected: 06/11/18 12:20
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-10
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 19:19	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 19:19	1
Arsenic	ND		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 19:19	1
Barium	**0.22**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 19:19	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 19:19	1
Cadmium	**0.00066**	**J**	0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 19:19	1
Calcium	**295**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:19	1
Chromium	ND		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 19:19	1
Cobalt	**0.0011**	**J**	0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 19:19	1
Copper	ND		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 19:19	1
Iron	**0.24**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 19:19	1
Lead	ND		0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 19:19	1
Magnesium	**80.7**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 19:19	1
Manganese	**0.97**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 19:19	1
Nickel	**0.0034**	**J**	0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 19:19	1
Potassium	**25.5**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:19	1
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 19:19	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 19:19	1
Sodium	**3860**		5.0	1.6	mg/L		06/15/18 09:07	06/19/18 14:38	5
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 19:19	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 19:19	1
Zinc	**0.13**	**B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 19:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 14:08	1

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C_MW-C04F_0618
Date Collected: 06/12/18 09:20
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-11
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 19:23	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 19:23	1
Arsenic	ND		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 19:23	1
Barium	**0.26**		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 19:23	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 19:23	1
Cadmium	ND		0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 19:23	1
Calcium	**222**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:23	1
Chromium	ND		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 19:23	1
Cobalt	ND		0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 19:23	1
Copper	ND		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 19:23	1
Iron	**5.1**		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 19:23	1
Lead	ND		0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 19:23	1
Magnesium	**27.7**		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 19:23	1
Manganese	**1.1**		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 19:23	1
Nickel	ND		0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 19:23	1
Potassium	**8.8**		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 19:23	1
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 19:23	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 19:23	1
Sodium	**29.9**		1.0	0.32	mg/L		06/15/18 09:07	06/18/18 19:23	1
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 19:23	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 19:23	1
Zinc	**0.0027**	**J B**	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 19:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 14:03	1

Surrogate Summary

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

TestAmerica Job ID: 480-137373-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-137373-1	BCC Area C MW-C01_0618	93	93	87	90
480-137373-1 MS	BCC Area C MW-C01 MS_0618	97	96	88	92
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	90	96	89	84
480-137373-2	BCC Area C RFI-31_0618	94	95	88	90
480-137373-3	BCC Area C PS-04_0618	111	105	98	110
480-137373-4	BCC Area C MW-C04_0618	110	104	96	116
480-137373-4 - DL	BCC Area C MW-C04_0618	109	106	99	103
480-137373-5	BCC Area C RFI-20_0618	113	109	100	108
480-137373-6	BCC Area C PS-05A_0618	115	103	97	111
480-137373-6 - DL	BCC Area C PS-05A_0618	108	107	101	102
480-137373-6 MS	BCC Area C PS-05A_0618	106	100	97	97
480-137373-6 MSD	BCC Area C PS-05A_0618	108	104	96	99
480-137373-7	BCC Area C PS-06_0618	114	109	100	112
480-137373-8	BCC Area C MW-C01 D_0618	115	102	99	114

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-137373-9	TRIP BLANK	113	105	103	110
LCS 480-419960/5	Lab Control Sample	100	102	96	94
LCS 480-419971/5	Lab Control Sample	108	101	100	105
LCS 480-420105/5	Lab Control Sample	114	106	96	109
LCS 480-420288/5	Lab Control Sample	105	101	95	103
MB 480-419960/8	Method Blank	103	102	94	96
MB 480-419971/7	Method Blank	106	103	100	103
MB 480-420105/7	Method Blank	105	109	99	107
MB 480-420288/7	Method Blank	113	102	100	102

Surrogate Legend

DCA = 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 C Wells

TestAmerica Job ID: 480-137373-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-137373-1	BCC Area C MW-C01_0618	92	86	64	77	46	90
480-137373-1 MS	BCC Area C MW-C01 MS_0618	91	92	67	89	54	96
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	101	95	66	87	54	107
480-137373-2	BCC Area C RFI-31_0618	80	73	54	63	40	79
480-137373-3	BCC Area C PS-04_0618	76	86	60	74	44	92
480-137373-4	BCC Area C MW-C04_0618	85	82	60	69	42	88
480-137373-5	BCC Area C RFI-20_0618	82	82	57	72	41	91
480-137373-6	BCC Area C PS-05A_0618	94	99	69	85	51	98
480-137373-7	BCC Area C PS-06_0618	75	90	59	75	41	85
480-137373-8	BCC Area C MW-C01 D_0618	97	96	68	88	51	100

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
LCS 480-419650/2-A	Lab Control Sample	96	91	69	91	58	118
MB 480-419650/1-A	Method Blank	76	98	69	90	51	119

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

Lab Sample ID: MB 480-419960/8
Matrix: Water
Analysis Batch: 419960

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			06/16/18 00:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/16/18 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/16/18 00:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/16/18 00:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/16/18 00:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/16/18 00:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/16/18 00:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/16/18 00:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/16/18 00:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/16/18 00:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/16/18 00:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/16/18 00:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/16/18 00:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/16/18 00:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/16/18 00:38	1
2-Hexanone	ND		5.0	1.2	ug/L			06/16/18 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/16/18 00:38	1
Acetone	ND		10	3.0	ug/L			06/16/18 00:38	1
Benzene	ND		1.0	0.41	ug/L			06/16/18 00:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/16/18 00:38	1
Bromoform	ND		1.0	0.26	ug/L			06/16/18 00:38	1
Bromomethane	ND		1.0	0.69	ug/L			06/16/18 00:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/16/18 00:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/16/18 00:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/16/18 00:38	1
Chloroethane	ND		1.0	0.32	ug/L			06/16/18 00:38	1
Chloroform	ND		1.0	0.34	ug/L			06/16/18 00:38	1
Chloromethane	ND		1.0	0.35	ug/L			06/16/18 00:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/16/18 00:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/16/18 00:38	1
Cyclohexane	ND		1.0	0.18	ug/L			06/16/18 00:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/16/18 00:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/16/18 00:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/16/18 00:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/16/18 00:38	1
Methyl acetate	ND		2.5	1.3	ug/L			06/16/18 00:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/16/18 00:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/16/18 00:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/16/18 00:38	1
Styrene	ND		1.0	0.73	ug/L			06/16/18 00:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/16/18 00:38	1
Toluene	ND		1.0	0.51	ug/L			06/16/18 00:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/16/18 00:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/16/18 00:38	1
Trichloroethene	ND		1.0	0.46	ug/L			06/16/18 00:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/16/18 00:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/16/18 00:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/16/18 00:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/16/18 00:38*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*06/16/18 00:38*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*06/16/18 00:38*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/16/18 00:38*	*1*

Lab Sample ID: LCS 480-419960/5
Matrix: Water
Analysis Batch: 419960

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	23.4		ug/L		93	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	23.7		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	23.4		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	21.0		ug/L		84	66 - 127
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.3		ug/L		105	56 - 134
1,2-Dibromoethane	25.0	22.7		ug/L		91	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	22.6		ug/L		90	75 - 120
1,2-Dichloropropane	25.0	22.6		ug/L		90	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	127		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		101	71 - 125
Acetone	125	164		ug/L		131	56 - 142
Benzene	25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	25.0	24.0		ug/L		96	80 - 122
Bromoform	25.0	25.3		ug/L		101	61 - 132
Bromomethane	25.0	22.4		ug/L		90	55 - 144
Carbon disulfide	25.0	20.4		ug/L		82	59 - 134
Carbon tetrachloride	25.0	22.5		ug/L		90	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	22.9		ug/L		92	73 - 127
Chloromethane	25.0	21.9		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	22.6		ug/L		90	74 - 124
cis-1,3-Dichloropropene	25.0	22.0		ug/L		88	74 - 124
Cyclohexane	25.0	23.0		ug/L		92	59 - 135
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	20.4		ug/L		82	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	50.0	48.7		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	22.1		ug/L		88	77 - 120
Methylcyclohexane	25.0	23.0		ug/L		92	68 - 134
Methylene Chloride	25.0	20.6		ug/L		83	75 - 124
Styrene	25.0	22.6		ug/L		90	80 - 120
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	23.1		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	22.7		ug/L		91	73 - 127

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

Lab Sample ID: LCS 480-419960/5
Matrix: Water
Analysis Batch: 419960

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	24.1		ug/L		96	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	22.3		ug/L		89	62 - 150
Vinyl chloride	25.0	22.7		ug/L		91	65 - 133
Xylenes, Total	50.0	47.7		ug/L		95	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: 480-137373-1 MS
Matrix: Ground Water
Analysis Batch: 419960

Client Sample ID: BCC Area C MW-C01 MS_0618
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		125	112		ug/L		89	73 - 126
1,1,2,2-Tetrachloroethane	ND		125	123		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	125	84.1		ug/L		67	61 - 148
1,1,2-Trichloroethane	ND		125	120		ug/L		96	76 - 122
1,1-Dichloroethane	ND		125	118		ug/L		94	77 - 120
1,1-Dichloroethene	ND		125	98.0		ug/L		78	66 - 127
1,2,4-Trichlorobenzene	ND		125	127		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	ND		125	121		ug/L		96	56 - 134
1,2-Dibromoethane	ND		125	115		ug/L		92	77 - 120
1,2-Dichlorobenzene	ND		125	121		ug/L		97	80 - 124
1,2-Dichloroethane	ND		125	117		ug/L		93	75 - 120
1,2-Dichloropropane	ND		125	113		ug/L		90	76 - 120
1,3-Dichlorobenzene	ND		125	124		ug/L		99	77 - 120
1,4-Dichlorobenzene	ND		125	119		ug/L		96	78 - 124
2-Butanone (MEK)	ND		625	642		ug/L		103	57 - 140
2-Hexanone	ND		625	622		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		625	652		ug/L		104	71 - 125
Acetone	ND		625	606		ug/L		97	56 - 142
Benzene	ND		125	116		ug/L		93	71 - 124
Bromodichloromethane	ND		125	121		ug/L		97	80 - 122
Bromoform	ND		125	124		ug/L		100	61 - 132
Bromomethane	ND		125	102		ug/L		82	55 - 144
Carbon disulfide	ND		125	91.4		ug/L		73	59 - 134
Carbon tetrachloride	ND		125	106		ug/L		85	72 - 134
Chlorobenzene	ND		125	121		ug/L		97	80 - 120
Chloroethane	ND		125	109		ug/L		87	69 - 136
Chloroform	ND		125	119		ug/L		96	73 - 127
Chloromethane	ND		125	106		ug/L		85	68 - 124
cis-1,2-Dichloroethene	ND		125	116		ug/L		93	74 - 124
cis-1,3-Dichloropropene	ND		125	108		ug/L		86	74 - 124

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

Lab Sample ID: 480-137373-1 MS
Matrix: Ground Water
Analysis Batch: 419960

Client Sample ID: BCC Area C MW-C01 MS_0618
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		125	88.8		ug/L		71	59 - 135
Dibromochloromethane	ND		125	124		ug/L		99	75 - 125
Dichlorodifluoromethane	ND		125	84.9		ug/L		68	59 - 135
Ethylbenzene	ND		125	114		ug/L		91	77 - 123
Isopropylbenzene	ND		125	115		ug/L		92	77 - 122
Methyl acetate	ND		250	256		ug/L		102	74 - 133
Methyl tert-butyl ether	ND		125	114		ug/L		91	77 - 120
Methylcyclohexane	ND	F2	125	87.5		ug/L		70	68 - 134
Methylene Chloride	ND		125	107		ug/L		85	75 - 124
Styrene	ND		125	115		ug/L		92	80 - 120
Tetrachloroethene	ND		125	121		ug/L		97	74 - 122
Toluene	ND		125	116		ug/L		93	80 - 122
trans-1,2-Dichloroethene	ND		125	110		ug/L		88	73 - 127
trans-1,3-Dichloropropene	ND		125	115		ug/L		92	80 - 120
Trichloroethene	ND		125	120		ug/L		96	74 - 123
Trichlorofluoromethane	ND		125	99.4		ug/L		80	62 - 150
Vinyl chloride	ND		125	103		ug/L		82	65 - 133
Xylenes, Total	ND		250	236		ug/L		94	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*88*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*75 - 123*

Lab Sample ID: 480-137373-1 MSD
Matrix: Ground Water
Analysis Batch: 419960

Client Sample ID: BCC Area C MW-C01 MSD_0618
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		125	118		ug/L		94	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		125	131		ug/L		105	76 - 120	6	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	125	109	F2	ug/L		87	61 - 148	25	20
1,1,2-Trichloroethane	ND		125	135		ug/L		108	76 - 122	11	15
1,1-Dichloroethane	ND		125	121		ug/L		97	77 - 120	3	20
1,1-Dichloroethene	ND		125	108		ug/L		86	66 - 127	9	16
1,2,4-Trichlorobenzene	ND		125	133		ug/L		107	79 - 122	5	20
1,2-Dibromo-3-Chloropropane	ND		125	135		ug/L		108	56 - 134	11	15
1,2-Dibromoethane	ND		125	130		ug/L		104	77 - 120	12	15
1,2-Dichlorobenzene	ND		125	131		ug/L		104	80 - 124	8	20
1,2-Dichloroethane	ND		125	124		ug/L		99	75 - 120	6	20
1,2-Dichloropropane	ND		125	123		ug/L		98	76 - 120	8	20
1,3-Dichlorobenzene	ND		125	137		ug/L		110	77 - 120	10	20
1,4-Dichlorobenzene	ND		125	129		ug/L		103	78 - 124	7	20
2-Butanone (MEK)	ND		625	659		ug/L		105	57 - 140	3	20
2-Hexanone	ND		625	679		ug/L		109	65 - 127	9	15
4-Methyl-2-pentanone (MIBK)	ND		625	726		ug/L		116	71 - 125	11	35

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

Lab Sample ID: 480-137373-1 MSD
Matrix: Ground Water
Analysis Batch: 419960

Client Sample ID: BCC Area C MW-C01 MSD_0618
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		625	646		ug/L		103	56 - 142	6	15
Benzene	ND		125	118		ug/L		95	71 - 124	2	13
Bromodichloromethane	ND		125	128		ug/L		102	80 - 122	6	15
Bromoform	ND		125	142		ug/L		114	61 - 132	13	15
Bromomethane	ND		125	105		ug/L		84	55 - 144	3	15
Carbon disulfide	ND		125	98.5		ug/L		79	59 - 134	7	15
Carbon tetrachloride	ND		125	113		ug/L		90	72 - 134	6	15
Chlorobenzene	ND		125	135		ug/L		108	80 - 120	11	25
Chloroethane	ND		125	104		ug/L		83	69 - 136	5	15
Chloroform	ND		125	119		ug/L		95	73 - 127	0	20
Chloromethane	ND		125	104		ug/L		83	68 - 124	2	15
cis-1,2-Dichloroethene	ND		125	121		ug/L		97	74 - 124	4	15
cis-1,3-Dichloropropene	ND		125	111		ug/L		89	74 - 124	3	15
Cyclohexane	ND		125	108		ug/L		87	59 - 135	20	20
Dibromochloromethane	ND		125	136		ug/L		109	75 - 125	10	15
Dichlorodifluoromethane	ND		125	91.5		ug/L		73	59 - 135	7	20
Ethylbenzene	ND		125	127		ug/L		102	77 - 123	11	15
Isopropylbenzene	ND		125	124		ug/L		99	77 - 122	8	20
Methyl acetate	ND		250	270		ug/L		108	74 - 133	6	20
Methyl tert-butyl ether	ND		125	120		ug/L		96	77 - 120	5	37
Methylcyclohexane	ND	F2	125	108	F2	ug/L		86	68 - 134	21	20
Methylene Chloride	ND		125	115		ug/L		92	75 - 124	8	15
Styrene	ND		125	128		ug/L		102	80 - 120	11	20
Tetrachloroethene	ND		125	135		ug/L		108	74 - 122	11	20
Toluene	ND		125	128		ug/L		103	80 - 122	10	15
trans-1,2-Dichloroethene	ND		125	118		ug/L		95	73 - 127	8	20
trans-1,3-Dichloropropene	ND		125	127		ug/L		102	80 - 120	10	15
Trichloroethene	ND		125	122		ug/L		98	74 - 123	2	16
Trichlorofluoromethane	ND		125	104		ug/L		83	62 - 150	5	20
Vinyl chloride	ND		125	104		ug/L		83	65 - 133	1	15
Xylenes, Total	ND		250	263		ug/L		105	76 - 122	11	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*89*		*80 - 120*
Dibromofluoromethane (Surr)	*84*		*75 - 123*

Lab Sample ID: MB 480-419971/7
Matrix: Water
Analysis Batch: 419971

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			06/16/18 11:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/16/18 11:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/16/18 11:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/16/18 11:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/16/18 11:00	1

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

Lab Sample ID: MB 480-419971/7
Matrix: Water
Analysis Batch: 419971

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			06/16/18 11:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/16/18 11:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/16/18 11:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/16/18 11:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/16/18 11:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/16/18 11:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/16/18 11:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/16/18 11:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/16/18 11:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/16/18 11:00	1
2-Hexanone	ND		5.0	1.2	ug/L			06/16/18 11:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/16/18 11:00	1
Acetone	ND		10	3.0	ug/L			06/16/18 11:00	1
Benzene	ND		1.0	0.41	ug/L			06/16/18 11:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/16/18 11:00	1
Bromoform	ND		1.0	0.26	ug/L			06/16/18 11:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/16/18 11:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/16/18 11:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/16/18 11:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/16/18 11:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/16/18 11:00	1
Chloroform	ND		1.0	0.34	ug/L			06/16/18 11:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/16/18 11:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/16/18 11:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/16/18 11:00	1
Cyclohexane	ND		1.0	0.18	ug/L			06/16/18 11:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/16/18 11:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/16/18 11:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/16/18 11:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/16/18 11:00	1
Methyl acetate	ND		2.5	1.3	ug/L			06/16/18 11:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/16/18 11:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/16/18 11:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/16/18 11:00	1
Styrene	ND		1.0	0.73	ug/L			06/16/18 11:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/16/18 11:00	1
Toluene	ND		1.0	0.51	ug/L			06/16/18 11:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/16/18 11:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/16/18 11:00	1
Trichloroethene	ND		1.0	0.46	ug/L			06/16/18 11:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/16/18 11:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/16/18 11:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/16/18 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*06/16/18 11:00*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*06/16/18 11:00*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/16/18 11:00*	*1*

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

Lab Sample ID: MB 480-419971/7
Matrix: Water
Analysis Batch: 419971

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		75 - 123		06/16/18 11:00	1

Lab Sample ID: LCS 480-419971/5
Matrix: Water
Analysis Batch: 419971

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	27.8		ug/L		111	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	26.3		ug/L		105	61 - 148
1,1,2-Trichloroethane	25.0	25.7		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	25.8		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	23.0		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	27.4		ug/L		110	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.0		ug/L		100	56 - 134
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
1,2-Dichlorobenzene	25.0	27.3		ug/L		109	80 - 124
1,2-Dichloroethane	25.0	27.0		ug/L		108	75 - 120
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 120
2-Butanone (MEK)	125	163		ug/L		130	57 - 140
2-Hexanone	125	144		ug/L		115	65 - 127
4-Methyl-2-pentanone (MIBK)	125	139		ug/L		111	71 - 125
Acetone	125	202	*	ug/L		162	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	27.6		ug/L		110	80 - 122
Bromoform	25.0	26.1		ug/L		105	61 - 132
Bromomethane	25.0	22.1		ug/L		88	55 - 144
Carbon disulfide	25.0	22.0		ug/L		88	59 - 134
Carbon tetrachloride	25.0	27.8		ug/L		111	72 - 134
Chlorobenzene	25.0	26.9		ug/L		108	80 - 120
Chloroethane	25.0	21.2		ug/L		85	69 - 136
Chloroform	25.0	26.1		ug/L		104	73 - 127
Chloromethane	25.0	22.9		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	74 - 124
Cyclohexane	25.0	25.8		ug/L		103	59 - 135
Dibromochloromethane	25.0	25.9		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	21.4		ug/L		86	59 - 135
Ethylbenzene	25.0	25.8		ug/L		103	77 - 123
Isopropylbenzene	25.0	25.4		ug/L		101	77 - 122
Methyl acetate	50.0	57.1		ug/L		114	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	25.0	24.7		ug/L		99	68 - 134
Methylene Chloride	25.0	23.7		ug/L		95	75 - 124
Styrene	25.0	27.0		ug/L		108	80 - 120

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

Lab Sample ID: LCS 480-419971/5
Matrix: Water
Analysis Batch: 419971

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	26.3		ug/L		105	74 - 122
Toluene	25.0	25.5		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	25.9		ug/L		104	80 - 120
Trichloroethene	25.0	26.6		ug/L		107	74 - 123
Trichlorofluoromethane	25.0	25.5		ug/L		102	62 - 150
Vinyl chloride	25.0	22.9		ug/L		92	65 - 133
Xylenes, Total	50.0	54.0		ug/L		108	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: MB 480-420105/7
Matrix: Water
Analysis Batch: 420105

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			06/18/18 11:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/18/18 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/18/18 11:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/18/18 11:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/18/18 11:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/18/18 11:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/18/18 11:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/18/18 11:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/18/18 11:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/18/18 11:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/18/18 11:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/18/18 11:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/18/18 11:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/18/18 11:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/18/18 11:49	1
2-Hexanone	ND		5.0	1.2	ug/L			06/18/18 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/18/18 11:49	1
Acetone	ND		10	3.0	ug/L			06/18/18 11:49	1
Benzene	ND		1.0	0.41	ug/L			06/18/18 11:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/18/18 11:49	1
Bromoform	ND		1.0	0.26	ug/L			06/18/18 11:49	1
Bromomethane	ND		1.0	0.69	ug/L			06/18/18 11:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/18/18 11:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/18/18 11:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/18/18 11:49	1
Chloroethane	ND		1.0	0.32	ug/L			06/18/18 11:49	1
Chloroform	ND		1.0	0.34	ug/L			06/18/18 11:49	1
Chloromethane	ND		1.0	0.35	ug/L			06/18/18 11:49	1

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

Lab Sample ID: MB 480-420105/7
Matrix: Water
Analysis Batch: 420105

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/18/18 11:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/18/18 11:49	1
Cyclohexane	ND		1.0	0.18	ug/L			06/18/18 11:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/18/18 11:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/18/18 11:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/18/18 11:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/18/18 11:49	1
Methyl acetate	ND		2.5	1.3	ug/L			06/18/18 11:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/18/18 11:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/18/18 11:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/18/18 11:49	1
Styrene	ND		1.0	0.73	ug/L			06/18/18 11:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/18/18 11:49	1
Toluene	ND		1.0	0.51	ug/L			06/18/18 11:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/18/18 11:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/18/18 11:49	1
Trichloroethene	ND		1.0	0.46	ug/L			06/18/18 11:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/18/18 11:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/18/18 11:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/18/18 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*06/18/18 11:49*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*06/18/18 11:49*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/18/18 11:49*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*06/18/18 11:49*	*1*

Lab Sample ID: LCS 480-420105/5
Matrix: Water
Analysis Batch: 420105

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	30.0		ug/L		120	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	27.4		ug/L		110	61 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	26.2		ug/L		105	77 - 120
1,1-Dichloroethene	25.0	22.9		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.5		ug/L		102	56 - 134
1,2-Dibromoethane	25.0	25.4		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	31.0	*	ug/L		124	75 - 120
1,2-Dichloropropane	25.0	26.2		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 120
2-Butanone (MEK)	125	157		ug/L		126	57 - 140

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

Lab Sample ID: LCS 480-420105/5
Matrix: Water
Analysis Batch: 420105

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	125	141		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		107	71 - 125
Acetone	125	200	*	ug/L		160	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	28.8		ug/L		115	80 - 122
Bromoform	25.0	28.4		ug/L		114	61 - 132
Bromomethane	25.0	21.4		ug/L		86	55 - 144
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134
Carbon tetrachloride	25.0	29.6		ug/L		118	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	80 - 120
Chloroethane	25.0	20.4		ug/L		82	69 - 136
Chloroform	25.0	27.4		ug/L		110	73 - 127
Chloromethane	25.0	21.2		ug/L		85	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dibromochloromethane	25.0	26.1		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	20.3		ug/L		81	59 - 135
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
Isopropylbenzene	25.0	23.9		ug/L		96	77 - 122
Methyl acetate	50.0	57.8		ug/L		116	74 - 133
Methyl tert-butyl ether	25.0	26.7		ug/L		107	77 - 120
Methylcyclohexane	25.0	23.8		ug/L		95	68 - 134
Methylene Chloride	25.0	24.0		ug/L		96	75 - 124
Styrene	25.0	26.1		ug/L		105	80 - 120
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	26.2		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	25.4		ug/L		102	80 - 120
Trichloroethene	25.0	28.3		ug/L		113	74 - 123
Trichlorofluoromethane	25.0	25.1		ug/L		101	62 - 150
Vinyl chloride	25.0	20.6		ug/L		82	65 - 133
Xylenes, Total	50.0	51.1		ug/L		102	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

Lab Sample ID: MB 480-420288/7
Matrix: Water
Analysis Batch: 420288

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			06/19/18 09:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/18 09:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/18 09:50	1

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

Lab Sample ID: MB 480-420288/7
Matrix: Water
Analysis Batch: 420288

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/18 09:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/18 09:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/18 09:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/18 09:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/18 09:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/18 09:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/18 09:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/18 09:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/18 09:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/18 09:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/18 09:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/18 09:50	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/18 09:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/18 09:50	1
Acetone	ND		10	3.0	ug/L			06/19/18 09:50	1
Benzene	ND		1.0	0.41	ug/L			06/19/18 09:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/18 09:50	1
Bromoform	ND		1.0	0.26	ug/L			06/19/18 09:50	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/18 09:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/18 09:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/18 09:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/18 09:50	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/18 09:50	1
Chloroform	ND		1.0	0.34	ug/L			06/19/18 09:50	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/18 09:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/18 09:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/18 09:50	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/18 09:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/18 09:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/18 09:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/18 09:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/18 09:50	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/18 09:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/18 09:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/18 09:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/18 09:50	1
Styrene	ND		1.0	0.73	ug/L			06/19/18 09:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/18 09:50	1
Toluene	ND		1.0	0.51	ug/L			06/19/18 09:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/18 09:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/18 09:50	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/18 09:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/18 09:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/18 09:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/18 09:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 120*		*06/19/18 09:50*	*1*

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

Lab Sample ID: MB 480-420288/7
Matrix: Water
Analysis Batch: 420288

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		73 - 120		06/19/18 09:50	1
Toluene-d8 (Surr)	100		80 - 120		06/19/18 09:50	1
Dibromofluoromethane (Surr)	102		75 - 123		06/19/18 09:50	1

Lab Sample ID: LCS 480-420288/5
Matrix: Water
Analysis Batch: 420288

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.0		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.9		ug/L		88	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.4		ug/L		114	61 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.3		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	25.7		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.6		ug/L		83	56 - 134
1,2-Dibromoethane	25.0	24.7		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	25.5		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 120
2-Butanone (MEK)	125	152		ug/L		122	57 - 140
2-Hexanone	125	134		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	217	*	ug/L		174	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Bromoform	25.0	22.4		ug/L		90	61 - 132
Bromomethane	25.0	25.9		ug/L		103	55 - 144
Carbon disulfide	25.0	24.2		ug/L		97	59 - 134
Carbon tetrachloride	25.0	28.7		ug/L		115	72 - 134
Chlorobenzene	25.0	24.6		ug/L		98	80 - 120
Chloroethane	25.0	26.7		ug/L		107	69 - 136
Chloroform	25.0	24.4		ug/L		97	73 - 127
Chloromethane	25.0	26.7		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	74 - 124
Cyclohexane	25.0	28.8		ug/L		115	59 - 135
Dibromochloromethane	25.0	23.8		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	27.1		ug/L		108	59 - 135
Ethylbenzene	25.0	24.6		ug/L		99	77 - 123
Isopropylbenzene	25.0	24.1		ug/L		97	77 - 122
Methyl acetate	50.0	47.8		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	77 - 120
Methylcyclohexane	25.0	27.3		ug/L		109	68 - 134

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

Lab Sample ID: LCS 480-420288/5
Matrix: Water
Analysis Batch: 420288

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	23.1		ug/L		92	75 - 124
Styrene	25.0	24.9		ug/L		100	80 - 120
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	24.2		ug/L		97	80 - 120
Trichloroethene	25.0	26.1		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	30.0		ug/L		120	62 - 150
Vinyl chloride	25.0	25.9		ug/L		104	65 - 133
Xylenes, Total	50.0	49.2		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: 480-137373-6 MS
Matrix: Ground Water
Analysis Batch: 420288

Client Sample ID: BCC Area C PS-05A_0618
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	258		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	224		ug/L		89	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	283		ug/L		113	61 - 148
1,1,2-Trichloroethane	ND		250	235		ug/L		94	76 - 122
1,1-Dichloroethane	ND		250	244		ug/L		98	77 - 120
1,1-Dichloroethene	ND		250	247		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	ND		250	261		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	ND		250	218		ug/L		87	56 - 134
1,2-Dibromoethane	ND		250	241		ug/L		97	77 - 120
1,2-Dichlorobenzene	27		250	275		ug/L		99	80 - 124
1,2-Dichloroethane	ND		250	256		ug/L		102	75 - 120
1,2-Dichloropropane	ND		250	248		ug/L		99	76 - 120
1,3-Dichlorobenzene	ND		250	241		ug/L		96	77 - 120
1,4-Dichlorobenzene	ND		250	248		ug/L		99	78 - 124
2-Butanone (MEK)	ND		1250	1460		ug/L		117	57 - 140
2-Hexanone	ND		1250	1330		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1260		ug/L		101	71 - 125
Acetone	ND	*	1250	1640		ug/L		131	56 - 142
Benzene	ND		250	235		ug/L		94	71 - 124
Bromodichloromethane	ND		250	253		ug/L		101	80 - 122
Bromoform	ND		250	198		ug/L		79	61 - 132
Bromomethane	ND		245	245		ug/L		100	55 - 144
Carbon disulfide	ND		250	235		ug/L		94	59 - 134
Carbon tetrachloride	ND		250	281		ug/L		113	72 - 134
Chlorobenzene	740	F1	250	878	F1	ug/L		56	80 - 120

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

Lab Sample ID: 480-137373-6 MS
Matrix: Ground Water
Analysis Batch: 420288

Client Sample ID: BCC Area C PS-05A_0618
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	ND		245	276		ug/L		113	69 - 136
Chloroform	ND		250	244		ug/L		98	73 - 127
Chloromethane	ND		245	274		ug/L		112	68 - 124
cis-1,2-Dichloroethene	ND		250	239		ug/L		96	74 - 124
cis-1,3-Dichloropropene	ND		250	228		ug/L		91	74 - 124
Cyclohexane	ND		250	294		ug/L		117	59 - 135
Dibromochloromethane	ND		250	229		ug/L		92	75 - 125
Dichlorodifluoromethane	ND		245	281		ug/L		115	59 - 135
Ethylbenzene	ND		250	239		ug/L		96	77 - 123
Isopropylbenzene	ND		250	244		ug/L		97	77 - 122
Methyl acetate	ND		500	525		ug/L		105	74 - 133
Methyl tert-butyl ether	ND		250	229		ug/L		92	77 - 120
Methylcyclohexane	ND		250	259		ug/L		104	68 - 134
Methylene Chloride	ND		250	228		ug/L		91	75 - 124
Styrene	ND		250	249		ug/L		100	80 - 120
Tetrachloroethene	ND		250	258		ug/L		103	74 - 122
Toluene	ND		250	241		ug/L		97	80 - 122
trans-1,2-Dichloroethene	ND		250	226		ug/L		91	73 - 127
trans-1,3-Dichloropropene	ND		250	229		ug/L		92	80 - 120
Trichloroethene	ND		250	242		ug/L		97	74 - 123
Trichlorofluoromethane	ND		245	303		ug/L		124	62 - 150
Vinyl chloride	ND		245	261		ug/L		106	65 - 133
Xylenes, Total	ND		500	490		ug/L		98	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: 480-137373-6 MSD
Matrix: Ground Water
Analysis Batch: 420288

Client Sample ID: BCC Area C PS-05A_0618
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		245	260		ug/L		106	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		245	229		ug/L		93	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		245	290		ug/L		118	61 - 148	2	20
1,1,2-Trichloroethane	ND		245	245		ug/L		100	76 - 122	4	15
1,1-Dichloroethane	ND		245	241		ug/L		99	77 - 120	1	20
1,1-Dichloroethene	ND		245	240		ug/L		98	66 - 127	3	16
1,2,4-Trichlorobenzene	ND		245	231		ug/L		94	79 - 122	12	20
1,2-Dibromo-3-Chloropropane	ND		245	213		ug/L		87	56 - 134	2	15
1,2-Dibromoethane	ND		245	250		ug/L		102	77 - 120	4	15
1,2-Dichlorobenzene	27		245	264		ug/L		96	80 - 124	4	20
1,2-Dichloroethane	ND		245	268		ug/L		109	75 - 120	5	20
1,2-Dichloropropane	ND		245	245		ug/L		100	76 - 120	1	20

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

Lab Sample ID: 480-137373-6 MSD
Matrix: Ground Water
Analysis Batch: 420288

Client Sample ID: BCC Area C PS-05A_0618
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	ND		245	244		ug/L		100	77 - 120	1	20
1,4-Dichlorobenzene	ND		245	242		ug/L		99	78 - 124	2	20
2-Butanone (MEK)	ND		1230	1550		ug/L		126	57 - 140	6	20
2-Hexanone	ND		1230	1490		ug/L		122	65 - 127	11	15
4-Methyl-2-pentanone (MIBK)	ND		1230	1320		ug/L		108	71 - 125	4	35
Acetone	ND	*	1230	1720		ug/L		140	56 - 142	5	15
Benzene	ND		245	238		ug/L		97	71 - 124	1	13
Bromodichloromethane	ND		245	259		ug/L		106	80 - 122	2	15
Bromoform	ND		245	220		ug/L		90	61 - 132	11	15
Bromomethane	ND		245	252		ug/L		103	55 - 144	3	15
Carbon disulfide	ND		245	234		ug/L		95	59 - 134	0	15
Carbon tetrachloride	ND		245	287		ug/L		117	72 - 134	2	15
Chlorobenzene	740	F1	245	879	F1	ug/L		57	80 - 120	0	25
Chloroethane	ND		245	273		ug/L		111	69 - 136	1	15
Chloroform	ND		245	243		ug/L		99	73 - 127	1	20
Chloromethane	ND		245	264		ug/L		108	68 - 124	4	15
cis-1,2-Dichloroethene	ND		245	239		ug/L		98	74 - 124	0	15
cis-1,3-Dichloropropene	ND		245	242		ug/L		99	74 - 124	6	15
Cyclohexane	ND		245	289		ug/L		118	59 - 135	1	20
Dibromochloromethane	ND		245	230		ug/L		94	75 - 125	1	15
Dichlorodifluoromethane	ND		245	281		ug/L		115	59 - 135	0	20
Ethylbenzene	ND		245	241		ug/L		98	77 - 123	1	15
Isopropylbenzene	ND		245	237		ug/L		97	77 - 122	3	20
Methyl acetate	ND		490	520		ug/L		106	74 - 133	1	20
Methyl tert-butyl ether	ND		245	236		ug/L		96	77 - 120	3	37
Methylcyclohexane	ND		245	264		ug/L		108	68 - 134	2	20
Methylene Chloride	ND		245	224		ug/L		91	75 - 124	2	15
Styrene	ND		245	252		ug/L		103	80 - 120	1	20
Tetrachloroethene	ND		245	254		ug/L		104	74 - 122	1	20
Toluene	ND		245	235		ug/L		96	80 - 122	3	15
trans-1,2-Dichloroethene	ND		245	231		ug/L		94	73 - 127	2	20
trans-1,3-Dichloropropene	ND		245	230		ug/L		94	80 - 120	1	15
Trichloroethene	ND		245	244		ug/L		100	74 - 123	1	16
Trichlorofluoromethane	ND		245	303		ug/L		124	62 - 150	0	20
Vinyl chloride	ND		245	264		ug/L		108	65 - 133	1	15
Xylenes, Total	ND		490	488		ug/L		100	76 - 122	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

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

Lab Sample ID: MB 480-419650/1-A
Matrix: Water
Analysis Batch: 419791

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 419650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 15:57	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/14/18 15:14	06/15/18 15:57	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 15:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/14/18 15:14	06/15/18 15:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 15:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 15:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 15:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 15:57	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/14/18 15:14	06/15/18 15:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/14/18 15:14	06/15/18 15:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 15:57	1
2-Nitroaniline	ND		10	0.42	ug/L		06/14/18 15:14	06/15/18 15:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/14/18 15:14	06/15/18 15:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 15:57	1
3-Nitroaniline	ND		10	0.48	ug/L		06/14/18 15:14	06/15/18 15:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 15:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 15:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/14/18 15:14	06/15/18 15:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 15:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 15:57	1
4-Methylphenol	ND		10	0.36	ug/L		06/14/18 15:14	06/15/18 15:57	1
4-Nitroaniline	ND		10	0.25	ug/L		06/14/18 15:14	06/15/18 15:57	1
4-Nitrophenol	ND		10	1.5	ug/L		06/14/18 15:14	06/15/18 15:57	1
Acenaphthene	ND		5.0	0.41	ug/L		06/14/18 15:14	06/15/18 15:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/14/18 15:14	06/15/18 15:57	1
Acetophenone	0.767	J	5.0	0.54	ug/L		06/14/18 15:14	06/15/18 15:57	1
Aniline	ND		10	0.61	ug/L		06/14/18 15:14	06/15/18 15:57	1
Anthracene	ND		5.0	0.28	ug/L		06/14/18 15:14	06/15/18 15:57	1
Atrazine	ND		5.0	0.46	ug/L		06/14/18 15:14	06/15/18 15:57	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/14/18 15:14	06/15/18 15:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 15:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 15:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 15:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 15:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/14/18 15:14	06/15/18 15:57	1
Biphenyl	ND		5.0	0.65	ug/L		06/14/18 15:14	06/15/18 15:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/14/18 15:14	06/15/18 15:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/14/18 15:14	06/15/18 15:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 15:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 15:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/14/18 15:14	06/15/18 15:57	1
Caprolactam	ND		5.0	2.2	ug/L		06/14/18 15:14	06/15/18 15:57	1
Carbazole	ND		5.0	0.30	ug/L		06/14/18 15:14	06/15/18 15:57	1
Chrysene	ND		5.0	0.33	ug/L		06/14/18 15:14	06/15/18 15:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/14/18 15:14	06/15/18 15:57	1
Dibenzofuran	ND		10	0.51	ug/L		06/14/18 15:14	06/15/18 15:57	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/14/18 15:14	06/15/18 15:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 15:57	1

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

Lab Sample ID: MB 480-419650/1-A
Matrix: Water
Analysis Batch: 419791

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 419650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/14/18 15:14	06/15/18 15:57	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 15:57	1
Fluoranthene	ND		5.0	0.40	ug/L		06/14/18 15:14	06/15/18 15:57	1
Fluorene	ND		5.0	0.36	ug/L		06/14/18 15:14	06/15/18 15:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 15:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/14/18 15:14	06/15/18 15:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 15:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/14/18 15:14	06/15/18 15:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/14/18 15:14	06/15/18 15:57	1
Isophorone	ND		5.0	0.43	ug/L		06/14/18 15:14	06/15/18 15:57	1
Naphthalene	ND		5.0	0.76	ug/L		06/14/18 15:14	06/15/18 15:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/14/18 15:14	06/15/18 15:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/14/18 15:14	06/15/18 15:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/14/18 15:14	06/15/18 15:57	1
Pentachlorophenol	ND		10	2.2	ug/L		06/14/18 15:14	06/15/18 15:57	1
Phenanthrene	ND		5.0	0.44	ug/L		06/14/18 15:14	06/15/18 15:57	1
Phenol	ND		5.0	0.39	ug/L		06/14/18 15:14	06/15/18 15:57	1
Pyrene	ND		5.0	0.34	ug/L		06/14/18 15:14	06/15/18 15:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*76*		*41 - 120*	*06/14/18 15:14*	*06/15/18 15:57*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*06/14/18 15:14*	*06/15/18 15:57*	*1*
2-Fluorophenol	*69*		*35 - 120*	*06/14/18 15:14*	*06/15/18 15:57*	*1*
Nitrobenzene-d5	*90*		*46 - 120*	*06/14/18 15:14*	*06/15/18 15:57*	*1*
Phenol-d5	*51*		*22 - 120*	*06/14/18 15:14*	*06/15/18 15:57*	*1*
p-Terphenyl-d14	*119*		*59 - 136*	*06/14/18 15:14*	*06/15/18 15:57*	*1*

Lab Sample ID: LCS 480-419650/2-A
Matrix: Water
Analysis Batch: 419791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 419650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	32.8		ug/L		102	65 - 126
2,4,6-Trichlorophenol	32.0	30.9		ug/L		97	64 - 120
2,4-Dichlorophenol	32.0	30.4		ug/L		95	63 - 120
2,4-Dimethylphenol	32.0	28.8		ug/L		90	47 - 120
2,4-Dinitrophenol	64.0	64.5		ug/L		101	31 - 137
2,4-Dinitrotoluene	32.0	34.4		ug/L		108	69 - 120
2,6-Dinitrotoluene	32.0	32.6		ug/L		102	68 - 120
2-Chloronaphthalene	32.0	26.9		ug/L		84	58 - 120
2-Chlorophenol	32.0	26.2		ug/L		82	48 - 120
2-Methylnaphthalene	32.0	27.8		ug/L		87	59 - 120
2-Methylphenol	32.0	25.6		ug/L		80	39 - 120
2-Nitroaniline	32.0	28.6		ug/L		89	54 - 127
2-Nitrophenol	32.0	28.9		ug/L		90	52 - 125
3,3'-Dichlorobenzidine	64.0	62.6		ug/L		98	49 - 135
3-Nitroaniline	32.0	29.1		ug/L		91	51 - 120
4,6-Dinitro-2-methylphenol	64.0	66.3		ug/L		104	46 - 136

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

Lab Sample ID: LCS 480-419650/2-A
Matrix: Water
Analysis Batch: 419791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 419650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	32.0	31.4		ug/L		98	65 - 120
4-Chloro-3-methylphenol	32.0	30.5		ug/L		95	61 - 123
4-Chloroaniline	32.0	28.8		ug/L		90	30 - 120
4-Chlorophenyl phenyl ether	32.0	32.1		ug/L		100	62 - 120
4-Methylphenol	32.0	25.1		ug/L		79	29 - 131
4-Nitroaniline	32.0	32.5		ug/L		102	65 - 120
4-Nitrophenol	64.0	54.4		ug/L		85	45 - 120
Acenaphthene	32.0	27.9		ug/L		87	60 - 120
Acenaphthylene	32.0	28.3		ug/L		88	63 - 120
Acetophenone	32.0	27.7		ug/L		86	45 - 120
Aniline	32.0	20.3		ug/L		63	12 - 120
Anthracene	32.0	31.2		ug/L		98	67 - 120
Atrazine	64.0	79.9		ug/L		125	71 - 130
Benzaldehyde	64.0	21.4		ug/L		33	10 - 140
Benzo(a)anthracene	32.0	33.1		ug/L		104	70 - 121
Benzo(a)pyrene	32.0	34.4		ug/L		108	60 - 123
Benzo(b)fluoranthene	32.0	36.1		ug/L		113	66 - 126
Benzo(g,h,i)perylene	32.0	32.0		ug/L		100	66 - 150
Benzo(k)fluoranthene	32.0	37.3		ug/L		116	65 - 124
Biphenyl	32.0	26.7		ug/L		83	59 - 120
bis (2-chloroisopropyl) ether	32.0	23.8		ug/L		74	21 - 136
Bis(2-chloroethoxy)methane	32.0	27.7		ug/L		87	50 - 128
Bis(2-chloroethyl)ether	32.0	25.6		ug/L		80	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.5		ug/L		102	63 - 139
Butyl benzyl phthalate	32.0	32.7		ug/L		102	70 - 129
Caprolactam	64.0	28.8		ug/L		45	22 - 120
Carbazole	32.0	32.8		ug/L		102	66 - 123
Chrysene	32.0	31.9		ug/L		100	69 - 120
Dibenz(a,h)anthracene	32.0	32.8		ug/L		102	65 - 135
Dibenzofuran	32.0	29.1		ug/L		91	66 - 120
Diethyl phthalate	32.0	34.0		ug/L		106	59 - 127
Dimethyl phthalate	32.0	32.9		ug/L		103	68 - 120
Di-n-butyl phthalate	32.0	34.2		ug/L		107	69 - 131
Di-n-octyl phthalate	32.0	31.2		ug/L		97	63 - 140
Fluoranthene	32.0	34.7		ug/L		109	69 - 126
Fluorene	32.0	30.2		ug/L		94	66 - 120
Hexachlorobenzene	32.0	31.4		ug/L		98	61 - 120
Hexachlorobutadiene	32.0	26.8		ug/L		84	35 - 120
Hexachlorocyclopentadiene	32.0	17.1		ug/L		54	31 - 120
Hexachloroethane	32.0	22.0		ug/L		69	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	32.7		ug/L		102	69 - 146
Isophorone	32.0	29.6		ug/L		92	55 - 120
Naphthalene	32.0	25.9		ug/L		81	57 - 120
Nitrobenzene	32.0	27.7		ug/L		86	53 - 123
N-Nitrosodi-n-propylamine	32.0	27.5		ug/L		86	32 - 140
N-Nitrosodiphenylamine	32.0	30.5		ug/L		95	61 - 120
Pentachlorophenol	64.0	47.1		ug/L		74	29 - 136
Phenanthrene	32.0	29.6		ug/L		92	68 - 120

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

Lab Sample ID: LCS 480-419650/2-A
Matrix: Water
Analysis Batch: 419791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 419650

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phenol			32.0	17.6		ug/L		55	17 - 120		
Pyrene			32.0	31.8		ug/L		99	70 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*96*		*41 - 120*
2-Fluorobiphenyl	*91*		*48 - 120*
2-Fluorophenol	*69*		*35 - 120*
Nitrobenzene-d5	*91*		*46 - 120*
Phenol-d5	*58*		*22 - 120*
p-Terphenyl-d14	*118*		*59 - 136*

Lab Sample ID: 480-137373-1 MS
Matrix: Ground Water
Analysis Batch: 419791

Client Sample ID: BCC Area C MW-C01 MS_0618
Prep Type: Total/NA
Prep Batch: 419650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,5-Trichlorophenol	ND		32.0	32.8		ug/L		102	65 - 126		
2,4,6-Trichlorophenol	ND		32.0	29.7		ug/L		93	64 - 120		
2,4-Dichlorophenol	ND		32.0	29.9		ug/L		93	48 - 132		
2,4-Dimethylphenol	ND		32.0	28.4		ug/L		89	39 - 130		
2,4-Dinitrophenol	ND		64.0	68.3		ug/L		107	21 - 150		
2,4-Dinitrotoluene	ND		32.0	34.1		ug/L		107	54 - 138		
2,6-Dinitrotoluene	ND		32.0	32.6		ug/L		102	17 - 150		
2-Chloronaphthalene	ND		32.0	27.4		ug/L		86	52 - 124		
2-Chlorophenol	ND		32.0	25.5		ug/L		80	48 - 120		
2-Methylnaphthalene	ND		32.0	28.2		ug/L		88	34 - 140		
2-Methylphenol	ND		32.0	25.0		ug/L		78	46 - 120		
2-Nitroaniline	ND	F1	32.0	12.3	F1	ug/L		38	44 - 136		
2-Nitrophenol	ND		32.0	29.3		ug/L		92	38 - 141		
3,3'-Dichlorobenzidine	ND	F1	64.0	ND	F1	ug/L		0	10 - 150		
3-Nitroaniline	ND	F1 F2	32.0	3.40	J F1	ug/L		11	32 - 150		
4,6-Dinitro-2-methylphenol	ND		64.0	66.2		ug/L		103	38 - 150		
4-Bromophenyl phenyl ether	ND		32.0	31.1		ug/L		97	63 - 126		
4-Chloro-3-methylphenol	ND		32.0	30.8		ug/L		96	64 - 127		
4-Chloroaniline	ND		32.0	13.5		ug/L		42	16 - 124		
4-Chlorophenyl phenyl ether	ND		32.0	32.0		ug/L		100	61 - 120		
4-Methylphenol	ND		32.0	23.5		ug/L		73	36 - 120		
4-Nitroaniline	ND	F1	32.0	2.50	J F1	ug/L		8	32 - 150		
4-Nitrophenol	ND		64.0	54.7		ug/L		85	23 - 132		
Acenaphthene	ND		32.0	29.2		ug/L		91	48 - 120		
Acenaphthylene	ND		32.0	29.5		ug/L		92	63 - 120		
Acetophenone	ND		32.0	26.7		ug/L		83	53 - 120		
Aniline	ND		32.0	11.7		ug/L		37	32 - 120		
Anthracene	ND		32.0	30.9		ug/L		97	65 - 122		
Atrazine	ND		64.0	75.2		ug/L		118	50 - 150		
Benzaldehyde	ND		64.0	20.4		ug/L		32	10 - 150		
Benzo(a)anthracene	0.55	J	32.0	32.8		ug/L		101	43 - 124		
Benzo(a)pyrene	0.59	J	32.0	30.3		ug/L		93	23 - 125		

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

Lab Sample ID: 480-137373-1 MS
Matrix: Ground Water
Analysis Batch: 419791

Client Sample ID: BCC Area C MW-C01 MS_0618
Prep Type: Total/NA
Prep Batch: 419650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo(b)fluoranthene	0.79	J	32.0	32.3		ug/L		99	27 - 127
Benzo(g,h,i)perylene	0.40	J	32.0	28.8		ug/L		89	16 - 147
Benzo(k)fluoranthene	ND		32.0	32.4		ug/L		101	20 - 124
Biphenyl	ND		32.0	29.1		ug/L		91	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	24.3		ug/L		76	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	28.3		ug/L		88	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	24.7		ug/L		77	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	30.4		ug/L		95	16 - 150
Butyl benzyl phthalate	ND		32.0	31.9		ug/L		100	51 - 140
Caprolactam	ND		64.0	26.8		ug/L		42	10 - 120
Carbazole	ND		32.0	32.9		ug/L		103	16 - 148
Chrysene	0.53	J	32.0	31.5		ug/L		97	44 - 122
Dibenz(a,h)anthracene	ND		32.0	29.3		ug/L		92	16 - 139
Dibenzofuran	ND		32.0	30.0		ug/L		94	60 - 120
Diethyl phthalate	ND		32.0	34.0		ug/L		106	53 - 133
Dimethyl phthalate	ND		32.0	32.8		ug/L		103	59 - 123
Di-n-butyl phthalate	ND		32.0	34.2		ug/L		107	65 - 129
Di-n-octyl phthalate	ND		32.0	29.7		ug/L		93	16 - 150
Fluoranthene	1.3	J	32.0	35.8		ug/L		108	63 - 129
Fluorene	ND		32.0	31.0		ug/L		97	62 - 120
Hexachlorobenzene	ND		32.0	30.0		ug/L		94	57 - 121
Hexachlorobutadiene	ND		32.0	26.6		ug/L		83	37 - 120
Hexachlorocyclopentadiene	ND		32.0	19.5		ug/L		61	21 - 120
Hexachloroethane	ND		32.0	22.3		ug/L		70	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	29.4		ug/L		92	16 - 140
Isophorone	ND		32.0	29.3		ug/L		92	48 - 133
Naphthalene	ND		32.0	26.0		ug/L		81	45 - 120
Nitrobenzene	ND		32.0	38.6		ug/L		121	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	26.2		ug/L		82	49 - 120
N-Nitrosodiphenylamine	ND		32.0	29.6		ug/L		93	39 - 138
Pentachlorophenol	ND		64.0	48.5		ug/L		76	23 - 149
Phenanthrene	0.63	J	32.0	31.2		ug/L		95	65 - 122
Phenol	ND		32.0	16.5		ug/L		52	16 - 120
Pyrene	0.98	J	32.0	32.9		ug/L		100	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*91*		*41 - 120*
2-Fluorobiphenyl	*92*		*48 - 120*
2-Fluorophenol	*67*		*35 - 120*
Nitrobenzene-d5	*89*		*46 - 120*
Phenol-d5	*54*		*22 - 120*
p-Terphenyl-d14	*96*		*59 - 136*

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

Lab Sample ID: 480-137373-1 MSD
Matrix: Ground Water
Analysis Batch: 419791

Client Sample ID: BCC Area C MW-C01 MSD_0618
Prep Type: Total/NA
Prep Batch: 419650

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	33.8		ug/L		106	65 - 126	3	18
2,4,6-Trichlorophenol	ND		32.0	31.4		ug/L		98	64 - 120	6	19
2,4-Dichlorophenol	ND		32.0	30.1		ug/L		94	48 - 132	1	19
2,4-Dimethylphenol	ND		32.0	27.5		ug/L		86	39 - 130	3	42
2,4-Dinitrophenol	ND		64.0	71.9		ug/L		112	21 - 150	5	22
2,4-Dinitrotoluene	ND		32.0	34.9		ug/L		109	54 - 138	2	20
2,6-Dinitrotoluene	ND		32.0	34.0		ug/L		106	17 - 150	4	15
2-Chloronaphthalene	ND		32.0	28.3		ug/L		89	52 - 124	3	21
2-Chlorophenol	ND		32.0	24.9		ug/L		78	48 - 120	2	25
2-Methylnaphthalene	ND		32.0	28.3		ug/L		88	34 - 140	0	21
2-Methylphenol	ND		32.0	24.9		ug/L		78	46 - 120	0	27
2-Nitroaniline	ND	F1	32.0	11.2	F1	ug/L		35	44 - 136	9	15
2-Nitrophenol	ND		32.0	29.5		ug/L		92	38 - 141	1	18
3,3'-Dichlorobenzidine	ND	F1	64.0	ND	F1	ug/L		0	10 - 150	NC	25
3-Nitroaniline	ND	F1 F2	32.0	2.55	J F1 F2	ug/L		8	32 - 150	29	19
4,6-Dinitro-2-methylphenol	ND		64.0	68.5		ug/L		107	38 - 150	3	15
4-Bromophenyl phenyl ether	ND		32.0	33.2		ug/L		104	63 - 126	7	15
4-Chloro-3-methylphenol	ND		32.0	30.4		ug/L		95	64 - 127	1	27
4-Chloroaniline	ND		32.0	13.8		ug/L		43	16 - 124	2	22
4-Chlorophenyl phenyl ether	ND		32.0	34.2		ug/L		107	61 - 120	7	16
4-Methylphenol	ND		32.0	23.8		ug/L		74	36 - 120	1	24
4-Nitroaniline	ND	F1	32.0	2.26	J F1	ug/L		7	32 - 150	10	24
4-Nitrophenol	ND		64.0	55.2		ug/L		86	23 - 132	1	48
Acenaphthene	ND		32.0	29.1		ug/L		91	48 - 120	0	24
Acenaphthylene	ND		32.0	29.5		ug/L		92	63 - 120	0	18
Acetophenone	ND		32.0	26.5		ug/L		83	53 - 120	1	20
Aniline	ND		32.0	13.3		ug/L		41	32 - 120	12	30
Anthracene	ND		32.0	31.5		ug/L		98	65 - 122	2	15
Atrazine	ND		64.0	80.6		ug/L		126	50 - 150	7	20
Benzaldehyde	ND		64.0	20.6		ug/L		32	10 - 150	1	20
Benzo(a)anthracene	0.55	J	32.0	33.5		ug/L		103	43 - 124	2	15
Benzo(a)pyrene	0.59	J	32.0	31.3		ug/L		96	23 - 125	3	15
Benzo(b)fluoranthene	0.79	J	32.0	34.8		ug/L		106	27 - 127	8	15
Benzo(g,h,i)perylene	0.40	J	32.0	32.2		ug/L		100	16 - 147	11	15
Benzo(k)fluoranthene	ND		32.0	33.5		ug/L		105	20 - 124	3	22
Biphenyl	ND		32.0	29.1		ug/L		91	57 - 120	0	20
bis (2-chloroisopropyl) ether	ND		32.0	24.2		ug/L		76	28 - 121	0	24
Bis(2-chloroethoxy)methane	ND		32.0	27.0		ug/L		84	44 - 128	5	17
Bis(2-chloroethyl)ether	ND		32.0	23.9		ug/L		75	45 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		32.0	32.6		ug/L		102	16 - 150	7	15
Butyl benzyl phthalate	ND		32.0	34.6		ug/L		108	51 - 140	8	16
Caprolactam	ND		64.0	27.0		ug/L		42	10 - 120	1	20
Carbazole	ND		32.0	33.1		ug/L		103	16 - 148	1	20
Chrysene	0.53	J	32.0	32.8		ug/L		101	44 - 122	4	15
Dibenz(a,h)anthracene	ND		32.0	32.3		ug/L		101	16 - 139	10	15
Dibenzofuran	ND		32.0	30.5		ug/L		95	60 - 120	2	15
Diethyl phthalate	ND		32.0	35.0		ug/L		109	53 - 133	3	15
Dimethyl phthalate	ND		32.0	33.8		ug/L		106	59 - 123	3	15

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

Lab Sample ID: 480-137373-1 MSD
Matrix: Ground Water
Analysis Batch: 419791

Client Sample ID: BCC Area C MW-C01 MSD_0618
Prep Type: Total/NA
Prep Batch: 419650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-butyl phthalate	ND		32.0	34.1		ug/L		107	65 - 129	0	15
Di-n-octyl phthalate	ND		32.0	30.7		ug/L		96	16 - 150	3	16
Fluoranthene	1.3	J	32.0	35.5		ug/L		107	63 - 129	1	15
Fluorene	ND		32.0	32.1		ug/L		100	62 - 120	3	15
Hexachlorobenzene	ND		32.0	32.4		ug/L		101	57 - 121	8	15
Hexachlorobutadiene	ND		32.0	26.8		ug/L		84	37 - 120	1	44
Hexachlorocyclopentadiene	ND		32.0	21.1		ug/L		66	21 - 120	8	49
Hexachloroethane	ND		32.0	22.0		ug/L		69	16 - 130	1	46
Indeno(1,2,3-cd)pyrene	ND		32.0	32.1		ug/L		100	16 - 140	9	15
Isophorone	ND		32.0	29.3		ug/L		92	48 - 133	0	17
Naphthalene	ND		32.0	25.9		ug/L		81	45 - 120	1	29
Nitrobenzene	ND		32.0	38.4		ug/L		120	45 - 123	1	24
N-Nitrosodi-n-propylamine	ND		32.0	27.5		ug/L		86	49 - 120	5	31
N-Nitrosodiphenylamine	ND		32.0	30.4		ug/L		95	39 - 138	2	15
Pentachlorophenol	ND		64.0	52.8		ug/L		83	23 - 149	8	37
Phenanthrene	0.63	J	32.0	31.3		ug/L		96	65 - 122	0	15
Phenol	ND		32.0	16.8		ug/L		52	16 - 120	2	34
Pyrene	0.98	J	32.0	35.6		ug/L		108	58 - 128	8	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*101*		*41 - 120*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol	*66*		*35 - 120*
Nitrobenzene-d5	*87*		*46 - 120*
Phenol-d5	*54*		*22 - 120*
p-Terphenyl-d14	*107*		*59 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-419749/1-A
Matrix: Water
Analysis Batch: 420355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 419749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/15/18 09:07	06/18/18 17:50	1
Antimony	ND		0.020	0.0068	mg/L		06/15/18 09:07	06/18/18 17:50	1
Arsenic	ND		0.015	0.0056	mg/L		06/15/18 09:07	06/18/18 17:50	1
Barium	ND		0.0020	0.00070	mg/L		06/15/18 09:07	06/18/18 17:50	1
Beryllium	ND		0.0020	0.00030	mg/L		06/15/18 09:07	06/18/18 17:50	1
Cadmium	ND		0.0020	0.00050	mg/L		06/15/18 09:07	06/18/18 17:50	1
Calcium	ND		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 17:50	1
Chromium	ND		0.0040	0.0010	mg/L		06/15/18 09:07	06/18/18 17:50	1
Cobalt	ND		0.0040	0.00063	mg/L		06/15/18 09:07	06/18/18 17:50	1
Copper	ND		0.010	0.0016	mg/L		06/15/18 09:07	06/18/18 17:50	1
Iron	ND		0.050	0.019	mg/L		06/15/18 09:07	06/18/18 17:50	1
Lead	ND		0.010	0.0030	mg/L		06/15/18 09:07	06/18/18 17:50	1
Magnesium	ND		0.20	0.043	mg/L		06/15/18 09:07	06/18/18 17:50	1
Manganese	ND		0.0030	0.00040	mg/L		06/15/18 09:07	06/18/18 17:50	1

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

Lab Sample ID: MB 480-419749/1-A
Matrix: Water
Analysis Batch: 420355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 419749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.010	0.0013	mg/L		06/15/18 09:07	06/18/18 17:50	1
Potassium	ND		0.50	0.10	mg/L		06/15/18 09:07	06/18/18 17:50	1
Selenium	ND		0.025	0.0087	mg/L		06/15/18 09:07	06/18/18 17:50	1
Silver	ND		0.0060	0.0017	mg/L		06/15/18 09:07	06/18/18 17:50	1
Sodium	ND		1.0	0.32	mg/L		06/15/18 09:07	06/18/18 17:50	1
Thallium	ND		0.020	0.010	mg/L		06/15/18 09:07	06/18/18 17:50	1
Vanadium	ND		0.0050	0.0015	mg/L		06/15/18 09:07	06/18/18 17:50	1
Zinc	0.00263	J	0.010	0.0015	mg/L		06/15/18 09:07	06/18/18 17:50	1

Lab Sample ID: LCS 480-419749/2-A
Matrix: Water
Analysis Batch: 420355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 419749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.34		mg/L		93	80 - 120
Antimony	0.200	0.194		mg/L		97	80 - 120
Arsenic	0.200	0.199		mg/L		99	80 - 120
Barium	0.200	0.195		mg/L		97	80 - 120
Beryllium	0.200	0.205		mg/L		102	80 - 120
Cadmium	0.200	0.197		mg/L		98	80 - 120
Calcium	10.0	9.73		mg/L		97	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.200	0.187		mg/L		93	80 - 120
Copper	0.200	0.192		mg/L		96	80 - 120
Iron	10.0	9.67		mg/L		97	80 - 120
Lead	0.200	0.197		mg/L		99	80 - 120
Magnesium	10.0	9.81		mg/L		98	80 - 120
Manganese	0.200	0.197		mg/L		98	80 - 120
Nickel	0.200	0.196		mg/L		98	80 - 120
Potassium	10.0	9.53		mg/L		95	80 - 120
Selenium	0.200	0.191		mg/L		95	80 - 120
Silver	0.0500	0.0488		mg/L		98	80 - 120
Sodium	10.0	9.51		mg/L		95	80 - 120
Thallium	0.200	0.208		mg/L		104	80 - 120
Vanadium	0.200	0.197		mg/L		99	80 - 120
Zinc	0.200	0.208		mg/L		104	80 - 120

Lab Sample ID: 480-137373-1 MS
Matrix: Ground Water
Analysis Batch: 420355

Client Sample ID: BCC Area C MW-C01 MS_0618
Prep Type: Total/NA
Prep Batch: 419749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2.5		10.0	13.09		mg/L		105	75 - 125
Antimony	ND		0.200	0.215		mg/L		108	75 - 125
Arsenic	0.0071	J	0.200	0.236		mg/L		115	75 - 125
Barium	0.39		0.200	0.570		mg/L		90	75 - 125
Beryllium	ND		0.200	0.207		mg/L		103	75 - 125
Cadmium	0.0019	J	0.200	0.232		mg/L		115	75 - 125
Calcium	346		10.0	356.5	4	mg/L		108	75 - 125

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

Lab Sample ID: 480-137373-1 MS
Matrix: Ground Water
Analysis Batch: 420355

Client Sample ID: BCC Area C MW-C01 MS_0618
Prep Type: Total/NA
Prep Batch: 419749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.0075		0.200	0.208		mg/L		100	75 - 125
Cobalt	0.0017	J	0.200	0.209		mg/L		104	75 - 125
Copper	0.016		0.200	0.229		mg/L		106	75 - 125
Iron	3.2		10.0	12.75		mg/L		96	75 - 125
Lead	0.032		0.200	0.246		mg/L		107	75 - 125
Magnesium	92.9		10.0	101.6	4	mg/L		86	75 - 125
Manganese	1.0		0.200	1.22	4	mg/L		92	75 - 125
Nickel	0.0067	J	0.200	0.222		mg/L		107	75 - 125
Potassium	31.6		10.0	41.99		mg/L		104	75 - 125
Selenium	ND		0.200	0.225		mg/L		113	75 - 125
Silver	ND		0.0500	0.0600		mg/L		120	75 - 125
Thallium	ND		0.200	0.202		mg/L		101	75 - 125
Vanadium	0.0059		0.200	0.212		mg/L		103	75 - 125
Zinc	0.16	B	0.200	0.369		mg/L		107	75 - 125

Lab Sample ID: 480-137373-1 MS
Matrix: Ground Water
Analysis Batch: 420507

Client Sample ID: BCC Area C MW-C01 MS_0618
Prep Type: Total/NA
Prep Batch: 419749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	4370		10.0	4357	4	mg/L		-151	75 - 125

Lab Sample ID: 480-137373-1 MSD
Matrix: Ground Water
Analysis Batch: 420355

Client Sample ID: BCC Area C MW-C01 MSD_0618
Prep Type: Total/NA
Prep Batch: 419749

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	2.5		10.0	13.00		mg/L		105	75 - 125	1	20
Antimony	ND		0.200	0.221		mg/L		111	75 - 125	3	20
Arsenic	0.0071	J	0.200	0.241		mg/L		117	75 - 125	2	20
Barium	0.39		0.200	0.574		mg/L		93	75 - 125	1	20
Beryllium	ND		0.200	0.208		mg/L		104	75 - 125	1	20
Cadmium	0.0019	J	0.200	0.234		mg/L		116	75 - 125	1	20
Calcium	346		10.0	361.1	4	mg/L		155	75 - 125	1	20
Chromium	0.0075		0.200	0.209		mg/L		101	75 - 125	1	20
Cobalt	0.0017	J	0.200	0.210		mg/L		104	75 - 125	0	20
Copper	0.016		0.200	0.231		mg/L		107	75 - 125	1	20
Iron	3.2		10.0	12.77		mg/L		96	75 - 125	0	20
Lead	0.032		0.200	0.248		mg/L		108	75 - 125	1	20
Magnesium	92.9		10.0	102.6	4	mg/L		97	75 - 125	1	20
Manganese	1.0		0.200	1.24	4	mg/L		98	75 - 125	1	20
Nickel	0.0067	J	0.200	0.222		mg/L		108	75 - 125	0	20
Potassium	31.6		10.0	42.81		mg/L		112	75 - 125	2	20
Selenium	ND		0.200	0.229		mg/L		114	75 - 125	2	20
Silver	ND		0.0500	0.0609		mg/L		122	75 - 125	2	20
Thallium	ND		0.200	0.205		mg/L		103	75 - 125	1	20
Vanadium	0.0059		0.200	0.212		mg/L		103	75 - 125	0	20
Zinc	0.16	B	0.200	0.368		mg/L		106	75 - 125	0	20

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

Lab Sample ID: 480-137373-1 MSD — **Client Sample ID: BCC Area C MW-C01 MSD_0618**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 420507 — **Prep Batch: 419749**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sodium	4370		10.0	4444	4	mg/L		708	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-421294/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 421473 — **Prep Batch: 421294**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:03	1

Lab Sample ID: LCS 480-421294/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 421473 — **Prep Batch: 421294**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00600		mg/L		90	80 - 120

Lab Sample ID: 480-137373-1 MS — **Client Sample ID: BCC Area C MW-C01 MS_0618**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 421473 — **Prep Batch: 421294**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00044	F1	0.00667	0.00567	F1	mg/L		78	80 - 120

Lab Sample ID: 480-137373-1 MSD — **Client Sample ID: BCC Area C MW-C01 MSD_0618**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 421473 — **Prep Batch: 421294**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00044	F1	0.00667	0.00548	F1	mg/L		76	80 - 120	3	20

Lab Sample ID: MB 480-421296/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 421473 — **Prep Batch: 421296**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/18 10:15	06/25/18 13:56	1

Lab Sample ID: LCS 480-421296/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 421473 — **Prep Batch: 421296**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00557		mg/L		83	80 - 120

QC Association Summary

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

TestAmerica Job ID: 480-137373-1

GC/MS VOA

Analysis Batch: 419960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	8260C	
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	8260C	
MB 480-419960/8	Method Blank	Total/NA	Water	8260C	
LCS 480-419960/5	Lab Control Sample	Total/NA	Water	8260C	
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	8260C	
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	8260C	

Analysis Batch: 419971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-3	BCC Area C PS-04_0618	Total/NA	Ground Water	8260C	
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	8260C	
480-137373-9	TRIP BLANK	Total/NA	Water	8260C	
MB 480-419971/7	Method Blank	Total/NA	Water	8260C	
LCS 480-419971/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 420105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-4	BCC Area C MW-C04_0618	Total/NA	Ground Water	8260C	
480-137373-5	BCC Area C RFI-20_0618	Total/NA	Ground Water	8260C	
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	8260C	
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	8260C	
MB 480-420105/7	Method Blank	Total/NA	Water	8260C	
LCS 480-420105/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 420288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-4 - DL	BCC Area C MW-C04_0618	Total/NA	Ground Water	8260C	
480-137373-6 - DL	BCC Area C PS-05A_0618	Total/NA	Ground Water	8260C	
MB 480-420288/7	Method Blank	Total/NA	Water	8260C	
LCS 480-420288/5	Lab Control Sample	Total/NA	Water	8260C	
480-137373-6 MS	BCC Area C PS-05A_0618	Total/NA	Ground Water	8260C	
480-137373-6 MSD	BCC Area C PS-05A_0618	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 419650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	3510C	
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	3510C	
480-137373-3	BCC Area C PS-04_0618	Total/NA	Ground Water	3510C	
480-137373-4	BCC Area C MW-C04_0618	Total/NA	Ground Water	3510C	
480-137373-5	BCC Area C RFI-20_0618	Total/NA	Ground Water	3510C	
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	3510C	
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	3510C	
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	3510C	
MB 480-419650/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-419650/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	3510C	
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	3510C	

GC/MS Semi VOA (Continued)

Analysis Batch: 419791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	8270D	419650
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	8270D	419650
480-137373-3	BCC Area C PS-04_0618	Total/NA	Ground Water	8270D	419650
480-137373-4	BCC Area C MW-C04_0618	Total/NA	Ground Water	8270D	419650
480-137373-5	BCC Area C RFI-20_0618	Total/NA	Ground Water	8270D	419650
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	8270D	419650
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	8270D	419650
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	8270D	419650
MB 480-419650/1-A	Method Blank	Total/NA	Water	8270D	419650
LCS 480-419650/2-A	Lab Control Sample	Total/NA	Water	8270D	419650
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	8270D	419650
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	8270D	419650

Metals

Prep Batch: 419749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	3005A	
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	3005A	
480-137373-3	BCC Area C PS-04_0618	Total/NA	Ground Water	3005A	
480-137373-4	BCC Area C MW-C04_0618	Total/NA	Ground Water	3005A	
480-137373-5	BCC Area C RFI-20_0618	Total/NA	Ground Water	3005A	
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	3005A	
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	3005A	
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	3005A	
480-137373-10	BCC Area C_MW-C01F_0618	Total/NA	Water	3005A	
480-137373-11	BCC Area C_MW-C04F_0618	Total/NA	Water	3005A	
MB 480-419749/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-419749/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	3005A	
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	3005A	

Analysis Batch: 420355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	6010C	419749
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	6010C	419749
480-137373-3	BCC Area C PS-04_0618	Total/NA	Ground Water	6010C	419749
480-137373-4	BCC Area C MW-C04_0618	Total/NA	Ground Water	6010C	419749
480-137373-5	BCC Area C RFI-20_0618	Total/NA	Ground Water	6010C	419749
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	6010C	419749
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	6010C	419749
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	6010C	419749
480-137373-10	BCC Area C_MW-C01F_0618	Total/NA	Water	6010C	419749
480-137373-11	BCC Area C_MW-C04F_0618	Total/NA	Water	6010C	419749
MB 480-419749/1-A	Method Blank	Total/NA	Water	6010C	419749
LCS 480-419749/2-A	Lab Control Sample	Total/NA	Water	6010C	419749
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	6010C	419749
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	6010C	419749

Metals (Continued)

Analysis Batch: 420507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	6010C	419749
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	6010C	419749
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	6010C	419749
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	6010C	419749
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	6010C	419749
480-137373-10	BCC Area C_MW-C01F_0618	Total/NA	Water	6010C	419749
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	6010C	419749
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	6010C	419749

Prep Batch: 421294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	7470A	
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	7470A	
480-137373-3	BCC Area C PS-04_0618	Total/NA	Ground Water	7470A	
480-137373-4	BCC Area C MW-C04_0618	Total/NA	Ground Water	7470A	
480-137373-5	BCC Area C RFI-20_0618	Total/NA	Ground Water	7470A	
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	7470A	
MB 480-421294/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-421294/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	7470A	
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	7470A	

Prep Batch: 421296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	7470A	
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	7470A	
480-137373-10	BCC Area C_MW-C01F_0618	Total/NA	Water	7470A	
480-137373-11	BCC Area C_MW-C04F_0618	Total/NA	Water	7470A	
MB 480-421296/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-421296/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 421473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-137373-1	BCC Area C MW-C01_0618	Total/NA	Ground Water	7470A	421294
480-137373-2	BCC Area C RFI-31_0618	Total/NA	Ground Water	7470A	421294
480-137373-3	BCC Area C PS-04_0618	Total/NA	Ground Water	7470A	421294
480-137373-4	BCC Area C MW-C04_0618	Total/NA	Ground Water	7470A	421294
480-137373-5	BCC Area C RFI-20_0618	Total/NA	Ground Water	7470A	421294
480-137373-6	BCC Area C PS-05A_0618	Total/NA	Ground Water	7470A	421294
480-137373-7	BCC Area C PS-06_0618	Total/NA	Ground Water	7470A	421296
480-137373-8	BCC Area C MW-C01 D_0618	Total/NA	Ground Water	7470A	421296
480-137373-10	BCC Area C_MW-C01F_0618	Total/NA	Water	7470A	421296
480-137373-11	BCC Area C_MW-C04F_0618	Total/NA	Water	7470A	421296
MB 480-421294/1-A	Method Blank	Total/NA	Water	7470A	421294
MB 480-421296/1-A	Method Blank	Total/NA	Water	7470A	421296
LCS 480-421294/2-A	Lab Control Sample	Total/NA	Water	7470A	421294
LCS 480-421296/2-A	Lab Control Sample	Total/NA	Water	7470A	421296
480-137373-1 MS	BCC Area C MW-C01 MS_0618	Total/NA	Ground Water	7470A	421294
480-137373-1 MSD	BCC Area C MW-C01 MSD_0618	Total/NA	Ground Water	7470A	421294

Lab Chronicle

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C MW-C01_0618

Lab Sample ID: 480-137373-1

Date Collected: 06/11/18 11:40

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	419960	06/16/18 07:31	AEM	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		1	419791	06/15/18 17:54	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		5	420507	06/19/18 13:48	LMH	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 18:22	LMH	TAL BUF
Total/NA	Prep	7470A			421294	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 13:36	BMB	TAL BUF

Client Sample ID: BCC Area C RFI-31_0618

Lab Sample ID: 480-137373-2

Date Collected: 06/11/18 13:40

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	419960	06/16/18 07:55	AEM	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		1	419791	06/15/18 21:18	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		10	420507	06/19/18 14:08	LMH	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 18:42	LMH	TAL BUF
Total/NA	Prep	7470A			421294	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 13:46	BMB	TAL BUF

Client Sample ID: BCC Area C PS-04_0618

Lab Sample ID: 480-137373-3

Date Collected: 06/11/18 14:35

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	419971	06/16/18 16:02	NMC	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		1	419791	06/15/18 21:47	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 18:45	LMH	TAL BUF
Total/NA	Prep	7470A			421294	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 13:48	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C04_0618

Lab Sample ID: 480-137373-4

Date Collected: 06/12/18 09:10

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5	420288	06/19/18 11:49	AEM	TAL BUF
Total/NA	Analysis	8260C		2	420105	06/18/18 13:29	RLB	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		1	419791	06/15/18 22:16	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 18:49	LMH	TAL BUF
Total/NA	Prep	7470A			421294	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 13:50	BMB	TAL BUF

Client Sample ID: BCC Area C RFI-20_0618

Lab Sample ID: 480-137373-5

Date Collected: 06/12/18 10:15

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	420105	06/18/18 13:57	RLB	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		1	419791	06/15/18 22:45	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 19:04	LMH	TAL BUF
Total/NA	Prep	7470A			421294	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 13:52	BMB	TAL BUF

Client Sample ID: BCC Area C PS-05A_0618

Lab Sample ID: 480-137373-6

Date Collected: 06/12/18 11:00

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	420288	06/19/18 12:16	AEM	TAL BUF
Total/NA	Analysis	8260C		2	420105	06/18/18 14:24	RLB	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		1	419791	06/15/18 23:14	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		2	420507	06/19/18 14:27	LMH	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 19:08	LMH	TAL BUF
Total/NA	Prep	7470A			421294	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 13:53	BMB	TAL BUF

Client Sample ID: BCC Area C PS-06_0618

Lab Sample ID: 480-137373-7

Date Collected: 06/12/18 11:45

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	420105	06/18/18 14:52	RLB	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		5	419791	06/15/18 23:43	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		5	420507	06/19/18 14:30	LMH	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 19:11	LMH	TAL BUF
Total/NA	Prep	7470A			421296	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 14:00	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C01 D_0618

Lab Sample ID: 480-137373-8

Date Collected: 06/11/18 11:50

Matrix: Ground Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	419971	06/16/18 16:29	NMC	TAL BUF
Total/NA	Prep	3510C			419650	06/14/18 15:14	MMV	TAL BUF
Total/NA	Analysis	8270D		1	419791	06/16/18 00:12	RJS	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		5	420507	06/19/18 14:34	LMH	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 19:15	LMH	TAL BUF
Total/NA	Prep	7470A			421296	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 14:01	BMB	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-137373-9

Date Collected: 06/11/18 00:00

Matrix: Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	419971	06/16/18 16:57	NMC	TAL BUF

Client Sample ID: BCC Area C_MW-C01F_0618

Lab Sample ID: 480-137373-10

Date Collected: 06/11/18 12:20

Matrix: Water

Date Received: 06/13/18 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		5	420507	06/19/18 14:38	LMH	TAL BUF
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 19:19	LMH	TAL BUF
Total/NA	Prep	7470A			421296	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 14:08	BMB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-137373-1

Client Sample ID: BCC Area C_MW-C04F_0618

Date Collected: 06/12/18 09:20
Date Received: 06/13/18 15:15

Lab Sample ID: 480-137373-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			419749	06/15/18 09:07	KMP	TAL BUF
Total/NA	Analysis	6010C		1	420355	06/18/18 19:23	LMH	TAL BUF
Total/NA	Prep	7470A			421296	06/25/18 10:15	BMB	TAL BUF
Total/NA	Analysis	7470A		1	421473	06/25/18 14:03	BMB	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 480-137373-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

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

TestAmerica Job ID: 480-137373-1

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
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

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

TestAmerica Job ID: 480-137373-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-137373-1	BCC Area C MW-C01_0618	Ground Water	06/11/18 11:40	06/13/18 15:15
480-137373-2	BCC Area C RFI-31_0618	Ground Water	06/11/18 13:40	06/13/18 15:15
480-137373-3	BCC Area C PS-04_0618	Ground Water	06/11/18 14:35	06/13/18 15:15
480-137373-4	BCC Area C MW-C04_0618	Ground Water	06/12/18 09:10	06/13/18 15:15
480-137373-5	BCC Area C RFI-20_0618	Ground Water	06/12/18 10:15	06/13/18 15:15
480-137373-6	BCC Area C PS-05A_0618	Ground Water	06/12/18 11:00	06/13/18 15:15
480-137373-7	BCC Area C PS-06_0618	Ground Water	06/12/18 11:45	06/13/18 15:15
480-137373-8	BCC Area C MW-C01 D_0618	Ground Water	06/11/18 11:50	06/13/18 15:15
480-137373-9	TRIP BLANK	Water	06/11/18 00:00	06/13/18 15:15
480-137373-10	BCC Area C_MW-C01F_0618	Water	06/11/18 12:20	06/13/18 15:15
480-137373-11	BCC Area C_MW-C04F_0618	Water	06/12/18 09:20	06/13/18 15:15

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	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 6-12-18	COC No: 184809.0618
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area C Wells	[ ] 1 week			480-137373 COC
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# [redacted] 60492	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area C_MW-C01_0618	6/11-18	1140	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0618	6/11-18	1340	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0618	6/11-18	1435	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_0618	6/12-18	0910	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0618	6/12-18	1015	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0618	6/12-18	1100	G	W	6	N	3	1	2	
BCC_Area C_PS-06_0618	6/12-18	1145	G	W	6	N	3	1	2	
BCC_Area C_MW-C01D_0618	6/11-18	1150	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 MS_0618	6/11-18	1200	G	W	6	N	3	1	2	
BCC_Area C_MW-C01 MSD_0618	6/11-18	1210	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
BCC_AreaC_MW-C01F_0618	6/11-18	1220						1		
BCC_AreaC_MW-C04F_0618	6/12-18	0820						1		
Container Volume (ml)							40	250	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

2 Coolers

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

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

Special Instructions/QC Requirements & Comments:
Temp 3.4 4.2 #1 ICE

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner OSC		6-12-18 1515	ANG	TAB.	6/13/18 1515
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-137373-1

Login Number: 137373
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	

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: 480-140719-1
Client Project/Site: Buffalo Color Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
9/7/2018 7:31:15 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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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 C Wells

TestAmerica Job ID: 480-140719-1

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
*	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.
B	Compound was found in the blank and sample.

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-140719-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-140719-1

Comments
No additional comments.

Receipt
The samples were received on 8/22/2018 2:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1º C.

GC/MS VOA
Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area C MW-C01_0818 (480-140719-2), BCC Area C PS-06_0818 (480-140719-5) and BCC Area C RFI-31_0818 (480-140719-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C MW-C04_0818 (480-140719-1), BCC Area C MW-C04 MS_0818 (480-140719-1[MS]), BCC Area C MW-C04 MSD_0818 (480-140719-1[MSD]), BCC Area C MW-C04 D_0818 (480-140719-3) and BCC Area C PS-05A_0818 (480-140719-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: Due to the high concentration of 1,4-Dichlorobenzene and Chlorobenzene, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 480-431217 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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 480-431619 recovered above the upper control limit for Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area C MW-C04_0818 (480-140719-1), BCC Area C MW-C01_0818 (480-140719-2), BCC Area C MW-C04 D_0818 (480-140719-3), BCC Area C PS-05A_0818 (480-140719-4), BCC Area C PS-06_0818 (480-140719-5), BCC Area C RFI-20_0818 (480-140719-6) and BCC Area C RFI-31_0818 (480-140719-7).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-431619 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area C MW-C01_0818 (480-140719-2) and BCC Area C PS-06_0818 (480-140719-5). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-431041 and analytical batch 480-431619 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples above the reporting limit; therefore, the data have been reported.

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

Metals
Method(s) 6010C: The following samples were diluted due to the presence of Total Sulfur which interferes with Total Lead: BCC Area C PS-05A_0818 (480-140719-4), BCC Area C PS-06_0818 (480-140719-5) and BCC Area C RFI-31_0818 (480-140719-7). 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 C Wells

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-C04_0818 — Lab Sample ID: 480-140719-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	5.4		5.0	4.0	ug/L	5		8260C	Total/NA
1,3-Dichlorobenzene	31		5.0	3.9	ug/L	5		8260C	Total/NA
1,4-Dichlorobenzene	59	F1	5.0	4.2	ug/L	5		8260C	Total/NA
Chlorobenzene	480	F1	5.0	3.8	ug/L	5		8260C	Total/NA
2,4-Dichlorophenol	5.0		5.0	0.51	ug/L	1		8270D	Total/NA
Aniline	0.99	J	10	0.61	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.39	J B *	5.0	0.31	ug/L	1		8270D	Total/NA
Nitrobenzene	0.41	J	5.0	0.29	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	0.61	J *	5.0	0.51	ug/L	1		8270D	Total/NA
Aluminum	0.095	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.26		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	221	B	0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0023	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	7.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	26.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	10.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	39.1		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0060	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00021		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C MW-C01_0818 — Lab Sample ID: 480-140719-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(b)fluoranthene	3.5	J *	50	3.4	ug/L	10		8270D	Total/NA
Fluoranthene	4.3	J *	50	4.0	ug/L	10		8270D	Total/NA
Pyrene	3.6	J *	50	3.4	ug/L	10		8270D	Total/NA
Aluminum	7.0		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	0.32		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.00033	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.0014	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	303	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.018		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0044		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.058		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	11.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.15		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	83.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.91	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	27.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	3260		5.0	1.6	mg/L	5		6010C	Total/NA
Vanadium	0.019		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.25		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.0020		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area C MW-C04 D_0818 — Lab Sample ID: 480-140719-3

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C MW-C04 D_0818 (Continued) — Lab Sample ID: 480-140719-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	32		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	57		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	480		10	7.5	ug/L	10		8260C	Total/NA
2,4-Dichlorophenol	4.6	J	5.0	0.51	ug/L	1		8270D	Total/NA
Aniline	0.86	J	10	0.61	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.38	J B *	5.0	0.31	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	0.62	J *	5.0	0.51	ug/L	1		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.25		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	216	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	6.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	26.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	10.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	38.5		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 C PS-05A_0818 — Lab Sample ID: 480-140719-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	360		10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	6.9		5.0	0.53	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.33	J B *	5.0	0.31	ug/L	1		8270D	Total/NA
Arsenic	0.36		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.025		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	257	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	27.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	23.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.36	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	16.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	99.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.029		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-06_0818 — Lab Sample ID: 480-140719-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.095		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.012		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	208	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	35.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	10.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.18	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	57.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	64.8		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 C RFI-20_0818 — Lab Sample ID: 480-140719-6

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C RFI-20_0818 (Continued) — Lab Sample ID: 480-140719-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.9	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	57		1.0	0.75	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.35	J B *	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.053		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	177	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	6.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	16.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.30	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0026	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	9.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	35.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0099	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31_0818 — Lab Sample ID: 480-140719-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	130		10	4.1	ug/L	10		8260C	Total/NA
1,3-Dichlorobenzene	51		10	7.8	ug/L	10		8260C	Total/NA
Chlorobenzene	40		10	7.5	ug/L	10		8260C	Total/NA
2,4-Dichlorophenol	1.3	J	5.0	0.51	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.41	J B *	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.020		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00062	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	362	B	0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0026	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.55		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	117		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	0.0035	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	20.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2020		10.0	3.2	mg/L	10		6010C	Total/NA
Zinc	0.0045	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-140719-8

No Detections.

Client Sample ID: BCC Area C MW-COIF_0818 — Lab Sample ID: 480-140719-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.32		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0011	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	348	B	0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0017	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.40		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	98.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.0	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0044	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	33.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	4040		10.0	3.2	mg/L	10		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-COIF_0818 (Continued) — Lab Sample ID: 480-140719-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.062		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-C04_0818
Date Collected: 08/21/18 12:10
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-1
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		5.0	4.1	ug/L			08/23/18 23:55	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			08/23/18 23:55	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			08/23/18 23:55	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			08/23/18 23:55	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			08/23/18 23:55	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			08/23/18 23:55	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			08/23/18 23:55	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			08/23/18 23:55	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			08/23/18 23:55	5
1,2-Dichlorobenzene	**5.4**		5.0	4.0	ug/L			08/23/18 23:55	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			08/23/18 23:55	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			08/23/18 23:55	5
1,3-Dichlorobenzene	**31**		5.0	3.9	ug/L			08/23/18 23:55	5
1,4-Dichlorobenzene	**59**	**F1**	5.0	4.2	ug/L			08/23/18 23:55	5
2-Butanone (MEK)	ND		50	6.6	ug/L			08/23/18 23:55	5
2-Hexanone	ND		25	6.2	ug/L			08/23/18 23:55	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			08/23/18 23:55	5
Acetone	ND		50	15	ug/L			08/23/18 23:55	5
Benzene	ND		5.0	2.1	ug/L			08/23/18 23:55	5
Bromodichloromethane	ND		5.0	2.0	ug/L			08/23/18 23:55	5
Bromoform	ND		5.0	1.3	ug/L			08/23/18 23:55	5
Bromomethane	ND		5.0	3.5	ug/L			08/23/18 23:55	5
Carbon disulfide	ND		5.0	0.95	ug/L			08/23/18 23:55	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			08/23/18 23:55	5
Chlorobenzene	**480**	**F1**	5.0	3.8	ug/L			08/23/18 23:55	5
Chloroethane	ND		5.0	1.6	ug/L			08/23/18 23:55	5
Chloroform	ND		5.0	1.7	ug/L			08/23/18 23:55	5
Chloromethane	ND		5.0	1.8	ug/L			08/23/18 23:55	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			08/23/18 23:55	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			08/23/18 23:55	5
Cyclohexane	ND		5.0	0.90	ug/L			08/23/18 23:55	5
Dibromochloromethane	ND		5.0	1.6	ug/L			08/23/18 23:55	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			08/23/18 23:55	5
Ethylbenzene	ND		5.0	3.7	ug/L			08/23/18 23:55	5
Isopropylbenzene	ND		5.0	4.0	ug/L			08/23/18 23:55	5
Methyl acetate	ND		13	6.5	ug/L			08/23/18 23:55	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			08/23/18 23:55	5
Methylcyclohexane	ND		5.0	0.80	ug/L			08/23/18 23:55	5
Methylene Chloride	ND		5.0	2.2	ug/L			08/23/18 23:55	5
Styrene	ND		5.0	3.7	ug/L			08/23/18 23:55	5
Tetrachloroethene	ND		5.0	1.8	ug/L			08/23/18 23:55	5
Toluene	ND		5.0	2.6	ug/L			08/23/18 23:55	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			08/23/18 23:55	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			08/23/18 23:55	5
Trichloroethene	ND		5.0	2.3	ug/L			08/23/18 23:55	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			08/23/18 23:55	5
Vinyl chloride	ND		5.0	4.5	ug/L			08/23/18 23:55	5
Xylenes, Total	ND		10	3.3	ug/L			08/23/18 23:55	5

Client Sample ID: BCC Area C MW-C04_0818

Lab Sample ID: 480-140719-1

Date Collected: 08/21/18 12:10

Matrix: Ground Water

Date Received: 08/22/18 14:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/23/18 23:55*	*5*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*08/23/18 23:55*	*5*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/23/18 23:55*	*5*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/23/18 23:55*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 21:41	1
2,4,6-Trichlorophenol	ND	F1 *	5.0	0.61	ug/L		08/23/18 07:40	08/27/18 21:41	1
2,4-Dichlorophenol	**5.0**		5.0	0.51	ug/L		08/23/18 07:40	08/27/18 21:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/23/18 07:40	08/27/18 21:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 21:41	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/27/18 21:41	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/27/18 21:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/23/18 07:40	08/27/18 21:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/23/18 07:40	08/27/18 21:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/23/18 07:40	08/27/18 21:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 21:41	1
2-Nitroaniline	ND	*	10	0.42	ug/L		08/23/18 07:40	08/27/18 21:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 21:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 21:41	1
3-Nitroaniline	ND		10	0.48	ug/L		08/23/18 07:40	08/27/18 21:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 21:41	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/27/18 21:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/23/18 07:40	08/27/18 21:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 21:41	1
4-Chlorophenyl phenyl ether	ND	F2 *	5.0	0.35	ug/L		08/23/18 07:40	08/27/18 21:41	1
4-Methylphenol	ND		10	0.36	ug/L		08/23/18 07:40	08/27/18 21:41	1
4-Nitroaniline	ND	*	10	0.25	ug/L		08/23/18 07:40	08/27/18 21:41	1
4-Nitrophenol	ND		10	1.5	ug/L		08/23/18 07:40	08/27/18 21:41	1
Acenaphthene	ND	F1 *	5.0	0.41	ug/L		08/23/18 07:40	08/27/18 21:41	1
Acenaphthylene	ND	F1 *	5.0	0.38	ug/L		08/23/18 07:40	08/27/18 21:41	1
Acetophenone	ND	*	5.0	0.54	ug/L		08/23/18 07:40	08/27/18 21:41	1
Aniline	**0.99**	**J**	10	0.61	ug/L		08/23/18 07:40	08/27/18 21:41	1
Anthracene	ND	*	5.0	0.28	ug/L		08/23/18 07:40	08/27/18 21:41	1
Atrazine	ND	*	5.0	0.46	ug/L		08/23/18 07:40	08/27/18 21:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/23/18 07:40	08/27/18 21:41	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 21:41	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/27/18 21:41	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/27/18 21:41	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 21:41	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		08/23/18 07:40	08/27/18 21:41	1
Biphenyl	ND	*	5.0	0.65	ug/L		08/23/18 07:40	08/27/18 21:41	1
bis (2-chloroisopropyl) ether	ND	F1 *	5.0	0.52	ug/L		08/23/18 07:40	08/27/18 21:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 21:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 21:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 21:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/23/18 07:40	08/27/18 21:41	1
Caprolactam	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 21:41	1
Carbazole	ND	*	5.0	0.30	ug/L		08/23/18 07:40	08/27/18 21:41	1

Client Sample ID: BCC Area C MW-C04_0818
Date Collected: 08/21/18 12:10
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/23/18 07:40	08/27/18 21:41	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		08/23/18 07:40	08/27/18 21:41	1
Dibenzofuran	ND		10	0.51	ug/L		08/23/18 07:40	08/27/18 21:41	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		08/23/18 07:40	08/27/18 21:41	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 21:41	1
Di-n-butyl phthalate	**0.39**	**J B ***	5.0	0.31	ug/L		08/23/18 07:40	08/27/18 21:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/23/18 07:40	08/27/18 21:41	1
Fluoranthene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/27/18 21:41	1
Fluorene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 21:41	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/27/18 21:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/23/18 07:40	08/27/18 21:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 21:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 21:41	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/27/18 21:41	1
Isophorone	ND	*	5.0	0.43	ug/L		08/23/18 07:40	08/27/18 21:41	1
Naphthalene	ND		5.0	0.76	ug/L		08/23/18 07:40	08/27/18 21:41	1
Nitrobenzene	**0.41**	**J**	5.0	0.29	ug/L		08/23/18 07:40	08/27/18 21:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/23/18 07:40	08/27/18 21:41	1
N-Nitrosodiphenylamine	**0.61**	**J ***	5.0	0.51	ug/L		08/23/18 07:40	08/27/18 21:41	1
Pentachlorophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 21:41	1
Phenanthrene	ND	*	5.0	0.44	ug/L		08/23/18 07:40	08/27/18 21:41	1
Phenol	ND		5.0	0.39	ug/L		08/23/18 07:40	08/27/18 21:41	1
Pyrene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/27/18 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*41 - 120*	*08/23/18 07:40*	*08/27/18 21:41*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*08/23/18 07:40*	*08/27/18 21:41*	*1*
2-Fluorophenol	*64*		*35 - 120*	*08/23/18 07:40*	*08/27/18 21:41*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*08/23/18 07:40*	*08/27/18 21:41*	*1*
Phenol-d5	*43*		*22 - 120*	*08/23/18 07:40*	*08/27/18 21:41*	*1*
p-Terphenyl-d14	*75*		*59 - 136*	*08/23/18 07:40*	*08/27/18 21:41*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.095**	**J**	0.20	0.060	mg/L		08/27/18 09:26	08/28/18 14:22	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 14:22	1
Arsenic	ND		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 14:22	1
Barium	**0.26**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 14:22	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 14:22	1
Cadmium	ND		0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 14:22	1
Calcium	**221**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:22	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 14:22	1
Cobalt	ND		0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 14:22	1
Copper	**0.0023**	**J**	0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 14:22	1
Iron	**7.0**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 14:22	1
Lead	ND		0.010	0.0030	mg/L		08/27/18 09:26	08/28/18 14:22	1
Magnesium	**26.5**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 14:22	1
Manganese	**1.1**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 14:22	1
Nickel	ND		0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 14:22	1
Potassium	**10.4**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:22	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-C04_0818
Date Collected: 08/21/18 12:10
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 14:22	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 14:22	1
Sodium	**39.1**		1.0	0.32	mg/L		08/27/18 09:26	08/28/18 14:22	1
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 14:22	1
Vanadium	ND		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 14:22	1
Zinc	**0.0060**	**J**	0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 14:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00021**		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 16:58	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-C01_0818
Date Collected: 08/21/18 14:40
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-2
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		2.0	1.6	ug/L			08/24/18 00:18	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			08/24/18 00:18	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			08/24/18 00:18	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			08/24/18 00:18	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			08/24/18 00:18	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			08/24/18 00:18	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			08/24/18 00:18	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			08/24/18 00:18	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			08/24/18 00:18	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			08/24/18 00:18	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			08/24/18 00:18	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			08/24/18 00:18	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			08/24/18 00:18	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			08/24/18 00:18	2
2-Butanone (MEK)	ND		20	2.6	ug/L			08/24/18 00:18	2
2-Hexanone	ND		10	2.5	ug/L			08/24/18 00:18	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			08/24/18 00:18	2
Acetone	ND		20	6.0	ug/L			08/24/18 00:18	2
Benzene	ND		2.0	0.82	ug/L			08/24/18 00:18	2
Bromodichloromethane	ND		2.0	0.78	ug/L			08/24/18 00:18	2
Bromoform	ND		2.0	0.52	ug/L			08/24/18 00:18	2
Bromomethane	ND		2.0	1.4	ug/L			08/24/18 00:18	2
Carbon disulfide	ND		2.0	0.38	ug/L			08/24/18 00:18	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			08/24/18 00:18	2
Chlorobenzene	ND		2.0	1.5	ug/L			08/24/18 00:18	2
Chloroethane	ND		2.0	0.64	ug/L			08/24/18 00:18	2
Chloroform	ND		2.0	0.68	ug/L			08/24/18 00:18	2
Chloromethane	ND		2.0	0.70	ug/L			08/24/18 00:18	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			08/24/18 00:18	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			08/24/18 00:18	2
Cyclohexane	ND		2.0	0.36	ug/L			08/24/18 00:18	2
Dibromochloromethane	ND		2.0	0.64	ug/L			08/24/18 00:18	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			08/24/18 00:18	2
Ethylbenzene	ND		2.0	1.5	ug/L			08/24/18 00:18	2
Isopropylbenzene	ND		2.0	1.6	ug/L			08/24/18 00:18	2
Methyl acetate	ND		5.0	2.6	ug/L			08/24/18 00:18	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			08/24/18 00:18	2
Methylcyclohexane	ND		2.0	0.32	ug/L			08/24/18 00:18	2
Methylene Chloride	ND		2.0	0.88	ug/L			08/24/18 00:18	2
Styrene	ND		2.0	1.5	ug/L			08/24/18 00:18	2
Tetrachloroethene	ND		2.0	0.72	ug/L			08/24/18 00:18	2
Toluene	ND		2.0	1.0	ug/L			08/24/18 00:18	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			08/24/18 00:18	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			08/24/18 00:18	2
Trichloroethene	ND		2.0	0.92	ug/L			08/24/18 00:18	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			08/24/18 00:18	2
Vinyl chloride	ND		2.0	1.8	ug/L			08/24/18 00:18	2
Xylenes, Total	ND		4.0	1.3	ug/L			08/24/18 00:18	2

Client Sample ID: BCC Area C MW-C01_0818

Lab Sample ID: 480-140719-2

Date Collected: 08/21/18 14:40

Matrix: Ground Water

Date Received: 08/22/18 14:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/24/18 00:18*	*2*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*08/24/18 00:18*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/24/18 00:18*	*2*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/24/18 00:18*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		50	4.8	ug/L		08/23/18 07:40	08/27/18 22:39	10
2,4,6-Trichlorophenol	ND	*	50	6.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
2,4-Dichlorophenol	ND		50	5.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
2,4-Dimethylphenol	ND		50	5.0	ug/L		08/23/18 07:40	08/27/18 22:39	10
2,4-Dinitrophenol	ND		100	22	ug/L		08/23/18 07:40	08/27/18 22:39	10
2,4-Dinitrotoluene	ND	*	50	4.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
2,6-Dinitrotoluene	ND	*	50	4.0	ug/L		08/23/18 07:40	08/27/18 22:39	10
2-Chloronaphthalene	ND		50	4.6	ug/L		08/23/18 07:40	08/27/18 22:39	10
2-Chlorophenol	ND		50	5.3	ug/L		08/23/18 07:40	08/27/18 22:39	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/23/18 07:40	08/27/18 22:39	10
2-Methylphenol	ND		50	4.0	ug/L		08/23/18 07:40	08/27/18 22:39	10
2-Nitroaniline	ND	*	100	4.2	ug/L		08/23/18 07:40	08/27/18 22:39	10
2-Nitrophenol	ND		50	4.8	ug/L		08/23/18 07:40	08/27/18 22:39	10
3,3'-Dichlorobenzidine	ND		50	4.0	ug/L		08/23/18 07:40	08/27/18 22:39	10
3-Nitroaniline	ND		100	4.8	ug/L		08/23/18 07:40	08/27/18 22:39	10
4,6-Dinitro-2-methylphenol	ND		100	22	ug/L		08/23/18 07:40	08/27/18 22:39	10
4-Bromophenyl phenyl ether	ND	*	50	4.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
4-Chloro-3-methylphenol	ND		50	4.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
4-Chloroaniline	ND		50	5.9	ug/L		08/23/18 07:40	08/27/18 22:39	10
4-Chlorophenyl phenyl ether	ND	*	50	3.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
4-Methylphenol	ND		100	3.6	ug/L		08/23/18 07:40	08/27/18 22:39	10
4-Nitroaniline	ND	*	100	2.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
4-Nitrophenol	ND		100	15	ug/L		08/23/18 07:40	08/27/18 22:39	10
Acenaphthene	ND	*	50	4.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
Acenaphthylene	ND	*	50	3.8	ug/L		08/23/18 07:40	08/27/18 22:39	10
Acetophenone	ND	*	50	5.4	ug/L		08/23/18 07:40	08/27/18 22:39	10
Aniline	ND		100	6.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
Anthracene	ND	*	50	2.8	ug/L		08/23/18 07:40	08/27/18 22:39	10
Atrazine	ND	*	50	4.6	ug/L		08/23/18 07:40	08/27/18 22:39	10
Benzaldehyde	ND		50	2.7	ug/L		08/23/18 07:40	08/27/18 22:39	10
Benzo(a)anthracene	ND	*	50	3.6	ug/L		08/23/18 07:40	08/27/18 22:39	10
Benzo(a)pyrene	ND	*	50	4.7	ug/L		08/23/18 07:40	08/27/18 22:39	10
Benzo(b)fluoranthene	**3.5**	**J ***	50	3.4	ug/L		08/23/18 07:40	08/27/18 22:39	10
Benzo(g,h,i)perylene	ND		50	3.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
Benzo(k)fluoranthene	ND	*	50	7.3	ug/L		08/23/18 07:40	08/27/18 22:39	10
Biphenyl	ND	*	50	6.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
bis (2-chloroisopropyl) ether	ND	*	50	5.2	ug/L		08/23/18 07:40	08/27/18 22:39	10
Bis(2-chloroethoxy)methane	ND		50	3.5	ug/L		08/23/18 07:40	08/27/18 22:39	10
Bis(2-chloroethyl)ether	ND		50	4.0	ug/L		08/23/18 07:40	08/27/18 22:39	10
Bis(2-ethylhexyl) phthalate	ND		50	22	ug/L		08/23/18 07:40	08/27/18 22:39	10
Butyl benzyl phthalate	ND		50	10	ug/L		08/23/18 07:40	08/27/18 22:39	10
Caprolactam	ND		50	22	ug/L		08/23/18 07:40	08/27/18 22:39	10
Carbazole	ND	*	50	3.0	ug/L		08/23/18 07:40	08/27/18 22:39	10

Client Sample ID: BCC Area C MW-C01_0818
Date Collected: 08/21/18 14:40
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		50	3.3	ug/L		08/23/18 07:40	08/27/18 22:39	10
Dibenz(a,h)anthracene	ND	*	50	4.2	ug/L		08/23/18 07:40	08/27/18 22:39	10
Dibenzofuran	ND		100	5.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
Diethyl phthalate	ND	*	50	2.2	ug/L		08/23/18 07:40	08/27/18 22:39	10
Dimethyl phthalate	ND	*	50	3.6	ug/L		08/23/18 07:40	08/27/18 22:39	10
Di-n-butyl phthalate	ND	*	50	3.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
Di-n-octyl phthalate	ND		50	4.7	ug/L		08/23/18 07:40	08/27/18 22:39	10
Fluoranthene	**4.3**	**J ***	50	4.0	ug/L		08/23/18 07:40	08/27/18 22:39	10
Fluorene	ND	*	50	3.6	ug/L		08/23/18 07:40	08/27/18 22:39	10
Hexachlorobenzene	ND	*	50	5.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
Hexachlorobutadiene	ND		50	6.8	ug/L		08/23/18 07:40	08/27/18 22:39	10
Hexachlorocyclopentadiene	ND		50	5.9	ug/L		08/23/18 07:40	08/27/18 22:39	10
Hexachloroethane	ND		50	5.9	ug/L		08/23/18 07:40	08/27/18 22:39	10
Indeno(1,2,3-cd)pyrene	ND	*	50	4.7	ug/L		08/23/18 07:40	08/27/18 22:39	10
Isophorone	ND	*	50	4.3	ug/L		08/23/18 07:40	08/27/18 22:39	10
Naphthalene	ND		50	7.6	ug/L		08/23/18 07:40	08/27/18 22:39	10
Nitrobenzene	ND		50	2.9	ug/L		08/23/18 07:40	08/27/18 22:39	10
N-Nitrosodi-n-propylamine	ND		50	5.4	ug/L		08/23/18 07:40	08/27/18 22:39	10
N-Nitrosodiphenylamine	ND	*	50	5.1	ug/L		08/23/18 07:40	08/27/18 22:39	10
Pentachlorophenol	ND		100	22	ug/L		08/23/18 07:40	08/27/18 22:39	10
Phenanthrene	ND	*	50	4.4	ug/L		08/23/18 07:40	08/27/18 22:39	10
Phenol	ND		50	3.9	ug/L		08/23/18 07:40	08/27/18 22:39	10
Pyrene	**3.6**	**J ***	50	3.4	ug/L		08/23/18 07:40	08/27/18 22:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*57*		*41 - 120*	*08/23/18 07:40*	*08/27/18 22:39*	*10*
2-Fluorobiphenyl	*77*		*48 - 120*	*08/23/18 07:40*	*08/27/18 22:39*	*10*
2-Fluorophenol	*60*		*35 - 120*	*08/23/18 07:40*	*08/27/18 22:39*	*10*
Nitrobenzene-d5	*69*		*46 - 120*	*08/23/18 07:40*	*08/27/18 22:39*	*10*
Phenol-d5	*45*		*22 - 120*	*08/23/18 07:40*	*08/27/18 22:39*	*10*
p-Terphenyl-d14	*70*		*59 - 136*	*08/23/18 07:40*	*08/27/18 22:39*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7.0**		0.20	0.060	mg/L		08/27/18 09:26	08/28/18 14:50	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 14:50	1
Arsenic	**0.013**	**J**	0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 14:50	1
Barium	**0.32**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 14:50	1
Beryllium	**0.00033**	**J**	0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 14:50	1
Cadmium	**0.0014**	**J**	0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 14:50	1
Calcium	**303**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:50	1
Chromium	**0.018**		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 14:50	1
Cobalt	**0.0044**		0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 14:50	1
Copper	**0.058**		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 14:50	1
Iron	**11.6**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 14:50	1
Lead	**0.15**		0.010	0.0030	mg/L		08/27/18 09:26	08/28/18 14:50	1
Magnesium	**83.3**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 14:50	1
Manganese	**0.91**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 14:50	1
Nickel	**0.016**		0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 14:50	1
Potassium	**27.9**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:50	1

Client Sample ID: BCC Area C MW-C01_0818
Date Collected: 08/21/18 14:40
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 14:50	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 14:50	1
Sodium	**3260**		5.0	1.6	mg/L		08/27/18 09:26	08/29/18 12:41	5
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 14:50	1
Vanadium	**0.019**		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 14:50	1
Zinc	**0.25**		0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 14:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0020**		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 17:06	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-C04 D_0818
Date Collected: 08/21/18 12:20
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-3
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		10	8.2	ug/L			08/24/18 00:42	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/24/18 00:42	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/24/18 00:42	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/24/18 00:42	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/24/18 00:42	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/24/18 00:42	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/24/18 00:42	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/24/18 00:42	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/24/18 00:42	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/24/18 00:42	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/24/18 00:42	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/24/18 00:42	10
1,3-Dichlorobenzene	**32**		10	7.8	ug/L			08/24/18 00:42	10
1,4-Dichlorobenzene	**57**		10	8.4	ug/L			08/24/18 00:42	10
2-Butanone (MEK)	ND		100	13	ug/L			08/24/18 00:42	10
2-Hexanone	ND		50	12	ug/L			08/24/18 00:42	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/24/18 00:42	10
Acetone	ND		100	30	ug/L			08/24/18 00:42	10
Benzene	ND		10	4.1	ug/L			08/24/18 00:42	10
Bromodichloromethane	ND		10	3.9	ug/L			08/24/18 00:42	10
Bromoform	ND		10	2.6	ug/L			08/24/18 00:42	10
Bromomethane	ND		10	6.9	ug/L			08/24/18 00:42	10
Carbon disulfide	ND		10	1.9	ug/L			08/24/18 00:42	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/24/18 00:42	10
Chlorobenzene	**480**		10	7.5	ug/L			08/24/18 00:42	10
Chloroethane	ND		10	3.2	ug/L			08/24/18 00:42	10
Chloroform	ND		10	3.4	ug/L			08/24/18 00:42	10
Chloromethane	ND		10	3.5	ug/L			08/24/18 00:42	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/24/18 00:42	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/24/18 00:42	10
Cyclohexane	ND		10	1.8	ug/L			08/24/18 00:42	10
Dibromochloromethane	ND		10	3.2	ug/L			08/24/18 00:42	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/24/18 00:42	10
Ethylbenzene	ND		10	7.4	ug/L			08/24/18 00:42	10
Isopropylbenzene	ND		10	7.9	ug/L			08/24/18 00:42	10
Methyl acetate	ND		25	13	ug/L			08/24/18 00:42	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/24/18 00:42	10
Methylcyclohexane	ND		10	1.6	ug/L			08/24/18 00:42	10
Methylene Chloride	ND		10	4.4	ug/L			08/24/18 00:42	10
Styrene	ND		10	7.3	ug/L			08/24/18 00:42	10
Tetrachloroethene	ND		10	3.6	ug/L			08/24/18 00:42	10
Toluene	ND		10	5.1	ug/L			08/24/18 00:42	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/24/18 00:42	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/24/18 00:42	10
Trichloroethene	ND		10	4.6	ug/L			08/24/18 00:42	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/24/18 00:42	10
Vinyl chloride	ND		10	9.0	ug/L			08/24/18 00:42	10
Xylenes, Total	ND		20	6.6	ug/L			08/24/18 00:42	10

Client Sample ID: BCC Area C MW-C04 D_0818

Lab Sample ID: 480-140719-3

Date Collected: 08/21/18 12:20

Matrix: Ground Water

Date Received: 08/22/18 14:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/24/18 00:42*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*08/24/18 00:42*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/24/18 00:42*	*10*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/24/18 00:42*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 23:09	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		08/23/18 07:40	08/27/18 23:09	1
2,4-Dichlorophenol	**4.6**	**J**	5.0	0.51	ug/L		08/23/18 07:40	08/27/18 23:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/23/18 07:40	08/27/18 23:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 23:09	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/27/18 23:09	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/23/18 07:40	08/27/18 23:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/23/18 07:40	08/27/18 23:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/23/18 07:40	08/27/18 23:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:09	1
2-Nitroaniline	ND	*	10	0.42	ug/L		08/23/18 07:40	08/27/18 23:09	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 23:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:09	1
3-Nitroaniline	ND		10	0.48	ug/L		08/23/18 07:40	08/27/18 23:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 23:09	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/27/18 23:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/23/18 07:40	08/27/18 23:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 23:09	1
4-Chlorophenyl phenyl ether	ND	*	5.0	0.35	ug/L		08/23/18 07:40	08/27/18 23:09	1
4-Methylphenol	ND		10	0.36	ug/L		08/23/18 07:40	08/27/18 23:09	1
4-Nitroaniline	ND	*	10	0.25	ug/L		08/23/18 07:40	08/27/18 23:09	1
4-Nitrophenol	ND		10	1.5	ug/L		08/23/18 07:40	08/27/18 23:09	1
Acenaphthene	ND	*	5.0	0.41	ug/L		08/23/18 07:40	08/27/18 23:09	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		08/23/18 07:40	08/27/18 23:09	1
Acetophenone	ND	*	5.0	0.54	ug/L		08/23/18 07:40	08/27/18 23:09	1
Aniline	**0.86**	**J**	10	0.61	ug/L		08/23/18 07:40	08/27/18 23:09	1
Anthracene	ND	*	5.0	0.28	ug/L		08/23/18 07:40	08/27/18 23:09	1
Atrazine	ND	*	5.0	0.46	ug/L		08/23/18 07:40	08/27/18 23:09	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/23/18 07:40	08/27/18 23:09	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 23:09	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/27/18 23:09	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/27/18 23:09	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 23:09	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		08/23/18 07:40	08/27/18 23:09	1
Biphenyl	ND	*	5.0	0.65	ug/L		08/23/18 07:40	08/27/18 23:09	1
bis (2-chloroisopropyl) ether	ND	*	5.0	0.52	ug/L		08/23/18 07:40	08/27/18 23:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 23:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:09	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 23:09	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/23/18 07:40	08/27/18 23:09	1
Caprolactam	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 23:09	1
Carbazole	ND	*	5.0	0.30	ug/L		08/23/18 07:40	08/27/18 23:09	1

Client Sample ID: BCC Area C MW-C04 D_0818
Date Collected: 08/21/18 12:20
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/23/18 07:40	08/27/18 23:09	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		08/23/18 07:40	08/27/18 23:09	1
Dibenzofuran	ND		10	0.51	ug/L		08/23/18 07:40	08/27/18 23:09	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		08/23/18 07:40	08/27/18 23:09	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 23:09	1
Di-n-butyl phthalate	**0.38**	**J B ***	5.0	0.31	ug/L		08/23/18 07:40	08/27/18 23:09	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/23/18 07:40	08/27/18 23:09	1
Fluoranthene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:09	1
Fluorene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 23:09	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/27/18 23:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/23/18 07:40	08/27/18 23:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 23:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 23:09	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/27/18 23:09	1
Isophorone	ND	*	5.0	0.43	ug/L		08/23/18 07:40	08/27/18 23:09	1
Naphthalene	ND		5.0	0.76	ug/L		08/23/18 07:40	08/27/18 23:09	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/23/18 07:40	08/27/18 23:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/23/18 07:40	08/27/18 23:09	1
N-Nitrosodiphenylamine	**0.62**	**J ***	5.0	0.51	ug/L		08/23/18 07:40	08/27/18 23:09	1
Pentachlorophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 23:09	1
Phenanthrene	ND	*	5.0	0.44	ug/L		08/23/18 07:40	08/27/18 23:09	1
Phenol	ND		5.0	0.39	ug/L		08/23/18 07:40	08/27/18 23:09	1
Pyrene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/27/18 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*41 - 120*	*08/23/18 07:40*	*08/27/18 23:09*	*1*
2-Fluorobiphenyl	*93*		*48 - 120*	*08/23/18 07:40*	*08/27/18 23:09*	*1*
2-Fluorophenol	*61*		*35 - 120*	*08/23/18 07:40*	*08/27/18 23:09*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*08/23/18 07:40*	*08/27/18 23:09*	*1*
Phenol-d5	*42*		*22 - 120*	*08/23/18 07:40*	*08/27/18 23:09*	*1*
p-Terphenyl-d14	*80*		*59 - 136*	*08/23/18 07:40*	*08/27/18 23:09*	*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		08/27/18 09:26	08/28/18 14:54	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 14:54	1
Arsenic	ND		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 14:54	1
Barium	**0.25**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 14:54	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 14:54	1
Cadmium	ND		0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 14:54	1
Calcium	**216**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:54	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 14:54	1
Cobalt	ND		0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 14:54	1
Copper	ND		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 14:54	1
Iron	**6.4**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 14:54	1
Lead	ND		0.010	0.0030	mg/L		08/27/18 09:26	08/28/18 14:54	1
Magnesium	**26.1**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 14:54	1
Manganese	**1.1**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 14:54	1
Nickel	ND		0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 14:54	1
Potassium	**10.2**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:54	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-C04 D_0818
Date Collected: 08/21/18 12:20
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 14:54	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 14:54	1
Sodium	**38.5**		1.0	0.32	mg/L		08/27/18 09:26	08/28/18 14:54	1
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 14:54	1
Vanadium	ND		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 14:54	1
Zinc	**0.0058**	**J**	0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 14:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 17:08	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C PS-05A_0818
Date Collected: 08/22/18 09:45
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-4
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		10	8.2	ug/L			08/24/18 01:05	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/24/18 01:05	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/24/18 01:05	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/24/18 01:05	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/24/18 01:05	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/24/18 01:05	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/24/18 01:05	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/24/18 01:05	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/24/18 01:05	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/24/18 01:05	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/24/18 01:05	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/24/18 01:05	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			08/24/18 01:05	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			08/24/18 01:05	10
2-Butanone (MEK)	ND		100	13	ug/L			08/24/18 01:05	10
2-Hexanone	ND		50	12	ug/L			08/24/18 01:05	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/24/18 01:05	10
Acetone	ND		100	30	ug/L			08/24/18 01:05	10
Benzene	ND		10	4.1	ug/L			08/24/18 01:05	10
Bromodichloromethane	ND		10	3.9	ug/L			08/24/18 01:05	10
Bromoform	ND		10	2.6	ug/L			08/24/18 01:05	10
Bromomethane	ND		10	6.9	ug/L			08/24/18 01:05	10
Carbon disulfide	ND		10	1.9	ug/L			08/24/18 01:05	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/24/18 01:05	10
Chlorobenzene	**360**		10	7.5	ug/L			08/24/18 01:05	10
Chloroethane	ND		10	3.2	ug/L			08/24/18 01:05	10
Chloroform	ND		10	3.4	ug/L			08/24/18 01:05	10
Chloromethane	ND		10	3.5	ug/L			08/24/18 01:05	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/24/18 01:05	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/24/18 01:05	10
Cyclohexane	ND		10	1.8	ug/L			08/24/18 01:05	10
Dibromochloromethane	ND		10	3.2	ug/L			08/24/18 01:05	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/24/18 01:05	10
Ethylbenzene	ND		10	7.4	ug/L			08/24/18 01:05	10
Isopropylbenzene	ND		10	7.9	ug/L			08/24/18 01:05	10
Methyl acetate	ND		25	13	ug/L			08/24/18 01:05	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/24/18 01:05	10
Methylcyclohexane	ND		10	1.6	ug/L			08/24/18 01:05	10
Methylene Chloride	ND		10	4.4	ug/L			08/24/18 01:05	10
Styrene	ND		10	7.3	ug/L			08/24/18 01:05	10
Tetrachloroethene	ND		10	3.6	ug/L			08/24/18 01:05	10
Toluene	ND		10	5.1	ug/L			08/24/18 01:05	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/24/18 01:05	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/24/18 01:05	10
Trichloroethene	ND		10	4.6	ug/L			08/24/18 01:05	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/24/18 01:05	10
Vinyl chloride	ND		10	9.0	ug/L			08/24/18 01:05	10
Xylenes, Total	ND		20	6.6	ug/L			08/24/18 01:05	10

Client Sample ID: BCC Area C PS-05A_0818

Date Collected: 08/22/18 09:45
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-4

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/24/18 01:05*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*08/24/18 01:05*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/24/18 01:05*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/24/18 01:05*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 23:38	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		08/23/18 07:40	08/27/18 23:38	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/23/18 07:40	08/27/18 23:38	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/23/18 07:40	08/27/18 23:38	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 23:38	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/27/18 23:38	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:38	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/23/18 07:40	08/27/18 23:38	1
2-Chlorophenol	**6.9**		5.0	0.53	ug/L		08/23/18 07:40	08/27/18 23:38	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/23/18 07:40	08/27/18 23:38	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:38	1
2-Nitroaniline	ND	*	10	0.42	ug/L		08/23/18 07:40	08/27/18 23:38	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 23:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:38	1
3-Nitroaniline	ND		10	0.48	ug/L		08/23/18 07:40	08/27/18 23:38	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 23:38	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/27/18 23:38	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/23/18 07:40	08/27/18 23:38	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 23:38	1
4-Chlorophenyl phenyl ether	ND	*	5.0	0.35	ug/L		08/23/18 07:40	08/27/18 23:38	1
4-Methylphenol	ND		10	0.36	ug/L		08/23/18 07:40	08/27/18 23:38	1
4-Nitroaniline	ND	*	10	0.25	ug/L		08/23/18 07:40	08/27/18 23:38	1
4-Nitrophenol	ND		10	1.5	ug/L		08/23/18 07:40	08/27/18 23:38	1
Acenaphthene	ND	*	5.0	0.41	ug/L		08/23/18 07:40	08/27/18 23:38	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		08/23/18 07:40	08/27/18 23:38	1
Acetophenone	ND	*	5.0	0.54	ug/L		08/23/18 07:40	08/27/18 23:38	1
Aniline	ND		10	0.61	ug/L		08/23/18 07:40	08/27/18 23:38	1
Anthracene	ND	*	5.0	0.28	ug/L		08/23/18 07:40	08/27/18 23:38	1
Atrazine	ND	*	5.0	0.46	ug/L		08/23/18 07:40	08/27/18 23:38	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/23/18 07:40	08/27/18 23:38	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 23:38	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/27/18 23:38	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/27/18 23:38	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 23:38	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		08/23/18 07:40	08/27/18 23:38	1
Biphenyl	ND	*	5.0	0.65	ug/L		08/23/18 07:40	08/27/18 23:38	1
bis (2-chloroisopropyl) ether	ND	*	5.0	0.52	ug/L		08/23/18 07:40	08/27/18 23:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 23:38	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:38	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 23:38	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/23/18 07:40	08/27/18 23:38	1
Caprolactam	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 23:38	1
Carbazole	ND	*	5.0	0.30	ug/L		08/23/18 07:40	08/27/18 23:38	1

Client Sample ID: BCC Area C PS-05A_0818
Date Collected: 08/22/18 09:45
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/23/18 07:40	08/27/18 23:38	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		08/23/18 07:40	08/27/18 23:38	1
Dibenzofuran	ND		10	0.51	ug/L		08/23/18 07:40	08/27/18 23:38	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		08/23/18 07:40	08/27/18 23:38	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 23:38	1
Di-n-butyl phthalate	**0.33**	**J B ***	5.0	0.31	ug/L		08/23/18 07:40	08/27/18 23:38	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/23/18 07:40	08/27/18 23:38	1
Fluoranthene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/27/18 23:38	1
Fluorene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/27/18 23:38	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/27/18 23:38	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/23/18 07:40	08/27/18 23:38	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 23:38	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 23:38	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/27/18 23:38	1
Isophorone	ND	*	5.0	0.43	ug/L		08/23/18 07:40	08/27/18 23:38	1
Naphthalene	ND		5.0	0.76	ug/L		08/23/18 07:40	08/27/18 23:38	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/23/18 07:40	08/27/18 23:38	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/23/18 07:40	08/27/18 23:38	1
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/27/18 23:38	1
Pentachlorophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 23:38	1
Phenanthrene	ND	*	5.0	0.44	ug/L		08/23/18 07:40	08/27/18 23:38	1
Phenol	ND		5.0	0.39	ug/L		08/23/18 07:40	08/27/18 23:38	1
Pyrene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/27/18 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*95*		*41 - 120*	*08/23/18 07:40*	*08/27/18 23:38*	*1*
2-Fluorobiphenyl	*104*		*48 - 120*	*08/23/18 07:40*	*08/27/18 23:38*	*1*
2-Fluorophenol	*71*		*35 - 120*	*08/23/18 07:40*	*08/27/18 23:38*	*1*
Nitrobenzene-d5	*92*		*46 - 120*	*08/23/18 07:40*	*08/27/18 23:38*	*1*
Phenol-d5	*48*		*22 - 120*	*08/23/18 07:40*	*08/27/18 23:38*	*1*
p-Terphenyl-d14	*102*		*59 - 136*	*08/23/18 07:40*	*08/27/18 23:38*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/27/18 09:26	08/28/18 14:58	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 14:58	1
Arsenic	**0.36**		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 14:58	1
Barium	**0.025**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 14:58	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 14:58	1
Cadmium	ND		0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 14:58	1
Calcium	**257**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:58	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 14:58	1
Cobalt	ND		0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 14:58	1
Copper	ND		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 14:58	1
Iron	**27.7**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 14:58	1
Lead	ND		0.020	0.0060	mg/L		08/27/18 09:26	08/29/18 12:45	2
Magnesium	**23.3**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 14:58	1
Manganese	**0.36**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 14:58	1
Nickel	ND		0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 14:58	1
Potassium	**16.3**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:58	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C PS-05A_0818
Date Collected: 08/22/18 09:45
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 14:58	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 14:58	1
Sodium	**99.7**		1.0	0.32	mg/L		08/27/18 09:26	08/28/18 14:58	1
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 14:58	1
Vanadium	ND		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 14:58	1
Zinc	**0.029**		0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 14:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 17:10	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C PS-06_0818
Date Collected: 08/21/18 10:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-5
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		5.0	4.1	ug/L			08/24/18 01:28	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			08/24/18 01:28	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			08/24/18 01:28	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			08/24/18 01:28	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			08/24/18 01:28	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			08/24/18 01:28	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			08/24/18 01:28	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			08/24/18 01:28	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			08/24/18 01:28	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			08/24/18 01:28	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			08/24/18 01:28	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			08/24/18 01:28	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			08/24/18 01:28	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			08/24/18 01:28	5
2-Butanone (MEK)	ND		50	6.6	ug/L			08/24/18 01:28	5
2-Hexanone	ND		25	6.2	ug/L			08/24/18 01:28	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			08/24/18 01:28	5
Acetone	ND		50	15	ug/L			08/24/18 01:28	5
Benzene	ND		5.0	2.1	ug/L			08/24/18 01:28	5
Bromodichloromethane	ND		5.0	2.0	ug/L			08/24/18 01:28	5
Bromoform	ND		5.0	1.3	ug/L			08/24/18 01:28	5
Bromomethane	ND		5.0	3.5	ug/L			08/24/18 01:28	5
Carbon disulfide	ND		5.0	0.95	ug/L			08/24/18 01:28	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			08/24/18 01:28	5
Chlorobenzene	ND		5.0	3.8	ug/L			08/24/18 01:28	5
Chloroethane	ND		5.0	1.6	ug/L			08/24/18 01:28	5
Chloroform	ND		5.0	1.7	ug/L			08/24/18 01:28	5
Chloromethane	ND		5.0	1.8	ug/L			08/24/18 01:28	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			08/24/18 01:28	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			08/24/18 01:28	5
Cyclohexane	ND		5.0	0.90	ug/L			08/24/18 01:28	5
Dibromochloromethane	ND		5.0	1.6	ug/L			08/24/18 01:28	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			08/24/18 01:28	5
Ethylbenzene	ND		5.0	3.7	ug/L			08/24/18 01:28	5
Isopropylbenzene	ND		5.0	4.0	ug/L			08/24/18 01:28	5
Methyl acetate	ND		13	6.5	ug/L			08/24/18 01:28	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			08/24/18 01:28	5
Methylcyclohexane	ND		5.0	0.80	ug/L			08/24/18 01:28	5
Methylene Chloride	ND		5.0	2.2	ug/L			08/24/18 01:28	5
Styrene	ND		5.0	3.7	ug/L			08/24/18 01:28	5
Tetrachloroethene	ND		5.0	1.8	ug/L			08/24/18 01:28	5
Toluene	ND		5.0	2.6	ug/L			08/24/18 01:28	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			08/24/18 01:28	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			08/24/18 01:28	5
Trichloroethene	ND		5.0	2.3	ug/L			08/24/18 01:28	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			08/24/18 01:28	5
Vinyl chloride	ND		5.0	4.5	ug/L			08/24/18 01:28	5
Xylenes, Total	ND		10	3.3	ug/L			08/24/18 01:28	5

Client Sample ID: BCC Area C PS-06_0818
Date Collected: 08/21/18 10:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*08/24/18 01:28*	*5*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/24/18 01:28*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/24/18 01:28*	*5*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/24/18 01:28*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
2,4,6-Trichlorophenol	ND	*	25	3.1	ug/L		08/23/18 07:40	08/28/18 00:08	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		08/23/18 07:40	08/28/18 00:08	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		08/23/18 07:40	08/28/18 00:08	5
2,4-Dinitrophenol	ND		50	11	ug/L		08/23/18 07:40	08/28/18 00:08	5
2,4-Dinitrotoluene	ND	*	25	2.2	ug/L		08/23/18 07:40	08/28/18 00:08	5
2,6-Dinitrotoluene	ND	*	25	2.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
2-Chloronaphthalene	ND		25	2.3	ug/L		08/23/18 07:40	08/28/18 00:08	5
2-Chlorophenol	ND		25	2.7	ug/L		08/23/18 07:40	08/28/18 00:08	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
2-Methylphenol	ND		25	2.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
2-Nitroaniline	ND	*	50	2.1	ug/L		08/23/18 07:40	08/28/18 00:08	5
2-Nitrophenol	ND		25	2.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
3-Nitroaniline	ND		50	2.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		08/23/18 07:40	08/28/18 00:08	5
4-Bromophenyl phenyl ether	ND	*	25	2.3	ug/L		08/23/18 07:40	08/28/18 00:08	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		08/23/18 07:40	08/28/18 00:08	5
4-Chloroaniline	ND		25	3.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
4-Chlorophenyl phenyl ether	ND	*	25	1.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
4-Methylphenol	ND		50	1.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
4-Nitroaniline	ND	*	50	1.3	ug/L		08/23/18 07:40	08/28/18 00:08	5
4-Nitrophenol	ND		50	7.6	ug/L		08/23/18 07:40	08/28/18 00:08	5
Acenaphthene	ND	*	25	2.1	ug/L		08/23/18 07:40	08/28/18 00:08	5
Acenaphthylene	ND	*	25	1.9	ug/L		08/23/18 07:40	08/28/18 00:08	5
Acetophenone	ND	*	25	2.7	ug/L		08/23/18 07:40	08/28/18 00:08	5
Aniline	ND		50	3.1	ug/L		08/23/18 07:40	08/28/18 00:08	5
Anthracene	ND	*	25	1.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
Atrazine	ND	*	25	2.3	ug/L		08/23/18 07:40	08/28/18 00:08	5
Benzaldehyde	ND		25	1.3	ug/L		08/23/18 07:40	08/28/18 00:08	5
Benzo(a)anthracene	ND	*	25	1.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
Benzo(a)pyrene	ND	*	25	2.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
Benzo(b)fluoranthene	ND	*	25	1.7	ug/L		08/23/18 07:40	08/28/18 00:08	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
Benzo(k)fluoranthene	ND	*	25	3.7	ug/L		08/23/18 07:40	08/28/18 00:08	5
Biphenyl	ND	*	25	3.3	ug/L		08/23/18 07:40	08/28/18 00:08	5
bis (2-chloroisopropyl) ether	ND	*	25	2.6	ug/L		08/23/18 07:40	08/28/18 00:08	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		08/23/18 07:40	08/28/18 00:08	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
Caprolactam	ND		25	11	ug/L		08/23/18 07:40	08/28/18 00:08	5
Carbazole	ND	*	25	1.5	ug/L		08/23/18 07:40	08/28/18 00:08	5

Client Sample ID: BCC Area C PS-06_0818
Date Collected: 08/21/18 10:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		08/23/18 07:40	08/28/18 00:08	5
Dibenz(a,h)anthracene	ND	*	25	2.1	ug/L		08/23/18 07:40	08/28/18 00:08	5
Dibenzofuran	ND		50	2.6	ug/L		08/23/18 07:40	08/28/18 00:08	5
Diethyl phthalate	ND	*	25	1.1	ug/L		08/23/18 07:40	08/28/18 00:08	5
Dimethyl phthalate	ND	*	25	1.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
Di-n-butyl phthalate	ND	*	25	1.6	ug/L		08/23/18 07:40	08/28/18 00:08	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
Fluoranthene	ND	*	25	2.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
Fluorene	ND	*	25	1.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
Hexachlorobenzene	ND	*	25	2.6	ug/L		08/23/18 07:40	08/28/18 00:08	5
Hexachlorobutadiene	ND		25	3.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
Hexachloroethane	ND		25	3.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
Indeno(1,2,3-cd)pyrene	ND	*	25	2.4	ug/L		08/23/18 07:40	08/28/18 00:08	5
Isophorone	ND	*	25	2.2	ug/L		08/23/18 07:40	08/28/18 00:08	5
Naphthalene	ND		25	3.8	ug/L		08/23/18 07:40	08/28/18 00:08	5
Nitrobenzene	ND		25	1.5	ug/L		08/23/18 07:40	08/28/18 00:08	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		08/23/18 07:40	08/28/18 00:08	5
N-Nitrosodiphenylamine	ND	*	25	2.6	ug/L		08/23/18 07:40	08/28/18 00:08	5
Pentachlorophenol	ND		50	11	ug/L		08/23/18 07:40	08/28/18 00:08	5
Phenanthrene	ND	*	25	2.2	ug/L		08/23/18 07:40	08/28/18 00:08	5
Phenol	ND		25	2.0	ug/L		08/23/18 07:40	08/28/18 00:08	5
Pyrene	ND	*	25	1.7	ug/L		08/23/18 07:40	08/28/18 00:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*41 - 120*	*08/23/18 07:40*	*08/28/18 00:08*	*5*
2-Fluorobiphenyl	*76*		*48 - 120*	*08/23/18 07:40*	*08/28/18 00:08*	*5*
2-Fluorophenol	*58*		*35 - 120*	*08/23/18 07:40*	*08/28/18 00:08*	*5*
Nitrobenzene-d5	*70*		*46 - 120*	*08/23/18 07:40*	*08/28/18 00:08*	*5*
Phenol-d5	*41*		*22 - 120*	*08/23/18 07:40*	*08/28/18 00:08*	*5*
p-Terphenyl-d14	*75*		*59 - 136*	*08/23/18 07:40*	*08/28/18 00:08*	*5*

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		08/27/18 09:26	08/28/18 15:01	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 15:01	1
Arsenic	**0.095**		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 15:01	1
Barium	**0.012**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 15:01	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 15:01	1
Cadmium	ND		0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 15:01	1
Calcium	**208**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:01	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 15:01	1
Cobalt	ND		0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 15:01	1
Copper	ND		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 15:01	1
Iron	**35.5**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 15:01	1
Lead	ND		0.050	0.015	mg/L		08/27/18 09:26	08/29/18 12:49	5
Magnesium	**10.6**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 15:01	1
Manganese	**0.18**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 15:01	1
Nickel	ND		0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 15:01	1
Potassium	**57.6**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:01	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C PS-06_0818
Date Collected: 08/21/18 10:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 15:01	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 15:01	1
Sodium	**64.8**		1.0	0.32	mg/L		08/27/18 09:26	08/28/18 15:01	1
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 15:01	1
Vanadium	ND		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 15:01	1
Zinc	**0.015**		0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 15:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 17:11	1

Client Sample ID: BCC Area C RFI-20_0818

Date Collected: 08/22/18 08:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-6

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			08/24/18 01:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/24/18 01:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/24/18 01:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/24/18 01:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/24/18 01:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/24/18 01:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/24/18 01:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/24/18 01:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/24/18 01:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/24/18 01:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/24/18 01:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/24/18 01:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/24/18 01:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/24/18 01:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/24/18 01:51	1
2-Hexanone	ND		5.0	1.2	ug/L			08/24/18 01:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/24/18 01:51	1
Acetone	**3.9**	**J**	10	3.0	ug/L			08/24/18 01:51	1
Benzene	ND		1.0	0.41	ug/L			08/24/18 01:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/24/18 01:51	1
Bromoform	ND		1.0	0.26	ug/L			08/24/18 01:51	1
Bromomethane	ND		1.0	0.69	ug/L			08/24/18 01:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/24/18 01:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/24/18 01:51	1
Chlorobenzene	**57**		1.0	0.75	ug/L			08/24/18 01:51	1
Chloroethane	ND		1.0	0.32	ug/L			08/24/18 01:51	1
Chloroform	ND		1.0	0.34	ug/L			08/24/18 01:51	1
Chloromethane	ND		1.0	0.35	ug/L			08/24/18 01:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/24/18 01:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/24/18 01:51	1
Cyclohexane	ND		1.0	0.18	ug/L			08/24/18 01:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/24/18 01:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/24/18 01:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/24/18 01:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/24/18 01:51	1
Methyl acetate	ND		2.5	1.3	ug/L			08/24/18 01:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/24/18 01:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/24/18 01:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/24/18 01:51	1
Styrene	ND		1.0	0.73	ug/L			08/24/18 01:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/24/18 01:51	1
Toluene	ND		1.0	0.51	ug/L			08/24/18 01:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/24/18 01:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/24/18 01:51	1
Trichloroethene	ND		1.0	0.46	ug/L			08/24/18 01:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/24/18 01:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/24/18 01:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/24/18 01:51	1

Client Sample ID: BCC Area C RFI-20_0818

Date Collected: 08/22/18 08:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-6

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/24/18 01:51*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/24/18 01:51*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/24/18 01:51*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/24/18 01:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/28/18 00:38	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		08/23/18 07:40	08/28/18 00:38	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/23/18 07:40	08/28/18 00:38	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/23/18 07:40	08/28/18 00:38	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/28/18 00:38	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/28/18 00:38	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/28/18 00:38	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/23/18 07:40	08/28/18 00:38	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/23/18 07:40	08/28/18 00:38	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/23/18 07:40	08/28/18 00:38	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/23/18 07:40	08/28/18 00:38	1
2-Nitroaniline	ND	*	10	0.42	ug/L		08/23/18 07:40	08/28/18 00:38	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/28/18 00:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/23/18 07:40	08/28/18 00:38	1
3-Nitroaniline	ND		10	0.48	ug/L		08/23/18 07:40	08/28/18 00:38	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/23/18 07:40	08/28/18 00:38	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/28/18 00:38	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/23/18 07:40	08/28/18 00:38	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/23/18 07:40	08/28/18 00:38	1
4-Chlorophenyl phenyl ether	ND	*	5.0	0.35	ug/L		08/23/18 07:40	08/28/18 00:38	1
4-Methylphenol	ND		10	0.36	ug/L		08/23/18 07:40	08/28/18 00:38	1
4-Nitroaniline	ND	*	10	0.25	ug/L		08/23/18 07:40	08/28/18 00:38	1
4-Nitrophenol	ND		10	1.5	ug/L		08/23/18 07:40	08/28/18 00:38	1
Acenaphthene	ND	*	5.0	0.41	ug/L		08/23/18 07:40	08/28/18 00:38	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		08/23/18 07:40	08/28/18 00:38	1
Acetophenone	ND	*	5.0	0.54	ug/L		08/23/18 07:40	08/28/18 00:38	1
Aniline	ND		10	0.61	ug/L		08/23/18 07:40	08/28/18 00:38	1
Anthracene	ND	*	5.0	0.28	ug/L		08/23/18 07:40	08/28/18 00:38	1
Atrazine	ND	*	5.0	0.46	ug/L		08/23/18 07:40	08/28/18 00:38	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/23/18 07:40	08/28/18 00:38	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/28/18 00:38	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/28/18 00:38	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/28/18 00:38	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/23/18 07:40	08/28/18 00:38	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		08/23/18 07:40	08/28/18 00:38	1
Biphenyl	ND	*	5.0	0.65	ug/L		08/23/18 07:40	08/28/18 00:38	1
bis (2-chloroisopropyl) ether	ND	*	5.0	0.52	ug/L		08/23/18 07:40	08/28/18 00:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/23/18 07:40	08/28/18 00:38	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/23/18 07:40	08/28/18 00:38	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/23/18 07:40	08/28/18 00:38	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/23/18 07:40	08/28/18 00:38	1
Caprolactam	ND		5.0	2.2	ug/L		08/23/18 07:40	08/28/18 00:38	1
Carbazole	ND	*	5.0	0.30	ug/L		08/23/18 07:40	08/28/18 00:38	1

Client Sample ID: BCC Area C RFI-20_0818
Date Collected: 08/22/18 08:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/23/18 07:40	08/28/18 00:38	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		08/23/18 07:40	08/28/18 00:38	1
Dibenzofuran	ND		10	0.51	ug/L		08/23/18 07:40	08/28/18 00:38	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		08/23/18 07:40	08/28/18 00:38	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/28/18 00:38	1
Di-n-butyl phthalate	**0.35**	**J B ***	5.0	0.31	ug/L		08/23/18 07:40	08/28/18 00:38	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/23/18 07:40	08/28/18 00:38	1
Fluoranthene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/28/18 00:38	1
Fluorene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/28/18 00:38	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/28/18 00:38	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/23/18 07:40	08/28/18 00:38	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/23/18 07:40	08/28/18 00:38	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/23/18 07:40	08/28/18 00:38	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/28/18 00:38	1
Isophorone	ND	*	5.0	0.43	ug/L		08/23/18 07:40	08/28/18 00:38	1
Naphthalene	ND		5.0	0.76	ug/L		08/23/18 07:40	08/28/18 00:38	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/23/18 07:40	08/28/18 00:38	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/23/18 07:40	08/28/18 00:38	1
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/28/18 00:38	1
Pentachlorophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/28/18 00:38	1
Phenanthrene	ND	*	5.0	0.44	ug/L		08/23/18 07:40	08/28/18 00:38	1
Phenol	ND		5.0	0.39	ug/L		08/23/18 07:40	08/28/18 00:38	1
Pyrene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/28/18 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*84*		*41 - 120*	*08/23/18 07:40*	*08/28/18 00:38*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*08/23/18 07:40*	*08/28/18 00:38*	*1*
2-Fluorophenol	*61*		*35 - 120*	*08/23/18 07:40*	*08/28/18 00:38*	*1*
Nitrobenzene-d5	*78*		*46 - 120*	*08/23/18 07:40*	*08/28/18 00:38*	*1*
Phenol-d5	*42*		*22 - 120*	*08/23/18 07:40*	*08/28/18 00:38*	*1*
p-Terphenyl-d14	*84*		*59 - 136*	*08/23/18 07:40*	*08/28/18 00:38*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/27/18 09:26	08/28/18 15:05	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 15:05	1
Arsenic	ND		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 15:05	1
Barium	**0.053**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 15:05	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 15:05	1
Cadmium	ND		0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 15:05	1
Calcium	**177**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:05	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 15:05	1
Cobalt	ND		0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 15:05	1
Copper	ND		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 15:05	1
Iron	**6.5**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 15:05	1
Lead	ND		0.010	0.0030	mg/L		08/27/18 09:26	08/28/18 15:05	1
Magnesium	**16.3**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 15:05	1
Manganese	**0.30**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 15:05	1
Nickel	**0.0026**	**J**	0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 15:05	1
Potassium	**9.8**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:05	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C RFI-20_0818
Date Collected: 08/22/18 08:50
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 15:05	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 15:05	1
Sodium	**35.8**		1.0	0.32	mg/L		08/27/18 09:26	08/28/18 15:05	1
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 15:05	1
Vanadium	**0.0017**	**J**	0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 15:05	1
Zinc	**0.0099**	**J**	0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 15:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 17:13	1

Client Sample ID: BCC Area C RFI-31_0818
Date Collected: 08/22/18 08:00
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-7
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		10	8.2	ug/L			08/24/18 02:14	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/24/18 02:14	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/24/18 02:14	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/24/18 02:14	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/24/18 02:14	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/24/18 02:14	10
1,2,4-Trichlorobenzene	**130**		10	4.1	ug/L			08/24/18 02:14	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/24/18 02:14	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/24/18 02:14	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/24/18 02:14	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/24/18 02:14	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/24/18 02:14	10
1,3-Dichlorobenzene	**51**		10	7.8	ug/L			08/24/18 02:14	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			08/24/18 02:14	10
2-Butanone (MEK)	ND		100	13	ug/L			08/24/18 02:14	10
2-Hexanone	ND		50	12	ug/L			08/24/18 02:14	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/24/18 02:14	10
Acetone	ND		100	30	ug/L			08/24/18 02:14	10
Benzene	ND		10	4.1	ug/L			08/24/18 02:14	10
Bromodichloromethane	ND		10	3.9	ug/L			08/24/18 02:14	10
Bromoform	ND		10	2.6	ug/L			08/24/18 02:14	10
Bromomethane	ND		10	6.9	ug/L			08/24/18 02:14	10
Carbon disulfide	ND		10	1.9	ug/L			08/24/18 02:14	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/24/18 02:14	10
Chlorobenzene	**40**		10	7.5	ug/L			08/24/18 02:14	10
Chloroethane	ND		10	3.2	ug/L			08/24/18 02:14	10
Chloroform	ND		10	3.4	ug/L			08/24/18 02:14	10
Chloromethane	ND		10	3.5	ug/L			08/24/18 02:14	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/24/18 02:14	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/24/18 02:14	10
Cyclohexane	ND		10	1.8	ug/L			08/24/18 02:14	10
Dibromochloromethane	ND		10	3.2	ug/L			08/24/18 02:14	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/24/18 02:14	10
Ethylbenzene	ND		10	7.4	ug/L			08/24/18 02:14	10
Isopropylbenzene	ND		10	7.9	ug/L			08/24/18 02:14	10
Methyl acetate	ND		25	13	ug/L			08/24/18 02:14	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/24/18 02:14	10
Methylcyclohexane	ND		10	1.6	ug/L			08/24/18 02:14	10
Methylene Chloride	ND		10	4.4	ug/L			08/24/18 02:14	10
Styrene	ND		10	7.3	ug/L			08/24/18 02:14	10
Tetrachloroethene	ND		10	3.6	ug/L			08/24/18 02:14	10
Toluene	ND		10	5.1	ug/L			08/24/18 02:14	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/24/18 02:14	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/24/18 02:14	10
Trichloroethene	ND		10	4.6	ug/L			08/24/18 02:14	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/24/18 02:14	10
Vinyl chloride	ND		10	9.0	ug/L			08/24/18 02:14	10
Xylenes, Total	ND		20	6.6	ug/L			08/24/18 02:14	10

Client Sample ID: BCC Area C RFI-31_0818

Date Collected: 08/22/18 08:00
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-7

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/24/18 02:14*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*08/24/18 02:14*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/24/18 02:14*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/24/18 02:14*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/28/18 01:07	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		08/23/18 07:40	08/28/18 01:07	1
2,4-Dichlorophenol	**1.3**	**J**	5.0	0.51	ug/L		08/23/18 07:40	08/28/18 01:07	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/23/18 07:40	08/28/18 01:07	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/28/18 01:07	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/28/18 01:07	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/28/18 01:07	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/23/18 07:40	08/28/18 01:07	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/23/18 07:40	08/28/18 01:07	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/23/18 07:40	08/28/18 01:07	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/23/18 07:40	08/28/18 01:07	1
2-Nitroaniline	ND	*	10	0.42	ug/L		08/23/18 07:40	08/28/18 01:07	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/28/18 01:07	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/23/18 07:40	08/28/18 01:07	1
3-Nitroaniline	ND		10	0.48	ug/L		08/23/18 07:40	08/28/18 01:07	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/23/18 07:40	08/28/18 01:07	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		08/23/18 07:40	08/28/18 01:07	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/23/18 07:40	08/28/18 01:07	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/23/18 07:40	08/28/18 01:07	1
4-Chlorophenyl phenyl ether	ND	*	5.0	0.35	ug/L		08/23/18 07:40	08/28/18 01:07	1
4-Methylphenol	ND		10	0.36	ug/L		08/23/18 07:40	08/28/18 01:07	1
4-Nitroaniline	ND	*	10	0.25	ug/L		08/23/18 07:40	08/28/18 01:07	1
4-Nitrophenol	ND		10	1.5	ug/L		08/23/18 07:40	08/28/18 01:07	1
Acenaphthene	ND	*	5.0	0.41	ug/L		08/23/18 07:40	08/28/18 01:07	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		08/23/18 07:40	08/28/18 01:07	1
Acetophenone	ND	*	5.0	0.54	ug/L		08/23/18 07:40	08/28/18 01:07	1
Aniline	ND		10	0.61	ug/L		08/23/18 07:40	08/28/18 01:07	1
Anthracene	ND	*	5.0	0.28	ug/L		08/23/18 07:40	08/28/18 01:07	1
Atrazine	ND	*	5.0	0.46	ug/L		08/23/18 07:40	08/28/18 01:07	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/23/18 07:40	08/28/18 01:07	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/28/18 01:07	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/28/18 01:07	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/28/18 01:07	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/23/18 07:40	08/28/18 01:07	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		08/23/18 07:40	08/28/18 01:07	1
Biphenyl	ND	*	5.0	0.65	ug/L		08/23/18 07:40	08/28/18 01:07	1
bis (2-chloroisopropyl) ether	ND	*	5.0	0.52	ug/L		08/23/18 07:40	08/28/18 01:07	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/23/18 07:40	08/28/18 01:07	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/23/18 07:40	08/28/18 01:07	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/23/18 07:40	08/28/18 01:07	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/23/18 07:40	08/28/18 01:07	1
Caprolactam	ND		5.0	2.2	ug/L		08/23/18 07:40	08/28/18 01:07	1
Carbazole	ND	*	5.0	0.30	ug/L		08/23/18 07:40	08/28/18 01:07	1

Client Sample ID: BCC Area C RFI-31_0818
Date Collected: 08/22/18 08:00
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/23/18 07:40	08/28/18 01:07	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		08/23/18 07:40	08/28/18 01:07	1
Dibenzofuran	ND		10	0.51	ug/L		08/23/18 07:40	08/28/18 01:07	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		08/23/18 07:40	08/28/18 01:07	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/28/18 01:07	1
Di-n-butyl phthalate	**0.41**	**J B ***	5.0	0.31	ug/L		08/23/18 07:40	08/28/18 01:07	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/23/18 07:40	08/28/18 01:07	1
Fluoranthene	ND	*	5.0	0.40	ug/L		08/23/18 07:40	08/28/18 01:07	1
Fluorene	ND	*	5.0	0.36	ug/L		08/23/18 07:40	08/28/18 01:07	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/28/18 01:07	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/23/18 07:40	08/28/18 01:07	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/23/18 07:40	08/28/18 01:07	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/23/18 07:40	08/28/18 01:07	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		08/23/18 07:40	08/28/18 01:07	1
Isophorone	ND	*	5.0	0.43	ug/L		08/23/18 07:40	08/28/18 01:07	1
Naphthalene	ND		5.0	0.76	ug/L		08/23/18 07:40	08/28/18 01:07	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/23/18 07:40	08/28/18 01:07	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/23/18 07:40	08/28/18 01:07	1
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		08/23/18 07:40	08/28/18 01:07	1
Pentachlorophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/28/18 01:07	1
Phenanthrene	ND	*	5.0	0.44	ug/L		08/23/18 07:40	08/28/18 01:07	1
Phenol	ND		5.0	0.39	ug/L		08/23/18 07:40	08/28/18 01:07	1
Pyrene	ND	*	5.0	0.34	ug/L		08/23/18 07:40	08/28/18 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*41 - 120*	*08/23/18 07:40*	*08/28/18 01:07*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*08/23/18 07:40*	*08/28/18 01:07*	*1*
2-Fluorophenol	*63*		*35 - 120*	*08/23/18 07:40*	*08/28/18 01:07*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*08/23/18 07:40*	*08/28/18 01:07*	*1*
Phenol-d5	*44*		*22 - 120*	*08/23/18 07:40*	*08/28/18 01:07*	*1*
p-Terphenyl-d14	*79*		*59 - 136*	*08/23/18 07:40*	*08/28/18 01:07*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/27/18 09:26	08/28/18 15:09	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 15:09	1
Arsenic	ND		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 15:09	1
Barium	**0.020**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 15:09	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 15:09	1
Cadmium	**0.00062**	**J**	0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 15:09	1
Calcium	**362**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:09	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 15:09	1
Cobalt	**0.0026**	**J**	0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 15:09	1
Copper	ND		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 15:09	1
Iron	**0.55**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 15:09	1
Lead	ND		0.10	0.030	mg/L		08/27/18 09:26	08/29/18 13:03	10
Magnesium	**117**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 15:09	1
Manganese	**1.5**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 15:09	1
Nickel	**0.0035**	**J**	0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 15:09	1
Potassium	**20.6**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:09	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C RFI-31_0818
Date Collected: 08/22/18 08:00
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 15:09	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 15:09	1
Sodium	**2020**		10.0	3.2	mg/L		08/27/18 09:26	08/29/18 13:03	10
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 15:09	1
Vanadium	ND		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 15:09	1
Zinc	**0.0045**	**J**	0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 15:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 17:15	1

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: TRIP BLANK
Date Collected: 08/22/18 00:00
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-8
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			08/24/18 02:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/24/18 02:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/24/18 02:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/24/18 02:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/24/18 02:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/24/18 02:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/24/18 02:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/24/18 02:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/24/18 02:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/24/18 02:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/24/18 02:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/24/18 02:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/24/18 02:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/24/18 02:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/24/18 02:38	1
2-Hexanone	ND		5.0	1.2	ug/L			08/24/18 02:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/24/18 02:38	1
Acetone	ND		10	3.0	ug/L			08/24/18 02:38	1
Benzene	ND		1.0	0.41	ug/L			08/24/18 02:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/24/18 02:38	1
Bromoform	ND		1.0	0.26	ug/L			08/24/18 02:38	1
Bromomethane	ND		1.0	0.69	ug/L			08/24/18 02:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/24/18 02:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/24/18 02:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/24/18 02:38	1
Chloroethane	ND		1.0	0.32	ug/L			08/24/18 02:38	1
Chloroform	ND		1.0	0.34	ug/L			08/24/18 02:38	1
Chloromethane	ND		1.0	0.35	ug/L			08/24/18 02:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/24/18 02:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/24/18 02:38	1
Cyclohexane	ND		1.0	0.18	ug/L			08/24/18 02:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/24/18 02:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/24/18 02:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/24/18 02:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/24/18 02:38	1
Methyl acetate	ND		2.5	1.3	ug/L			08/24/18 02:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/24/18 02:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/24/18 02:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/24/18 02:38	1
Styrene	ND		1.0	0.73	ug/L			08/24/18 02:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/24/18 02:38	1
Toluene	ND		1.0	0.51	ug/L			08/24/18 02:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/24/18 02:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/24/18 02:38	1
Trichloroethene	ND		1.0	0.46	ug/L			08/24/18 02:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/24/18 02:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/24/18 02:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/24/18 02:38	1

Client Sample ID: TRIP BLANK
Date Collected: 08/22/18 00:00
Date Received: 08/22/18 14:40

Lab Sample ID: 480-140719-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		08/24/18 02:38	1
4-Bromofluorobenzene (Surr)	99		73 - 120		08/24/18 02:38	1
Toluene-d8 (Surr)	98		80 - 120		08/24/18 02:38	1
Dibromofluoromethane (Surr)	98		75 - 123		08/24/18 02:38	1

Client Sample ID: BCC Area C MW-COIF_0818

Lab Sample ID: 480-140719-9

Date Collected: 08/21/18 14:50

Matrix: Water

Date Received: 08/22/18 14:40

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/27/18 09:26	08/28/18 15:12	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 15:12	1
Arsenic	ND		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 15:12	1
Barium	**0.32**		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 15:12	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 15:12	1
Cadmium	**0.0011**	**J**	0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 15:12	1
Calcium	**348**	**B**	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:12	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 15:12	1
Cobalt	**0.0017**	**J**	0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 15:12	1
Copper	ND		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 15:12	1
Iron	**0.40**		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 15:12	1
Lead	ND		0.010	0.0030	mg/L		08/27/18 09:26	08/28/18 15:12	1
Magnesium	**98.3**		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 15:12	1
Manganese	**1.0**	**B**	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 15:12	1
Nickel	**0.0044**	**J**	0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 15:12	1
Potassium	**33.3**		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 15:12	1
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 15:12	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 15:12	1
Sodium	**4040**		10.0	3.2	mg/L		08/27/18 09:26	08/29/18 13:07	10
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 15:12	1
Vanadium	ND		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 15:12	1
Zinc	**0.062**		0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 15:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 17:20	1

Surrogate Summary

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

TestAmerica Job ID: 480-140719-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-140719-1	BCC Area C MW-C04_0818	104	99	99	101
480-140719-1 MS	BCC Area C MW-C04 MS_0818	100	98	99	98
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	98	99	99	99
480-140719-2	BCC Area C MW-C01_0818	106	101	100	102
480-140719-3	BCC Area C MW-C04 D_0818	105	98	99	100
480-140719-4	BCC Area C PS-05A_0818	105	99	100	98
480-140719-5	BCC Area C PS-06_0818	98	97	100	99
480-140719-6	BCC Area C RFI-20_0818	103	97	96	100
480-140719-7	BCC Area C RFI-31_0818	104	98	100	98

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-140719-8	TRIP BLANK	97	99	98	98
LCS 480-431217/5	Lab Control Sample	98	103	101	97
MB 480-431217/7	Method Blank	99	102	100	96

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-140719-1	BCC Area C MW-C04_0818	89	91	64	83	43	75
480-140719-1 MS	BCC Area C MW-C04 MS_0818	90	87	63	79	51	63
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	92	99	71	90	55	68
480-140719-2	BCC Area C MW-C01_0818	57	77	60	69	45	70
480-140719-3	BCC Area C MW-C04 D_0818	91	93	61	80	42	80
480-140719-4	BCC Area C PS-05A_0818	95	104	71	92	48	102
480-140719-5	BCC Area C PS-06_0818	60	76	58	70	41	75
480-140719-6	BCC Area C RFI-20_0818	84	87	61	78	42	84
480-140719-7	BCC Area C RFI-31_0818	89	87	63	79	44	79

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHd14		
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)		
LCS 480-431041/2-A	Lab Control Sample	100	105	80	97	63	114		
MB 480-431041/1-A	Method Blank	72	103	77	94	54	132		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

Lab Sample ID: MB 480-431217/7
Matrix: Water
Analysis Batch: 431217

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			08/23/18 21:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/23/18 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/23/18 21:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/23/18 21:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/23/18 21:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/23/18 21:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/23/18 21:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/23/18 21:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/23/18 21:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/23/18 21:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/23/18 21:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/23/18 21:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/23/18 21:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/23/18 21:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/23/18 21:02	1
2-Hexanone	ND		5.0	1.2	ug/L			08/23/18 21:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/23/18 21:02	1
Acetone	ND		10	3.0	ug/L			08/23/18 21:02	1
Benzene	ND		1.0	0.41	ug/L			08/23/18 21:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/23/18 21:02	1
Bromoform	ND		1.0	0.26	ug/L			08/23/18 21:02	1
Bromomethane	ND		1.0	0.69	ug/L			08/23/18 21:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/23/18 21:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/23/18 21:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/23/18 21:02	1
Chloroethane	ND		1.0	0.32	ug/L			08/23/18 21:02	1
Chloroform	ND		1.0	0.34	ug/L			08/23/18 21:02	1
Chloromethane	ND		1.0	0.35	ug/L			08/23/18 21:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/23/18 21:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/23/18 21:02	1
Cyclohexane	ND		1.0	0.18	ug/L			08/23/18 21:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/23/18 21:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/23/18 21:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/23/18 21:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/23/18 21:02	1
Methyl acetate	ND		2.5	1.3	ug/L			08/23/18 21:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/23/18 21:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/23/18 21:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/23/18 21:02	1
Styrene	ND		1.0	0.73	ug/L			08/23/18 21:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/23/18 21:02	1
Toluene	ND		1.0	0.51	ug/L			08/23/18 21:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/23/18 21:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/23/18 21:02	1
Trichloroethene	ND		1.0	0.46	ug/L			08/23/18 21:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/23/18 21:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/23/18 21:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/23/18 21:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		08/23/18 21:02	1
4-Bromofluorobenzene (Surr)	102		73 - 120		08/23/18 21:02	1
Toluene-d8 (Surr)	100		80 - 120		08/23/18 21:02	1
Dibromofluoromethane (Surr)	96		75 - 123		08/23/18 21:02	1

Lab Sample ID: LCS 480-431217/5
Matrix: Water
Analysis Batch: 431217

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	26.5		ug/L		106	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.8		ug/L		99	61 - 148
1,1,2-Trichloroethane	25.0	25.3		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	27.6		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	25.0	23.5		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.2		ug/L		105	56 - 134
1,2-Dibromoethane	25.0	25.9		ug/L		104	77 - 120
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	23.4		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	25.6		ug/L		103	76 - 120
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	135		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	116		ug/L		93	56 - 142
Benzene	25.0	24.6		ug/L		98	71 - 124
Bromodichloromethane	25.0	24.8		ug/L		99	80 - 122
Bromoform	25.0	27.2		ug/L		109	61 - 132
Bromomethane	25.0	25.0		ug/L		100	55 - 144
Carbon disulfide	25.0	26.7		ug/L		107	59 - 134
Carbon tetrachloride	25.0	28.6		ug/L		114	72 - 134
Chlorobenzene	25.0	25.4		ug/L		102	80 - 120
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	24.6		ug/L		98	73 - 127
Chloromethane	25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	74 - 124
Cyclohexane	25.0	26.3		ug/L		105	59 - 135
Dibromochloromethane	25.0	29.3		ug/L		117	75 - 125
Dichlorodifluoromethane	25.0	26.1		ug/L		104	59 - 135
Ethylbenzene	25.0	25.9		ug/L		104	77 - 123
Isopropylbenzene	25.0	25.7		ug/L		103	77 - 122
Methyl acetate	50.0	50.0		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134
Methylene Chloride	25.0	25.5		ug/L		102	75 - 124
Styrene	25.0	25.3		ug/L		101	80 - 120
Tetrachloroethene	25.0	26.4		ug/L		106	74 - 122
Toluene	25.0	26.0		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127

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

Lab Sample ID: LCS 480-431217/5
Matrix: Water
Analysis Batch: 431217

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	26.6		ug/L		106	80 - 120
Trichloroethene	25.0	26.1		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	27.4		ug/L		110	62 - 150
Vinyl chloride	25.0	25.7		ug/L		103	65 - 133
Xylenes, Total	50.0	51.7		ug/L		103	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)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: 480-140719-1 MS
Matrix: Ground Water
Analysis Batch: 431217

Client Sample ID: BCC Area C MW-C04 MS_0818
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		125	129		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	ND		125	127		ug/L		102	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	111		ug/L		89	61 - 148
1,1,2-Trichloroethane	ND		125	122		ug/L		98	76 - 122
1,1-Dichloroethane	ND		125	126		ug/L		101	77 - 120
1,1-Dichloroethene	ND		125	130		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	ND		125	112		ug/L		90	79 - 122
1,2-Dibromo-3-Chloropropane	ND		125	122		ug/L		98	56 - 134
1,2-Dibromoethane	ND		125	124		ug/L		99	77 - 120
1,2-Dichlorobenzene	5.4		125	120		ug/L		92	80 - 124
1,2-Dichloroethane	ND		125	118		ug/L		95	75 - 120
1,2-Dichloropropane	ND		125	132		ug/L		105	76 - 120
1,3-Dichlorobenzene	31		125	135		ug/L		83	77 - 120
1,4-Dichlorobenzene	59	F1	125	144	F1	ug/L		69	78 - 124
2-Butanone (MEK)	ND		625	651		ug/L		104	57 - 140
2-Hexanone	ND		625	658		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		625	645		ug/L		103	71 - 125
Acetone	ND		625	578		ug/L		93	56 - 142
Benzene	ND		125	122		ug/L		98	71 - 124
Bromodichloromethane	ND		125	126		ug/L		101	80 - 122
Bromoform	ND		125	127		ug/L		101	61 - 132
Bromomethane	ND		125	124		ug/L		99	55 - 144
Carbon disulfide	ND		125	127		ug/L		101	59 - 134
Carbon tetrachloride	ND		125	133		ug/L		107	72 - 134
Chlorobenzene	480	F1	125	334	F1	ug/L		-114	80 - 120
Chloroethane	ND		125	107		ug/L		86	69 - 136
Chloroform	ND		125	122		ug/L		98	73 - 127
Chloromethane	ND		125	122		ug/L		98	68 - 124
cis-1,2-Dichloroethene	ND		125	127		ug/L		102	74 - 124
cis-1,3-Dichloropropene	ND		125	126		ug/L		101	74 - 124

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

Lab Sample ID: 480-140719-1 MS
Matrix: Ground Water
Analysis Batch: 431217

Client Sample ID: BCC Area C MW-C04 MS_0818
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	ND		125	119		ug/L		95	59 - 135
Dibromochloromethane	ND		125	132		ug/L		106	75 - 125
Dichlorodifluoromethane	ND		125	125		ug/L		100	59 - 135
Ethylbenzene	ND		125	121		ug/L		97	77 - 123
Isopropylbenzene	ND		125	119		ug/L		95	77 - 122
Methyl acetate	ND		250	251		ug/L		101	74 - 133
Methyl tert-butyl ether	ND		125	127		ug/L		102	77 - 120
Methylcyclohexane	ND		125	118		ug/L		95	68 - 134
Methylene Chloride	ND		125	123		ug/L		99	75 - 124
Styrene	ND		125	123		ug/L		98	80 - 120
Tetrachloroethene	ND		125	121		ug/L		97	74 - 122
Toluene	ND		125	123		ug/L		98	80 - 122
trans-1,2-Dichloroethene	ND		125	125		ug/L		100	73 - 127
trans-1,3-Dichloropropene	ND		125	119		ug/L		95	80 - 120
Trichloroethene	ND		125	122		ug/L		97	74 - 123
Trichlorofluoromethane	ND		125	125		ug/L		100	62 - 150
Vinyl chloride	ND		125	123		ug/L		99	65 - 133
Xylenes, Total	ND		250	247		ug/L		99	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Lab Sample ID: 480-140719-1 MSD
Matrix: Ground Water
Analysis Batch: 431217

Client Sample ID: BCC Area C MW-C04 MSD_0818
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		125	127		ug/L		102	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		125	125		ug/L		100	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	104		ug/L		83	61 - 148	7	20
1,1,2-Trichloroethane	ND		125	118		ug/L		94	76 - 122	3	15
1,1-Dichloroethane	ND		125	118		ug/L		94	77 - 120	7	20
1,1-Dichloroethene	ND		125	123		ug/L		99	66 - 127	6	16
1,2,4-Trichlorobenzene	ND		125	117		ug/L		93	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		125	126		ug/L		101	56 - 134	3	15
1,2-Dibromoethane	ND		125	123		ug/L		99	77 - 120	0	15
1,2-Dichlorobenzene	5.4		125	118		ug/L		90	80 - 124	1	20
1,2-Dichloroethane	ND		125	115		ug/L		92	75 - 120	3	20
1,2-Dichloropropane	ND		125	124		ug/L		99	76 - 120	6	20
1,3-Dichlorobenzene	31		125	132		ug/L		80	77 - 120	3	20
1,4-Dichlorobenzene	59	F1	125	143	F1	ug/L		67	78 - 124	1	20
2-Butanone (MEK)	ND		625	626		ug/L		100	57 - 140	4	20
2-Hexanone	ND		625	641		ug/L		103	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		625	634		ug/L		101	71 - 125	2	35

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

Lab Sample ID: 480-140719-1 MSD
Matrix: Ground Water
Analysis Batch: 431217

Client Sample ID: BCC Area C MW-C04 MSD_0818
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		625	579		ug/L		93	56 - 142	0	15
Benzene	ND		125	117		ug/L		94	71 - 124	5	13
Bromodichloromethane	ND		125	120		ug/L		96	80 - 122	5	15
Bromoform	ND		125	120		ug/L		96	61 - 132	5	15
Bromomethane	ND		125	123		ug/L		99	55 - 144	1	15
Carbon disulfide	ND		125	121		ug/L		97	59 - 134	4	15
Carbon tetrachloride	ND		125	128		ug/L		103	72 - 134	4	15
Chlorobenzene	480	F1	125	324	F1	ug/L		-122	80 - 120	3	25
Chloroethane	ND		125	115		ug/L		92	69 - 136	7	15
Chloroform	ND		125	119		ug/L		95	73 - 127	3	20
Chloromethane	ND		125	122		ug/L		98	68 - 124	0	15
cis-1,2-Dichloroethene	ND		125	122		ug/L		97	74 - 124	4	15
cis-1,3-Dichloropropene	ND		125	121		ug/L		97	74 - 124	4	15
Cyclohexane	ND		125	117		ug/L		94	59 - 135	2	20
Dibromochloromethane	ND		125	132		ug/L		105	75 - 125	1	15
Dichlorodifluoromethane	ND		125	119		ug/L		95	59 - 135	5	20
Ethylbenzene	ND		125	114		ug/L		91	77 - 123	6	15
Isopropylbenzene	ND		125	116		ug/L		92	77 - 122	3	20
Methyl acetate	ND		250	248		ug/L		99	74 - 133	1	20
Methyl tert-butyl ether	ND		125	122		ug/L		98	77 - 120	4	37
Methylcyclohexane	ND		125	116		ug/L		93	68 - 134	2	20
Methylene Chloride	ND		125	123		ug/L		99	75 - 124	0	15
Styrene	ND		125	118		ug/L		94	80 - 120	4	20
Tetrachloroethene	ND		125	112		ug/L		90	74 - 122	8	20
Toluene	ND		125	116		ug/L		93	80 - 122	6	15
trans-1,2-Dichloroethene	ND		125	121		ug/L		97	73 - 127	3	20
trans-1,3-Dichloropropene	ND		125	121		ug/L		97	80 - 120	2	15
Trichloroethene	ND		125	121		ug/L		97	74 - 123	0	16
Trichlorofluoromethane	ND		125	123		ug/L		98	62 - 150	1	20
Vinyl chloride	ND		125	121		ug/L		97	65 - 133	2	15
Xylenes, Total	ND		250	235		ug/L		94	76 - 122	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

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

Lab Sample ID: MB 480-431041/1-A
Matrix: Water
Analysis Batch: 431619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 19:45	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/23/18 07:40	08/27/18 19:45	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/23/18 07:40	08/27/18 19:45	1

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

Lab Sample ID: MB 480-431041/1-A
Matrix: Water
Analysis Batch: 431619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/23/18 07:40	08/27/18 19:45	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 19:45	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/23/18 07:40	08/27/18 19:45	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 19:45	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/23/18 07:40	08/27/18 19:45	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/23/18 07:40	08/27/18 19:45	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/23/18 07:40	08/27/18 19:45	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 19:45	1
2-Nitroaniline	ND		10	0.42	ug/L		08/23/18 07:40	08/27/18 19:45	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/23/18 07:40	08/27/18 19:45	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 19:45	1
3-Nitroaniline	ND		10	0.48	ug/L		08/23/18 07:40	08/27/18 19:45	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 19:45	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/23/18 07:40	08/27/18 19:45	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/23/18 07:40	08/27/18 19:45	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 19:45	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 19:45	1
4-Methylphenol	ND		10	0.36	ug/L		08/23/18 07:40	08/27/18 19:45	1
4-Nitroaniline	ND		10	0.25	ug/L		08/23/18 07:40	08/27/18 19:45	1
4-Nitrophenol	ND		10	1.5	ug/L		08/23/18 07:40	08/27/18 19:45	1
Acenaphthene	ND		5.0	0.41	ug/L		08/23/18 07:40	08/27/18 19:45	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/23/18 07:40	08/27/18 19:45	1
Acetophenone	ND		5.0	0.54	ug/L		08/23/18 07:40	08/27/18 19:45	1
Aniline	ND		10	0.61	ug/L		08/23/18 07:40	08/27/18 19:45	1
Anthracene	ND		5.0	0.28	ug/L		08/23/18 07:40	08/27/18 19:45	1
Atrazine	ND		5.0	0.46	ug/L		08/23/18 07:40	08/27/18 19:45	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/23/18 07:40	08/27/18 19:45	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/23/18 07:40	08/27/18 19:45	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/23/18 07:40	08/27/18 19:45	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/23/18 07:40	08/27/18 19:45	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 19:45	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/23/18 07:40	08/27/18 19:45	1
Biphenyl	ND		5.0	0.65	ug/L		08/23/18 07:40	08/27/18 19:45	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/23/18 07:40	08/27/18 19:45	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/23/18 07:40	08/27/18 19:45	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 19:45	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 19:45	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/23/18 07:40	08/27/18 19:45	1
Caprolactam	ND		5.0	2.2	ug/L		08/23/18 07:40	08/27/18 19:45	1
Carbazole	ND		5.0	0.30	ug/L		08/23/18 07:40	08/27/18 19:45	1
Chrysene	ND		5.0	0.33	ug/L		08/23/18 07:40	08/27/18 19:45	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/23/18 07:40	08/27/18 19:45	1
Dibenzofuran	ND		10	0.51	ug/L		08/23/18 07:40	08/27/18 19:45	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/23/18 07:40	08/27/18 19:45	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/23/18 07:40	08/27/18 19:45	1
Di-n-butyl phthalate	0.430	J	5.0	0.31	ug/L		08/23/18 07:40	08/27/18 19:45	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/23/18 07:40	08/27/18 19:45	1
Fluoranthene	ND		5.0	0.40	ug/L		08/23/18 07:40	08/27/18 19:45	1

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

Lab Sample ID: MB 480-431041/1-A
Matrix: Water
Analysis Batch: 431619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.0	0.36	ug/L		08/23/18 07:40	08/27/18 19:45	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/23/18 07:40	08/27/18 19:45	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/23/18 07:40	08/27/18 19:45	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 19:45	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/23/18 07:40	08/27/18 19:45	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/23/18 07:40	08/27/18 19:45	1
Isophorone	ND		5.0	0.43	ug/L		08/23/18 07:40	08/27/18 19:45	1
Naphthalene	ND		5.0	0.76	ug/L		08/23/18 07:40	08/27/18 19:45	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/23/18 07:40	08/27/18 19:45	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/23/18 07:40	08/27/18 19:45	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/23/18 07:40	08/27/18 19:45	1
Pentachlorophenol	ND		10	2.2	ug/L		08/23/18 07:40	08/27/18 19:45	1
Phenanthrene	ND		5.0	0.44	ug/L		08/23/18 07:40	08/27/18 19:45	1
Phenol	ND		5.0	0.39	ug/L		08/23/18 07:40	08/27/18 19:45	1
Pyrene	ND		5.0	0.34	ug/L		08/23/18 07:40	08/27/18 19:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*72*		*41 - 120*	*08/23/18 07:40*	*08/27/18 19:45*	*1*
2-Fluorobiphenyl	*103*		*48 - 120*	*08/23/18 07:40*	*08/27/18 19:45*	*1*
2-Fluorophenol	*77*		*35 - 120*	*08/23/18 07:40*	*08/27/18 19:45*	*1*
Nitrobenzene-d5	*94*		*46 - 120*	*08/23/18 07:40*	*08/27/18 19:45*	*1*
Phenol-d5	*54*		*22 - 120*	*08/23/18 07:40*	*08/27/18 19:45*	*1*
p-Terphenyl-d14	*132*		*59 - 136*	*08/23/18 07:40*	*08/27/18 19:45*	*1*

Lab Sample ID: LCS 480-431041/2-A
Matrix: Water
Analysis Batch: 431619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431041

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	38.2		ug/L		119	65 - 126
2,4,6-Trichlorophenol	32.0	39.0	*	ug/L		122	64 - 120
2,4-Dichlorophenol	32.0	36.5		ug/L		114	63 - 120
2,4-Dimethylphenol	32.0	37.0		ug/L		116	47 - 120
2,4-Dinitrophenol	64.0	73.7		ug/L		115	31 - 137
2,4-Dinitrotoluene	32.0	40.3	*	ug/L		126	69 - 120
2,6-Dinitrotoluene	32.0	40.8	*	ug/L		128	68 - 120
2-Chloronaphthalene	32.0	37.9		ug/L		118	58 - 120
2-Chlorophenol	32.0	38.1		ug/L		119	48 - 120
2-Methylnaphthalene	32.0	35.3		ug/L		110	59 - 120
2-Methylphenol	32.0	35.4		ug/L		110	39 - 120
2-Nitroaniline	32.0	42.8	*	ug/L		134	54 - 127
2-Nitrophenol	32.0	38.6		ug/L		121	52 - 125
3,3'-Dichlorobenzidine	64.0	63.3		ug/L		99	49 - 135
3-Nitroaniline	32.0	32.5		ug/L		102	51 - 120
4,6-Dinitro-2-methylphenol	64.0	73.0		ug/L		114	46 - 136
4-Bromophenyl phenyl ether	32.0	39.7	*	ug/L		124	65 - 120
4-Chloro-3-methylphenol	32.0	35.1		ug/L		110	61 - 123
4-Chloroaniline	32.0	31.1		ug/L		97	30 - 120

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

Lab Sample ID: LCS 480-431041/2-A
Matrix: Water
Analysis Batch: 431619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431041

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorophenyl phenyl ether	32.0	39.8	*	ug/L		124	62 - 120
4-Methylphenol	32.0	39.1		ug/L		122	29 - 131
4-Nitroaniline	32.0	43.6	*	ug/L		136	65 - 120
4-Nitrophenol	64.0	61.7		ug/L		96	45 - 120
Acenaphthene	32.0	42.7	*	ug/L		133	60 - 120
Acenaphthylene	32.0	43.3	*	ug/L		135	63 - 120
Acetophenone	32.0	40.9	*	ug/L		128	45 - 120
Aniline	32.0	27.4		ug/L		86	12 - 120
Anthracene	32.0	44.0	*	ug/L		138	67 - 120
Atrazine	64.0	109	*	ug/L		171	71 - 130
Benzaldehyde	64.0	75.6		ug/L		118	10 - 140
Benzo(a)anthracene	32.0	40.0	*	ug/L		125	70 - 121
Benzo(a)pyrene	32.0	43.4	*	ug/L		136	60 - 123
Benzo(b)fluoranthene	32.0	43.6	*	ug/L		136	66 - 126
Benzo(g,h,i)perylene	32.0	43.5		ug/L		136	66 - 150
Benzo(k)fluoranthene	32.0	45.8	*	ug/L		143	65 - 124
Biphenyl	32.0	39.1	*	ug/L		122	59 - 120
bis (2-chloroisopropyl) ether	32.0	43.7	*	ug/L		137	21 - 136
Bis(2-chloroethoxy)methane	32.0	34.8		ug/L		109	50 - 128
Bis(2-chloroethyl)ether	32.0	33.6		ug/L		105	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	38.1		ug/L		119	63 - 139
Butyl benzyl phthalate	32.0	39.9		ug/L		125	70 - 129
Caprolactam	64.0	27.2		ug/L		42	22 - 120
Carbazole	32.0	44.4	*	ug/L		139	66 - 123
Chrysene	32.0	38.2		ug/L		119	69 - 120
Dibenz(a,h)anthracene	32.0	52.4	*	ug/L		164	65 - 135
Dibenzofuran	32.0	38.4		ug/L		120	66 - 120
Diethyl phthalate	32.0	46.8	*	ug/L		146	59 - 127
Dimethyl phthalate	32.0	42.4	*	ug/L		132	68 - 120
Di-n-butyl phthalate	32.0	45.5	*	ug/L		142	69 - 131
Di-n-octyl phthalate	32.0	36.7		ug/L		115	63 - 140
Fluoranthene	32.0	44.5	*	ug/L		139	69 - 126
Fluorene	32.0	45.1	*	ug/L		141	66 - 120
Hexachlorobenzene	32.0	43.9	*	ug/L		137	61 - 120
Hexachlorobutadiene	32.0	29.8		ug/L		93	35 - 120
Hexachlorocyclopentadiene	32.0	15.2		ug/L		47	31 - 120
Hexachloroethane	32.0	32.0		ug/L		100	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	51.9	*	ug/L		162	69 - 146
Isophorone	32.0	40.2	*	ug/L		126	55 - 120
Naphthalene	32.0	34.0		ug/L		106	57 - 120
Nitrobenzene	32.0	37.1		ug/L		116	53 - 123
N-Nitrosodi-n-propylamine	32.0	40.4		ug/L		126	32 - 140
N-Nitrosodiphenylamine	32.0	42.4	*	ug/L		132	61 - 120
Pentachlorophenol	64.0	51.4		ug/L		80	29 - 136
Phenanthrene	32.0	41.9	*	ug/L		131	68 - 120
Phenol	32.0	23.4		ug/L		73	17 - 120
Pyrene	32.0	40.6	*	ug/L		127	70 - 125

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

Lab Sample ID: LCS 480-431041/2-A
Matrix: Water
Analysis Batch: 431619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431041

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*41 - 120*
2-Fluorobiphenyl	*105*		*48 - 120*
2-Fluorophenol	*80*		*35 - 120*
Nitrobenzene-d5	*97*		*46 - 120*
Phenol-d5	*63*		*22 - 120*
p-Terphenyl-d14	*114*		*59 - 136*

Lab Sample ID: 480-140719-1 MS
Matrix: Ground Water
Analysis Batch: 431619

Client Sample ID: BCC Area C MW-C04 MS_0818
Prep Type: Total/NA
Prep Batch: 431041

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	31.4		ug/L		98	65 - 126
2,4,6-Trichlorophenol	ND	F1 *	32.0	36.8		ug/L		115	64 - 120
2,4-Dichlorophenol	5.0		32.0	37.9		ug/L		103	48 - 132
2,4-Dimethylphenol	ND		32.0	31.4		ug/L		98	39 - 130
2,4-Dinitrophenol	ND		64.0	61.2		ug/L		96	21 - 150
2,4-Dinitrotoluene	ND	*	32.0	29.1		ug/L		91	54 - 138
2,6-Dinitrotoluene	ND	*	32.0	33.6		ug/L		105	17 - 150
2-Chloronaphthalene	ND		32.0	31.4		ug/L		98	52 - 124
2-Chlorophenol	ND		32.0	32.4		ug/L		101	48 - 120
2-Methylnaphthalene	ND		32.0	30.5		ug/L		95	34 - 140
2-Methylphenol	ND		32.0	29.9		ug/L		93	46 - 120
2-Nitroaniline	ND	*	32.0	35.3		ug/L		110	44 - 136
2-Nitrophenol	ND		32.0	33.2		ug/L		104	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	26.1		ug/L		41	10 - 150
3-Nitroaniline	ND		32.0	18.5		ug/L		58	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	64.4		ug/L		101	38 - 150
4-Bromophenyl phenyl ether	ND	*	32.0	31.3		ug/L		98	63 - 126
4-Chloro-3-methylphenol	ND		32.0	30.1		ug/L		94	64 - 127
4-Chloroaniline	ND		32.0	19.8		ug/L		62	16 - 124
4-Chlorophenyl phenyl ether	ND	F2 *	32.0	28.9		ug/L		90	61 - 120
4-Methylphenol	ND		32.0	32.8		ug/L		103	36 - 120
4-Nitroaniline	ND	*	32.0	30.0		ug/L		94	32 - 150
4-Nitrophenol	ND		64.0	47.4		ug/L		74	23 - 132
Acenaphthene	ND	F1 *	32.0	36.3		ug/L		113	48 - 120
Acenaphthylene	ND	F1 *	32.0	36.1		ug/L		113	63 - 120
Acetophenone	ND	*	32.0	34.4		ug/L		107	53 - 120
Aniline	0.99	J	32.0	20.4		ug/L		61	32 - 120
Anthracene	ND	*	32.0	36.9		ug/L		115	65 - 122
Atrazine	ND	*	64.0	74.9		ug/L		117	50 - 150
Benzaldehyde	ND		64.0	55.0		ug/L		86	10 - 150
Benzo(a)anthracene	ND	*	32.0	32.9		ug/L		103	43 - 124
Benzo(a)pyrene	ND	*	32.0	32.9		ug/L		103	23 - 125
Benzo(b)fluoranthene	ND	*	32.0	33.1		ug/L		103	27 - 127
Benzo(g,h,i)perylene	ND		32.0	32.5		ug/L		102	16 - 147
Benzo(k)fluoranthene	ND	*	32.0	31.9		ug/L		100	20 - 124
Biphenyl	ND	*	32.0	32.1		ug/L		100	57 - 120

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

Lab Sample ID: 480-140719-1 MS
Matrix: Ground Water
Analysis Batch: 431619

Client Sample ID: BCC Area C MW-C04 MS_0818
Prep Type: Total/NA
Prep Batch: 431041

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	ND	F1 *	32.0	36.8		ug/L		115	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	30.5		ug/L		95	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	31.7		ug/L		99	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	29.5		ug/L		92	16 - 150
Butyl benzyl phthalate	ND		32.0	32.6		ug/L		102	51 - 140
Caprolactam	ND		64.0	22.9		ug/L		36	10 - 120
Carbazole	ND	*	32.0	40.6		ug/L		127	16 - 148
Chrysene	ND		32.0	29.9		ug/L		93	44 - 122
Dibenz(a,h)anthracene	ND	*	32.0	37.5		ug/L		117	16 - 139
Dibenzofuran	ND		32.0	32.5		ug/L		102	60 - 120
Diethyl phthalate	ND	*	32.0	37.8		ug/L		118	53 - 133
Dimethyl phthalate	ND	*	32.0	29.9		ug/L		94	59 - 123
Di-n-butyl phthalate	0.39	J B *	32.0	37.0		ug/L		114	65 - 129
Di-n-octyl phthalate	ND		32.0	28.5		ug/L		89	16 - 150
Fluoranthene	ND	*	32.0	37.5		ug/L		117	63 - 129
Fluorene	ND	*	32.0	34.1		ug/L		106	62 - 120
Hexachlorobenzene	ND	*	32.0	35.4		ug/L		111	57 - 121
Hexachlorobutadiene	ND		32.0	24.4		ug/L		76	37 - 120
Hexachlorocyclopentadiene	ND		32.0	14.6		ug/L		46	21 - 120
Hexachloroethane	ND		32.0	25.6		ug/L		80	16 - 130
Indeno(1,2,3-cd)pyrene	ND	*	32.0	37.7		ug/L		118	16 - 140
Isophorone	ND	*	32.0	34.6		ug/L		108	48 - 133
Naphthalene	ND		32.0	29.4		ug/L		92	45 - 120
Nitrobenzene	0.41	J	32.0	32.4		ug/L		100	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	34.4		ug/L		107	49 - 120
N-Nitrosodiphenylamine	0.61	J *	32.0	35.0		ug/L		108	39 - 138
Pentachlorophenol	ND		64.0	54.0		ug/L		84	23 - 149
Phenanthrene	ND	*	32.0	36.1		ug/L		113	65 - 122
Phenol	ND		32.0	18.4		ug/L		57	16 - 120
Pyrene	ND	*	32.0	33.7		ug/L		105	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*90*		*41 - 120*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol	*63*		*35 - 120*
Nitrobenzene-d5	*79*		*46 - 120*
Phenol-d5	*51*		*22 - 120*
p-Terphenyl-d14	*63*		*59 - 136*

Lab Sample ID: 480-140719-1 MSD
Matrix: Ground Water
Analysis Batch: 431619

Client Sample ID: BCC Area C MW-C04 MSD_0818
Prep Type: Total/NA
Prep Batch: 431041

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	34.2		ug/L		107	65 - 126	9	18
2,4,6-Trichlorophenol	ND	F1 *	32.0	40.3	F1	ug/L		126	64 - 120	9	19
2,4-Dichlorophenol	5.0		32.0	43.8		ug/L		121	48 - 132	14	19
2,4-Dimethylphenol	ND		32.0	35.5		ug/L		111	39 - 130	12	42

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

Lab Sample ID: 480-140719-1 MSD | **Client Sample ID: BCC Area C MW-C04 MSD_0818**
Matrix: Ground Water | **Prep Type: Total/NA**
Analysis Batch: 431619 | **Prep Batch: 431041**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		64.0	62.6		ug/L		98	21 - 150	2	22
2,4-Dinitrotoluene	ND	*	32.0	32.2		ug/L		101	54 - 138	10	20
2,6-Dinitrotoluene	ND	*	32.0	33.2		ug/L		104	17 - 150	1	15
2-Chloronaphthalene	ND		32.0	34.1		ug/L		107	52 - 124	8	21
2-Chlorophenol	ND		32.0	35.0		ug/L		109	48 - 120	8	25
2-Methylnaphthalene	ND		32.0	34.1		ug/L		107	34 - 140	11	21
2-Methylphenol	ND		32.0	32.0		ug/L		100	46 - 120	7	27
2-Nitroaniline	ND	*	32.0	38.7		ug/L		121	44 - 136	9	15
2-Nitrophenol	ND		32.0	37.4		ug/L		117	38 - 141	12	18
3,3'-Dichlorobenzidine	ND		64.0	23.0		ug/L		36	10 - 150	13	25
3-Nitroaniline	ND		32.0	21.5		ug/L		67	32 - 150	15	19
4,6-Dinitro-2-methylphenol	ND		64.0	66.8		ug/L		104	38 - 150	4	15
4-Bromophenyl phenyl ether	ND	*	32.0	33.9		ug/L		106	63 - 126	8	15
4-Chloro-3-methylphenol	ND		32.0	33.8		ug/L		106	64 - 127	12	27
4-Chloroaniline	ND		32.0	23.1		ug/L		72	16 - 124	16	22
4-Chlorophenyl phenyl ether	ND	F2 *	32.0	35.6	F2	ug/L		111	61 - 120	21	16
4-Methylphenol	ND		32.0	35.5		ug/L		111	36 - 120	8	24
4-Nitroaniline	ND	*	32.0	33.3		ug/L		104	32 - 150	10	24
4-Nitrophenol	ND		64.0	51.1		ug/L		80	23 - 132	7	48
Acenaphthene	ND	F1 *	32.0	39.1	F1	ug/L		122	48 - 120	7	24
Acenaphthylene	ND	F1 *	32.0	39.8	F1	ug/L		124	63 - 120	10	18
Acetophenone	ND	*	32.0	37.2		ug/L		116	53 - 120	8	20
Aniline	0.99	J	32.0	25.0		ug/L		75	32 - 120	20	30
Anthracene	ND	*	32.0	38.7		ug/L		121	65 - 122	5	15
Atrazine	ND	*	64.0	84.3		ug/L		132	50 - 150	12	20
Benzaldehyde	ND		64.0	61.1		ug/L		95	10 - 150	11	20
Benzo(a)anthracene	ND	*	32.0	36.1		ug/L		113	43 - 124	9	15
Benzo(a)pyrene	ND	*	32.0	37.0		ug/L		116	23 - 125	12	15
Benzo(b)fluoranthene	ND	*	32.0	37.6		ug/L		118	27 - 127	13	15
Benzo(g,h,i)perylene	ND		32.0	37.8		ug/L		118	16 - 147	15	15
Benzo(k)fluoranthene	ND	*	32.0	38.2		ug/L		119	20 - 124	18	22
Biphenyl	ND	*	32.0	35.5		ug/L		111	57 - 120	10	20
bis (2-chloroisopropyl) ether	ND	F1 *	32.0	39.6	F1	ug/L		124	28 - 121	7	24
Bis(2-chloroethoxy)methane	ND		32.0	33.8		ug/L		106	44 - 128	10	17
Bis(2-chloroethyl)ether	ND		32.0	32.9		ug/L		103	45 - 120	4	21
Bis(2-ethylhexyl) phthalate	ND		32.0	33.8		ug/L		106	16 - 150	14	15
Butyl benzyl phthalate	ND		32.0	36.6		ug/L		114	51 - 140	11	16
Caprolactam	ND		64.0	25.2		ug/L		39	10 - 120	9	20
Carbazole	ND	*	32.0	44.6		ug/L		139	16 - 148	9	20
Chrysene	ND		32.0	33.3		ug/L		104	44 - 122	11	15
Dibenz(a,h)anthracene	ND	*	32.0	43.4		ug/L		136	16 - 139	15	15
Dibenzofuran	ND		32.0	35.9		ug/L		112	60 - 120	10	15
Diethyl phthalate	ND	*	32.0	36.1		ug/L		113	53 - 133	5	15
Dimethyl phthalate	ND	*	32.0	33.4		ug/L		104	59 - 123	11	15
Di-n-butyl phthalate	0.39	J B *	32.0	39.2		ug/L		121	65 - 129	6	15
Di-n-octyl phthalate	ND		32.0	32.8		ug/L		103	16 - 150	14	16
Fluoranthene	ND	*	32.0	40.6		ug/L		127	63 - 129	8	15
Fluorene	ND	*	32.0	36.5		ug/L		114	62 - 120	7	15

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

Lab Sample ID: 480-140719-1 MSD
Matrix: Ground Water
Analysis Batch: 431619

Client Sample ID: BCC Area C MW-C04 MSD_0818
Prep Type: Total/NA
Prep Batch: 431041

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobenzene	ND	*	32.0	36.1		ug/L		113	57 - 121	2	15
Hexachlorobutadiene	ND		32.0	26.9		ug/L		84	37 - 120	9	44
Hexachlorocyclopentadiene	ND		32.0	15.9		ug/L		50	21 - 120	8	49
Hexachloroethane	ND		32.0	28.8		ug/L		90	16 - 130	11	46
Indeno(1,2,3-cd)pyrene	ND	*	32.0	43.6		ug/L		136	16 - 140	14	15
Isophorone	ND	*	32.0	38.6		ug/L		121	48 - 133	11	17
Naphthalene	ND		32.0	32.4		ug/L		101	45 - 120	10	29
Nitrobenzene	0.41	J	32.0	36.1		ug/L		112	45 - 123	11	24
N-Nitrosodi-n-propylamine	ND		32.0	37.6		ug/L		118	49 - 120	9	31
N-Nitrosodiphenylamine	0.61	J *	32.0	37.0		ug/L		114	39 - 138	5	15
Pentachlorophenol	ND		64.0	56.7		ug/L		89	23 - 149	5	37
Phenanthrene	ND	*	32.0	33.9		ug/L		106	65 - 122	6	15
Phenol	ND		32.0	20.6		ug/L		64	16 - 120	12	34
Pyrene	ND	*	32.0	36.5		ug/L		114	58 - 128	8	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*92*		*41 - 120*
2-Fluorobiphenyl	*99*		*48 - 120*
2-Fluorophenol	*71*		*35 - 120*
Nitrobenzene-d5	*90*		*46 - 120*
Phenol-d5	*55*		*22 - 120*
p-Terphenyl-d14	*68*		*59 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-431454/1-A
Matrix: Water
Analysis Batch: 431924

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/27/18 09:26	08/28/18 14:14	1
Antimony	ND		0.020	0.0068	mg/L		08/27/18 09:26	08/28/18 14:14	1
Arsenic	ND		0.015	0.0056	mg/L		08/27/18 09:26	08/28/18 14:14	1
Barium	ND		0.0020	0.00070	mg/L		08/27/18 09:26	08/28/18 14:14	1
Beryllium	ND		0.0020	0.00030	mg/L		08/27/18 09:26	08/28/18 14:14	1
Cadmium	ND		0.0020	0.00050	mg/L		08/27/18 09:26	08/28/18 14:14	1
Calcium	0.106	J	0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:14	1
Chromium	ND		0.0040	0.0010	mg/L		08/27/18 09:26	08/28/18 14:14	1
Cobalt	ND		0.0040	0.00063	mg/L		08/27/18 09:26	08/28/18 14:14	1
Copper	ND		0.010	0.0016	mg/L		08/27/18 09:26	08/28/18 14:14	1
Iron	ND		0.050	0.019	mg/L		08/27/18 09:26	08/28/18 14:14	1
Lead	ND		0.010	0.0030	mg/L		08/27/18 09:26	08/28/18 14:14	1
Magnesium	ND		0.20	0.043	mg/L		08/27/18 09:26	08/28/18 14:14	1
Manganese	0.000790	J	0.0030	0.00040	mg/L		08/27/18 09:26	08/28/18 14:14	1
Nickel	ND		0.010	0.0013	mg/L		08/27/18 09:26	08/28/18 14:14	1
Potassium	ND		0.50	0.10	mg/L		08/27/18 09:26	08/28/18 14:14	1
Selenium	ND		0.025	0.0087	mg/L		08/27/18 09:26	08/28/18 14:14	1
Silver	ND		0.0060	0.0017	mg/L		08/27/18 09:26	08/28/18 14:14	1

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

Lab Sample ID: MB 480-431454/1-A
Matrix: Water
Analysis Batch: 431924

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0	0.32	mg/L		08/27/18 09:26	08/28/18 14:14	1
Thallium	ND		0.020	0.010	mg/L		08/27/18 09:26	08/28/18 14:14	1
Vanadium	ND		0.0050	0.0015	mg/L		08/27/18 09:26	08/28/18 14:14	1
Zinc	ND		0.010	0.0015	mg/L		08/27/18 09:26	08/28/18 14:14	1

Lab Sample ID: LCS 480-431454/2-A
Matrix: Water
Analysis Batch: 431924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431454

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.53		mg/L		95	80 - 120
Antimony	0.200	0.197		mg/L		99	80 - 120
Arsenic	0.200	0.199		mg/L		99	80 - 120
Barium	0.200	0.189		mg/L		94	80 - 120
Beryllium	0.200	0.199		mg/L		99	80 - 120
Cadmium	0.200	0.191		mg/L		96	80 - 120
Calcium	10.0	9.72		mg/L		97	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Cobalt	0.200	0.190		mg/L		95	80 - 120
Copper	0.200	0.188		mg/L		94	80 - 120
Iron	10.0	9.66		mg/L		97	80 - 120
Lead	0.200	0.199		mg/L		99	80 - 120
Magnesium	10.0	9.64		mg/L		96	80 - 120
Manganese	0.200	0.195		mg/L		98	80 - 120
Nickel	0.200	0.204		mg/L		102	80 - 120
Potassium	10.0	9.05		mg/L		90	80 - 120
Selenium	0.200	0.192		mg/L		96	80 - 120
Silver	0.0500	0.0499		mg/L		100	80 - 120
Sodium	10.0	9.29		mg/L		93	80 - 120
Thallium	0.200	0.194		mg/L		97	80 - 120
Vanadium	0.200	0.200		mg/L		100	80 - 120
Zinc	0.200	0.201		mg/L		100	80 - 120

Lab Sample ID: 480-140719-1 MS
Matrix: Ground Water
Analysis Batch: 431924

Client Sample ID: BCC Area C MW-C04 MS_0818
Prep Type: Total/NA
Prep Batch: 431454

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.095	J	10.0	9.63		mg/L		95	75 - 125
Antimony	ND		0.200	0.204		mg/L		102	75 - 125
Arsenic	ND		0.200	0.207		mg/L		103	75 - 125
Barium	0.26		0.200	0.437		mg/L		90	75 - 125
Beryllium	ND		0.200	0.203		mg/L		102	75 - 125
Cadmium	ND		0.200	0.199		mg/L		100	75 - 125
Calcium	221	B	10.0	221.9	4	mg/L		7	75 - 125
Chromium	ND		0.200	0.196		mg/L		98	75 - 125
Cobalt	ND		0.200	0.193		mg/L		97	75 - 125
Copper	0.0023	J	0.200	0.199		mg/L		98	75 - 125
Iron	7.0		10.0	16.09		mg/L		91	75 - 125

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

Lab Sample ID: 480-140719-1 MS
Matrix: Ground Water
Analysis Batch: 431924

Client Sample ID: BCC Area C MW-C04 MS_0818
Prep Type: Total/NA
Prep Batch: 431454

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		0.200	0.209		mg/L		105	75 - 125
Magnesium	26.5		10.0	35.51		mg/L		90	75 - 125
Manganese	1.1	B	0.200	1.27	4	mg/L		76	75 - 125
Nickel	ND		0.200	0.207		mg/L		103	75 - 125
Potassium	10.4		10.0	19.84		mg/L		95	75 - 125
Selenium	ND		0.200	0.204		mg/L		102	75 - 125
Silver	ND		0.0500	0.0497		mg/L		99	75 - 125
Sodium	39.1		10.0	47.67		mg/L		85	75 - 125
Thallium	ND		0.200	0.203		mg/L		102	75 - 125
Vanadium	ND		0.200	0.203		mg/L		101	75 - 125
Zinc	0.0060	J	0.200	0.199		mg/L		97	75 - 125

Lab Sample ID: 480-140719-1 MSD
Matrix: Ground Water
Analysis Batch: 431924

Client Sample ID: BCC Area C MW-C04 MSD_0818
Prep Type: Total/NA
Prep Batch: 431454

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.095	J	10.0	9.85		mg/L		98	75 - 125	2	20
Antimony	ND		0.200	0.200		mg/L		100	75 - 125	2	20
Arsenic	ND		0.200	0.204		mg/L		102	75 - 125	2	20
Barium	0.26		0.200	0.449		mg/L		95	75 - 125	3	20
Beryllium	ND		0.200	0.200		mg/L		100	75 - 125	1	20
Cadmium	ND		0.200	0.195		mg/L		98	75 - 125	2	20
Calcium	221	B	10.0	228.3	4	mg/L		72	75 - 125	3	20
Chromium	ND		0.200	0.193		mg/L		96	75 - 125	2	20
Cobalt	ND		0.200	0.190		mg/L		95	75 - 125	2	20
Copper	0.0023	J	0.200	0.195		mg/L		97	75 - 125	2	20
Iron	7.0		10.0	16.00		mg/L		90	75 - 125	1	20
Lead	ND		0.200	0.207		mg/L		103	75 - 125	1	20
Magnesium	26.5		10.0	36.08		mg/L		95	75 - 125	2	20
Manganese	1.1	B	0.200	1.30	4	mg/L		88	75 - 125	2	20
Nickel	ND		0.200	0.203		mg/L		101	75 - 125	2	20
Potassium	10.4		10.0	20.51		mg/L		101	75 - 125	3	20
Selenium	ND		0.200	0.200		mg/L		100	75 - 125	2	20
Silver	ND		0.0500	0.0507		mg/L		101	75 - 125	2	20
Sodium	39.1		10.0	49.10		mg/L		100	75 - 125	3	20
Thallium	ND		0.200	0.203		mg/L		101	75 - 125	0	20
Vanadium	ND		0.200	0.199		mg/L		100	75 - 125	2	20
Zinc	0.0060	J	0.200	0.195		mg/L		94	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-433106/1-A
Matrix: Water
Analysis Batch: 433279

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/06/18 13:44	09/06/18 16:37	1

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

Lab Sample ID: LCS 480-433106/2-A
Matrix: Water
Analysis Batch: 433279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00708		mg/L		106	80 - 120

Lab Sample ID: 480-140719-1 MS
Matrix: Ground Water
Analysis Batch: 433279

Client Sample ID: BCC Area C MW-C04 MS_0818
Prep Type: Total/NA
Prep Batch: 433106

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00021		0.00667	0.00698		mg/L		102	80 - 120

Lab Sample ID: 480-140719-1 MSD
Matrix: Ground Water
Analysis Batch: 433279

Client Sample ID: BCC Area C MW-C04 MSD_0818
Prep Type: Total/NA
Prep Batch: 433106

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00021		0.00667	0.00683		mg/L		99	80 - 120	2	20

GC/MS VOA

Analysis Batch: 431217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-1	BCC Area C MW-C04_0818	Total/NA	Ground Water	8260C	
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	8260C	
480-140719-3	BCC Area C MW-C04 D_0818	Total/NA	Ground Water	8260C	
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	8260C	
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	8260C	
480-140719-6	BCC Area C RFI-20_0818	Total/NA	Ground Water	8260C	
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	8260C	
480-140719-8	TRIP BLANK	Total/NA	Water	8260C	
MB 480-431217/7	Method Blank	Total/NA	Water	8260C	
LCS 480-431217/5	Lab Control Sample	Total/NA	Water	8260C	
480-140719-1 MS	BCC Area C MW-C04 MS_0818	Total/NA	Ground Water	8260C	
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 431041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-1	BCC Area C MW-C04_0818	Total/NA	Ground Water	3510C	
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	3510C	
480-140719-3	BCC Area C MW-C04 D_0818	Total/NA	Ground Water	3510C	
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	3510C	
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	3510C	
480-140719-6	BCC Area C RFI-20_0818	Total/NA	Ground Water	3510C	
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	3510C	
MB 480-431041/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-431041/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-140719-1 MS	BCC Area C MW-C04 MS_0818	Total/NA	Ground Water	3510C	
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	Total/NA	Ground Water	3510C	

Analysis Batch: 431619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-1	BCC Area C MW-C04_0818	Total/NA	Ground Water	8270D	431041
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	8270D	431041
480-140719-3	BCC Area C MW-C04 D_0818	Total/NA	Ground Water	8270D	431041
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	8270D	431041
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	8270D	431041
480-140719-6	BCC Area C RFI-20_0818	Total/NA	Ground Water	8270D	431041
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	8270D	431041
MB 480-431041/1-A	Method Blank	Total/NA	Water	8270D	431041
LCS 480-431041/2-A	Lab Control Sample	Total/NA	Water	8270D	431041
480-140719-1 MS	BCC Area C MW-C04 MS_0818	Total/NA	Ground Water	8270D	431041
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	Total/NA	Ground Water	8270D	431041

Metals

Prep Batch: 431454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-1	BCC Area C MW-C04_0818	Total/NA	Ground Water	3005A	
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	3005A	
480-140719-3	BCC Area C MW-C04 D_0818	Total/NA	Ground Water	3005A	

Metals (Continued)

Prep Batch: 431454 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	3005A	
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	3005A	
480-140719-6	BCC Area C RFI-20_0818	Total/NA	Ground Water	3005A	
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	3005A	
480-140719-9	BCC Area C MW-COIF_0818	Total/NA	Water	3005A	
MB 480-431454/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-431454/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-140719-1 MS	BCC Area C MW-C04 MS_0818	Total/NA	Ground Water	3005A	
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	Total/NA	Ground Water	3005A	

Analysis Batch: 431924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-1	BCC Area C MW-C04_0818	Total/NA	Ground Water	6010C	431454
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	6010C	431454
480-140719-3	BCC Area C MW-C04 D_0818	Total/NA	Ground Water	6010C	431454
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	6010C	431454
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	6010C	431454
480-140719-6	BCC Area C RFI-20_0818	Total/NA	Ground Water	6010C	431454
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	6010C	431454
480-140719-9	BCC Area C MW-COIF_0818	Total/NA	Water	6010C	431454
MB 480-431454/1-A	Method Blank	Total/NA	Water	6010C	431454
LCS 480-431454/2-A	Lab Control Sample	Total/NA	Water	6010C	431454
480-140719-1 MS	BCC Area C MW-C04 MS_0818	Total/NA	Ground Water	6010C	431454
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	Total/NA	Ground Water	6010C	431454

Analysis Batch: 432122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	6010C	431454
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	6010C	431454
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	6010C	431454
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	6010C	431454
480-140719-9	BCC Area C MW-COIF_0818	Total/NA	Water	6010C	431454

Prep Batch: 433106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-1	BCC Area C MW-C04_0818	Total/NA	Ground Water	7470A	
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	7470A	
480-140719-3	BCC Area C MW-C04 D_0818	Total/NA	Ground Water	7470A	
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	7470A	
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	7470A	
480-140719-6	BCC Area C RFI-20_0818	Total/NA	Ground Water	7470A	
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	7470A	
480-140719-9	BCC Area C MW-COIF_0818	Total/NA	Water	7470A	
MB 480-433106/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-433106/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-140719-1 MS	BCC Area C MW-C04 MS_0818	Total/NA	Ground Water	7470A	
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	Total/NA	Ground Water	7470A	

Analysis Batch: 433279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-1	BCC Area C MW-C04_0818	Total/NA	Ground Water	7470A	433106

Metals (Continued)

Analysis Batch: 433279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140719-2	BCC Area C MW-C01_0818	Total/NA	Ground Water	7470A	433106
480-140719-3	BCC Area C MW-C04 D_0818	Total/NA	Ground Water	7470A	433106
480-140719-4	BCC Area C PS-05A_0818	Total/NA	Ground Water	7470A	433106
480-140719-5	BCC Area C PS-06_0818	Total/NA	Ground Water	7470A	433106
480-140719-6	BCC Area C RFI-20_0818	Total/NA	Ground Water	7470A	433106
480-140719-7	BCC Area C RFI-31_0818	Total/NA	Ground Water	7470A	433106
480-140719-9	BCC Area C MW-COIF_0818	Total/NA	Water	7470A	433106
MB 480-433106/1-A	Method Blank	Total/NA	Water	7470A	433106
LCS 480-433106/2-A	Lab Control Sample	Total/NA	Water	7470A	433106
480-140719-1 MS	BCC Area C MW-C04 MS_0818	Total/NA	Ground Water	7470A	433106
480-140719-1 MSD	BCC Area C MW-C04 MSD_0818	Total/NA	Ground Water	7470A	433106

Lab Chronicle

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C MW-C04_0818

Lab Sample ID: 480-140719-1
Date Collected: 08/21/18 12:10
Matrix: Ground Water
Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	431217	08/23/18 23:55	CDC	TAL BUF
Total/NA	Prep	3510C			431041	08/23/18 07:40	JMP	TAL BUF
Total/NA	Analysis	8270D		1	431619	08/27/18 21:41	PJQ	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 14:22	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 16:58	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C01_0818

Lab Sample ID: 480-140719-2
Date Collected: 08/21/18 14:40
Matrix: Ground Water
Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	431217	08/24/18 00:18	CDC	TAL BUF
Total/NA	Prep	3510C			431041	08/23/18 07:40	JMP	TAL BUF
Total/NA	Analysis	8270D		10	431619	08/27/18 22:39	PJQ	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 14:50	S1P	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		5	432122	08/29/18 12:41	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 17:06	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C04 D_0818

Lab Sample ID: 480-140719-3
Date Collected: 08/21/18 12:20
Matrix: Ground Water
Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	431217	08/24/18 00:42	CDC	TAL BUF
Total/NA	Prep	3510C			431041	08/23/18 07:40	JMP	TAL BUF
Total/NA	Analysis	8270D		1	431619	08/27/18 23:09	PJQ	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 14:54	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 17:08	BMB	TAL BUF

Client Sample ID: BCC Area C PS-05A_0818

Lab Sample ID: 480-140719-4
Date Collected: 08/22/18 09:45
Matrix: Ground Water
Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	431217	08/24/18 01:05	CDC	TAL BUF

Client Sample ID: BCC Area C PS-05A_0818

Lab Sample ID: 480-140719-4

Date Collected: 08/22/18 09:45

Matrix: Ground Water

Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			431041	08/23/18 07:40	JMP	TAL BUF
Total/NA	Analysis	8270D		1	431619	08/27/18 23:38	PJQ	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 14:58	S1P	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		2	432122	08/29/18 12:45	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 17:10	BMB	TAL BUF

Client Sample ID: BCC Area C PS-06_0818

Lab Sample ID: 480-140719-5

Date Collected: 08/21/18 10:50

Matrix: Ground Water

Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	431217	08/24/18 01:28	CDC	TAL BUF
Total/NA	Prep	3510C			431041	08/23/18 07:40	JMP	TAL BUF
Total/NA	Analysis	8270D		5	431619	08/28/18 00:08	PJQ	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 15:01	S1P	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		5	432122	08/29/18 12:49	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 17:11	BMB	TAL BUF

Client Sample ID: BCC Area C RFI-20_0818

Lab Sample ID: 480-140719-6

Date Collected: 08/22/18 08:50

Matrix: Ground Water

Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	431217	08/24/18 01:51	CDC	TAL BUF
Total/NA	Prep	3510C			431041	08/23/18 07:40	JMP	TAL BUF
Total/NA	Analysis	8270D		1	431619	08/28/18 00:38	PJQ	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 15:05	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 17:13	BMB	TAL BUF

Client Sample ID: BCC Area C RFI-31_0818

Lab Sample ID: 480-140719-7

Date Collected: 08/22/18 08:00

Matrix: Ground Water

Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	431217	08/24/18 02:14	CDC	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-140719-1

Client Sample ID: BCC Area C RFI-31_0818

Lab Sample ID: 480-140719-7

Date Collected: 08/22/18 08:00
Matrix: Ground Water
Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			431041	08/23/18 07:40	JMP	TAL BUF
Total/NA	Analysis	8270D		1	431619	08/28/18 01:07	PJQ	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 15:09	S1P	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		10	432122	08/29/18 13:03	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 17:15	BMB	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-140719-8

Date Collected: 08/22/18 00:00
Matrix: Water
Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	431217	08/24/18 02:38	CDC	TAL BUF

Client Sample ID: BCC Area C MW-COIF_0818

Lab Sample ID: 480-140719-9

Date Collected: 08/21/18 14:50
Matrix: Water
Date Received: 08/22/18 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		1	431924	08/28/18 15:12	S1P	TAL BUF
Total/NA	Prep	3005A			431454	08/27/18 09:26	VEG	TAL BUF
Total/NA	Analysis	6010C		10	432122	08/29/18 13:07	S1P	TAL BUF
Total/NA	Prep	7470A			433106	09/06/18 13:44	VEG	TAL BUF
Total/NA	Analysis	7470A		1	433279	09/06/18 17:20	BMB	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 480-140719-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

Method Summary

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

TestAmerica Job ID: 480-140719-1

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
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

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

TestAmerica Job ID: 480-140719-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-140719-1	BCC Area C MW-C04_0818	Ground Water	08/21/18 12:10	08/22/18 14:40
480-140719-2	BCC Area C MW-C01_0818	Ground Water	08/21/18 14:40	08/22/18 14:40
480-140719-3	BCC Area C MW-C04 D_0818	Ground Water	08/21/18 12:20	08/22/18 14:40
480-140719-4	BCC Area C PS-05A_0818	Ground Water	08/22/18 09:45	08/22/18 14:40
480-140719-5	BCC Area C PS-06_0818	Ground Water	08/21/18 10:50	08/22/18 14:40
480-140719-6	BCC Area C RFI-20_0818	Ground Water	08/22/18 08:50	08/22/18 14:40
480-140719-7	BCC Area C RFI-31_0818	Ground Water	08/22/18 08:00	08/22/18 14:40
480-140719-8	TRIP BLANK	Water	08/22/18 00:00	08/22/18 14:40
480-140719-9	BCC Area C MW-COIF_0818	Water	08/21/18 14:50	08/22/18 14:40

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.

480-140719 COC

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 8-22-18	COC No: 28868.0818
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area C Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915231 EIM SITE ID - 37745	[ ] 2 days			
PO# [redacted] 60497	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + naaliac	Sample Specific Notes:
BCC_Area C_MW-C01_0818	8/21-18	1440	G	W	6	N	3	1	2	
BCC_Area C_RFI-31_0818	8/22-18	0800	G	W	6	N	3	1	2	
BCC_Area C_PS-04_0818			G	W	6	N	3	1	2	DRY WELL-NO SAMPLE
BCC_Area C_MW-C04_0818	8/21-18	1210	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0818	8/22-18	0850	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0818	8/22-18	0945	G	W	6	N	3	1	2	
BCC_Area C_PS-06_0818	8/22-18	1050	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_D_0818	8/21-18	1220	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_MS_0818	8/21-18	1235	G	W	6	N	3	1	2	
BCC_Area C_MW-C04_MSD_0818	8/21-18	1245	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2		2			
BCC_AREA C-MW-C01F_0818	8/21-18	1450	G	W	1				1	
Container Volume (ml)							40	250	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

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

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

Special Instructions/QC Requirements & Comments:

#1 4.1°C

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	8-22-18 1440		TAB	8/22/18 1440
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-140719-1

Login Number: 140719
List Number: 1
Creator: Stopa, Erik S

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.	N/A	
Chlorine Residual checked.	N/A	

ATTACHMENT F

GROUNDWATER SAMPLE LOGS

"C" '17

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:

WELL ID: PS-06

TIME: START 1105 END 1240

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 1st '17 "C"

JOB NUMBER:

DATE: 2-27-17

SAMPLERS: TW

SUNNY WINDY 46°

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.13 FT
WELL DEPTH	8 FT
WELL DIAMETER	1 IN
SCREEN LENGTH	— FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.25 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [x] NO [ ]

TIME OF SAMPLE COLLECTION: 1125

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
		5.13								
1109		4.85	155	10.08	1.61	6.60	1.65	22.0	-42	
1110		4.83		9.83	1.62	6.50	0.46	30.7	-49	
1112		4.84		9.62	1.63	6.44	0.0	34.5	-55	
1114		4.83		9.53	1.63	6.42	0	33.9	-58	D, MS, MSD
										1140
										1135
										1215

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
WELL ID: PSOSA
TIME: START 1250 END 1350
SAMPLE I.D. NUMBER:
SAMPLING EVENT: 1ST '17 "C"
JOB NUMBER:
DATE: 2-27-17
SAMPLERS: CD

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 5.25 FT
WELL DEPTH: 8 FT
WELL DIAMETER: 2 IN
SCREEN LENGTH: - FT
TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.78 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [✓] NO [ ]
TIME OF SAMPLE COLLECTION: 1325

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT
NAPL VOL. REMOVED: GAL

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
1310		5.01	165	7.29	2.88	6.61	3.55	24.0	-102	
1313		5.02		7.13	2.86	6.62	2.84	9.44	-95	
1315		5.03		7.12	2.82	6.61	2.47	8.26	-93	Cloudy
1316		5.03		7.10	2.79	6.60	2.15	2.10	-93	Brown
										Filtered
										Sample 1340

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
WELL ID: RFI-20R
TIME: START 1400 END 1445
SAMPLE I.D. NUMBER:
SAMPLING EVENT: 2ND Q '17
JOB NUMBER:
DATE: 6-22-17
SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.59 FT
WELL DEPTH	12.3 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	6 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.25 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

TIME OF SAMPLE COLLECTION: 1430

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1421		7.82	160	7.58	1.01	6.93	2.40	33.8	-9	
1424		7.96		7.34	1.02	6.87	2.14	54.1	-12	
1426		8.08		7.61	1.02	6.87	1.94	51.8	-11	
1427		8.10		7.76	1.04	6.86	1.50	53.3	-23	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT		SAMPLE I.D. NUMBER	
WELL ID:	MW-C01	SAMPLING EVENT	1ST '17 "C"
TIME	START 8:15 END 855	JOB NUMBER	

DATE 2-28-17

SAMPLERS [illegible]

Cloudy 0 45°

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	3.48 FT
WELL DEPTH	15 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	10 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: .75 Below IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [x] NO [ ]

TIME OF SAMPLE COLLECTION: 840

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
827		4.7	165	7.02	2.12	7.08	7.12	9.3	49	
829		4.78		6.97	2.06	7.08	6.88	9.1	47	
830		4.85		7.00	2.31	7.08	6.64	9.3	47	
832		4.9		7.02	2.32	7.06	6.47	9.6	48	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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 [ ]

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required.

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT		SAMPLE I.D. NUMBER		DATE	2-28-17
WELL ID:	RFI-31	SAMPLING EVENT	15 '17 "C"	SAMPLERS	[illegible]
TIME	START 910 END 950	JOB NUMBER			

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	4.66 FT
WELL DEPTH	14 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	5 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4.75 IN Below

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]

TIME OF SAMPLE COLLECTION: 935

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
923		7.65	160	9.35	11.5	6.88	3.93	37.1	167	
925		7.91		9.24	11.6	6.83	3.77	31.0	168	
926		8.11		9.20	11.6	6.82	3.59	29.0	167	CLAYISH
928		8.32		9.15	11.6	6.81	3.43	23.6	166	COLOR
										PART 1.

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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: [ ]

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
WELL ID: PS-04A
TIME: START 1035 END 1110
SAMPLE I.D. NUMBER:
SAMPLING EVENT: 1ST '17 "C"
JOB NUMBER:
DATE: 2-28-17
SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	7.15 FT
WELL DEPTH	7 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	— FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION	FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.78 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TIME OF SAMPLE COLLECTION	1055

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	FT
NAPL VOL. REMOVED	GAL

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
1045		7.03	155	8.73	1.67	6.85	8.08	2.7	135	
1046		7.04		8.13	1.67	6.58	7.34	2.4	158	
1047		7.13		8.03	1.61	6.52	6.76	2.4	159	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
SAMPLE I.D. NUMBER:
WELL ID: MW-C04
SAMPLING EVENT: 1ST '17 "C"
DATE: 2-28-17
TIME START: 1120 END: 1205
JOB NUMBER:
SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 5.72 FT
WELL DEPTH: 14 FT
WELL DIAMETER: 2 IN
SCREEN LENGTH: 10 FT
TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.75 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]
TIME OF SAMPLE COLLECTION: 1150

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT
NAPL VOL. REMOVED: GAL

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
1140		5.54	160	11.27	1.48	6.83	2.23	47.4	-54	
1142		5.54		11.11	1.50	6.73	0.55	44.6	-43	
1143		5.54		10.98	1.50	6.71	0.37	40.8	-42	CLAYISH
1145		5.54		10.93	1.50	6.71	0.31	44.2	-42	COLOR
										BRN

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

SAMPLE I.D. NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

WELL ID: MW-C01

SAMPLING EVENT: 2ND '17 (C)

DATE: 6/13-17

TIME START 740 END 915

JOB NUMBER:

SAMPLERS: CW

77° AM cloudy

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 3.75 FT

WELL DEPTH: 15 FT

WELL DIAMETER: 2 IN

SCREEN LENGTH: 10 FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: .75 Below IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

TIME OF SAMPLE COLLECTION: 0810

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL REMOVED: GAL

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
735		4.53	160	14.01	2.38	7.27	1.00	22.3	116	
736		4.56		13.88	2.33	7.22	0.65	23.0	116	
738		4.56		13.74	2.20	7.21	0.56	24.0	114	
800		4.56		13.68	2.08	7.19	0.52	22.7	114	
										D, MS, MSD
										825
										840
										855

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: PS-04A

TIME: START 925 END 1010

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 2ND '17 (C)

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 6-13-17

SAMPLERS: TW

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	7.24 FT
WELL DEPTH	7 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	- FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.50 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [✓] NO [ ]

TIME OF SAMPLE COLLECTION: 0950

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL REMOVED: GAL

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
940		7.65	160	22.0 C	0.930	7.86	2.02	18.5	102	
941		7.7		14.94	1.27	6.87	0	13.8	78	
942		7.92		14.49	1.29	6.82	0	29.9	64	DRYING

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNATURE:

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: RFI-31

TIME: START 1050 END 1130

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 2nd 17 - C

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 6-13-17

SAMPLERS: TD

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.65 FT

WELL DEPTH: 14 FT

WELL DIAMETER: 2 IN

SCREEN LENGTH: 5 FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4.28 IN BGW

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [x] NO [ ]

TIME OF SAMPLE COLLECTION: 1018

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL REMOVED: GAL

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
1100		6.04	165	24.49	9.77	6.86	0	13.7	29	
1102		6.33		24.29	9.74	6.86	0	13.6	-24	
1103		6.51		23.90	9.78	6.86	0	9.0	-37	
1105		6.68		23.56	9.80	6.86	0	10.0	-44	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE:

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: MW-204

TIME: START 1142 END 1230

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 2nd '17 (C)

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 6-13-17

SAMPLERS: TW

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.74 FT
WELL DEPTH	14 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	10 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.75 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [✓] NO [ ]

TIME OF SAMPLE COLLECTION: 1200

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1158		6.03	160	15.79	1.39	6.96	5.43	58.5	-100	
1159		6.03		15.33	1.42	6.90	4.81	31.4	-83	CLAYISH
1201		6.03		15.20	1.43	6.89	4.39	26.6	-93	
1202		6.03		15.13	1.444	6.88	4.14	32.7	-94	COLOR

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: PS-06

TIME: START 1248 END 1320

SAMPLE I.D. NUMBER:

SAMPLING EVENT: GMA '17 (2)

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 6-13-17

SAMPLERS: 2

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 5.13 FT

WELL DEPTH: 8 FT

WELL DIAMETER: 2 IN

SCREEN LENGTH: — FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.25 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [x] NO [ ]

TIME OF SAMPLE COLLECTION: 1305

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL REMOVED: GAL

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
1254		5.93	160	21.36	1.34	6.69	0	9.1	-63	
1259		5.95		21.08	1.34	6.62	0	7.5	-79	
1257		5.95		20.50	1.35	6.58	0	7.3	-83	
1259		5.95		20.19	1.36	6.57	0	4.5	-87	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or decontned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: RFI-20

TIME: START 1335 END 1400

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 2nd '17 (C)

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 6-13-17

SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.11 FT
WELL DEPTH	12.3 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	6 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.38 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [x] NO [ ]

TIME OF SAMPLE COLLECTION: 1350

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1337		7.22	165	23.94	1.50	6.88	1.58	1.4	-69	
1339		7.44		21.43	1.04	6.85	0.71	0	-82	
1341		7.64		18.62	1.11	6.85	0.27	0	-90	
1342		7.83		17.04	1.15	6.83	0.16	0	-94	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE:

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: PS-05A

TIME: START 1410 END 1445

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 2nd - '17 (L)

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 6-13-17

SAMPLERS: TW

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.10 FT	MEASUREMENT POINT	☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER
WELL DEPTH	8 FT	MEASUREMENT POINT ELEVATION	FASL
WELL DIAMETER	2 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.78 IN
SCREEN LENGTH	— FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☑ NO ☐
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	1430

NAPL REMOVAL METHOD: ☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL REMOVED: GAL

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
1419		6.13	155	21.62	1.68	6.92	0	30.3	-146	
1424		6.14		20.81	1.72	6.93	0	29.7	-152	
1425		6.13		20.34	1.75	6.92	0	28.9	-156	
1430		6.13		20.38	1.75	6.92	0	28.2	-159	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ WAILER
- ☐ SIMCO BLADDER
- ☐ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- ☐ SILICONE
- ☐ HIGH DENSITY POLYETHYLENE
- ☐ OTHER

TYPE OF WATER QUALITY METER
- ☐ YSI 556 MPS W/ FLOW CELL
- ☐ HORIBA U-50 W/ FLOW CELL
- ☐ OTHER

TYPE OF WATER LEVEL DEVICE
- ☐ GEOTECH INTERFACE METER
- ☐ SOLINST WATER METER
- ☐ 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:

WELL ID: RFI-31

TIME: START 0740 END 930

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 3RD '17 (C)

JOB NUMBER:

DATE: 8-17-17

SAMPLERS: (TW)

PTL SUNNY 71°

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	4.79 FT
WELL DEPTH	14 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	5 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4.78 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]

TIME OF SAMPLE COLLECTION: 0825

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
0753		6.43	160	16.37	12.10	7.01	4.63	0.3	-69	Black bits
751		6.69		16.32	12.10	6.99	4.46	20.0	-72	
805		8.19		16.70	11.6	7.141	0	8.5	-101	
807		8.41		16.76	11.4	7.05	0	4.6	-88	
809		8.8		16.82	11.3	7.04	0	2.4	-78	
810		8.95		16.35	11.2	7.041	0	2.7	-75	
										D, MS, MSD
										840
										855
										910

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

OSC

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:

WELL ID: MW-201

TIME: START 940 END 1040

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 2Q-17 (C)

JOB NUMBER:

DATE: 8-17

SAMPLERS: [illegible]

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	3.51 FT
WELL DEPTH	15 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	10 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]

TIME OF SAMPLE COLLECTION: 1025

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1004		4.51	165	20.85	1.61	7.35	0	95.1	55	
1006		4.48		20.79	1.62	7.31	0	87.4	56	
1008		4.45		21.00	1.64	7.30	0	91.3	54	
1009		4.46		20.96	1.65	7.28	0	80.1	54	
1010		4.46		20.93	1.67	7.28	0	80.5	52	FIELD SAMPLED 1035

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
WELL ID: PS-04A
TIME: START 1105 END 1135
SAMPLE I.D. NUMBER:
SAMPLING EVENT: 3RD '17 C
JOB NUMBER:
DATE: 8-17
SAMPLERS: TD

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	7.35 FT
WELL DEPTH	7 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	— FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.50 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]

TIME OF SAMPLE COLLECTION: 1122

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1112		7.78	160	21.55	1.19	7.13	10.07	6.7	-25	
1123		7.93		20.58	1.20	6.98	0.00	14.8	-20	

1 GW VOLUME OF WATER

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
SAMPLE I.D. NUMBER:
WELL ID: MW-104
SAMPLING EVENT: 3RD Q17 (C)
DATE: 8-17-17
TIME: START 1148 END 1230
JOB NUMBER:
SAMPLERS: EW

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 6.01 FT
WELL DEPTH: 14 FT
WELL DIAMETER: 2 IN
SCREEN LENGTH: 10 FT
TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.75 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]
TIME OF SAMPLE COLLECTION: 1220

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT
NAPL VOL. REMOVED: GAL

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
1205		6.13	155	19.11	1.51	7.13	5.81	0	-96	
1206		6.14		17.93	1.55	7.08	5.26	0	-103	
1208		6.14		17.59	1.57	7.06	4.73	0	-107	
1209		6.14		17.43	1.57	7.06	4.38	0	-109	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:

WELL ID: RFI-20

TIME: START 1245 END 1325

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 3RD '17 (L)

JOB NUMBER:

DATE: 8-17-17

SAMPLERS: (W)

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.63 FT
WELL DEPTH	12.3 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	6 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.25 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]

TIME OF SAMPLE COLLECTION: 1310

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1257		7.38	155	20.30	1.11	7.07	1.89	0	-103	
1258		7.46		20.32	1.12	7.00	1.56	0	-103	DARK
1300		7.68		19.87	1.13	6.99	1.44	0	-104	PARTIC

(Needs New Tubing)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
WELL ID: PS-05A
TIME: START 1335 END 1415
SAMPLE I.D. NUMBER:
SAMPLING EVENT: 3RD-17 (C)
JOB NUMBER:
DATE: 8-17
SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.88 FT
WELL DEPTH	8 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	— FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.78 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [x] NO [ ]

TIME OF SAMPLE COLLECTION: 1400

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1346		6.11	165	10.45	2.17	6.95	5.21	1.2	-147	
1348		6.11		10.21	2.12	6.93	4.33	2.7	-152	
1349		6.12		10.01	2.34	6.93	3.80	4.7	-155	
1350		6.13		10.04	1.97	6.94	3.43	5.2	-158	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

OSC
ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
SAMPLE I.D. NUMBER:
WELL ID: PS-06
SAMPLING EVENT: 2RD-17 (L)
DATE: 8-17-17
TIME: START 1405 END 1455
JOB NUMBER:
SAMPLERS: TW

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.49 FT	MEASUREMENT POINT	NAPL REMOVAL METHOD
WELL DEPTH	8 FT	☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER	☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK
WELL DIAMETER	(2) IN	MEASUREMENT POINT ELEVATION: FASL	DEPTH TO NAPL NON DETECT (ND): FT
SCREEN LENGTH	— FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.18 IN	NAPL VOL. REMOVED: GAL
TOTAL VOL. PURGED	GAL	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES ☑ NO ☐	
		TIME OF SAMPLE COLLECTION: 1445	

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
1433		5.92	150	20.68	1.76	6.63	0	9.6	-107	
1436		5.93		18.91	1.76	6.62	0	5.9	-106	
1437		5.92		18.48	1.77	6.62	0	4.2	-106	
1438		5.92		18.19	1.77	6.61	0	2.3	-107	

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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT		SAMPLE I.D. NUMBER			
WELL ID:	RF1-20	SAMPLING EVENT	4th "C" - 17	DATE	11-21-17
TIME	START 0803 END 945	JOB NUMBER		SAMPLERS	[illegible]

SUNNY 43° WINDY

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.85 FT	MEASUREMENT POINT: ☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER		NAPL REMOVAL METHOD: ☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK	
WELL DEPTH	12.3 FT	MEASUREMENT POINT ELEVATION	FASL	DEPTH TO NAPL NON DETECT (ND)	FT
WELL DIAMETER	2 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.38 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	6 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☑ NO ☐		
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	0835		

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
0817		8.01	160	12.87	1.21	7.65	0.00	169	170	
819		8.16		12.59	1.23	7.32	0	162	148	CLAYISH COLOR
820		8.24		12.57	1.22	7.26	0	154	134	PARTICULATES
822		8.33		12.53	1.22	7.21	0	152	120	CLOUDY
										SHIT
										D, MS, MSD
										0845
										0855
										0910
										FILTERED SAMPLE

IRON?? (CLEAN)

0920

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 ☐

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: BS-05A

TIME: START 0955 END 1045

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 4th "C" '17

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 11-21-17

SAMPLERS: TW

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 3.96 FT

WELL DEPTH: 8 FT

WELL DIAMETER: 2 IN

SCREEN LENGTH: — FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.78 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [✓] NO [ ]

TIME OF SAMPLE COLLECTION: 1030

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1016		4.6	165	10.47	1.79	7.28	2.13	171	-109	
1018		4.65		10.60	1.79	7.18	2.64	1.5	-108	CLOUDY
1020		4.64		10.55	1.78	7.17	2.32	158	-111	
1021		4.63		10.47	1.78	7.17	2.12	165	-112	CLAYISH COLOR PARTIC. SHIT
										FILTERED SAMPLE 1045

CLEAN

IRON??

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
WELL ID: PS-06
TIME: START 1110 END 1150
SAMPLE I.D. NUMBER:
SAMPLING EVENT: 4Q17-C-17
JOB NUMBER:
DATE: 11-21-17
SAMPLERS: EJ

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.74 FT	MEASUREMENT POINT	☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER
WELL DEPTH	8 FT	MEASUREMENT POINT ELEVATION	FASL
WELL DIAMETER	1 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.25 IN
SCREEN LENGTH	— FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☑ NO ☐
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	1130

NAPL REMOVAL METHOD: ☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1123		4.74	160	12.62	1.57	6.85	4.41	44.7	-92	
1124		4.76		12.73	1.57	6.78	4.16	42.0	-90	CLAYISH
1126		4.78		12.75	1.57	6.73	~~4.14~~			COLOR
1127		4.79		12.79	1.57	6.73	~~3.25~~	41.9	-90	PAN-
							3.72	38.2	-91	

(Clear)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: ☐ WAILER ☐ SIMCO BLADDER ☐ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING: ☐ SILICONE ☐ HIGH DENSITY POLYETHYLENE ☐ OTHER

TYPE OF WATER QUALITY METER: ☐ YSI 556 MPS W/ FLOW CELL ☐ HORIBA U-50 W/ FLOW CELL ☐ OTHER

TYPE OF WATER LEVEL DEVICE: ☐ GEOTECH INTERFACE METER ☐ SOLINST WATER METER ☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected

		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
ST.ANDARD	☐ 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:

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: PS-04A

TIME: START 1200 END 1235

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 4th "C" '17

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 11-21-17

SAMPLERS: [illegible]

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	7.89 FT
WELL DEPTH	9(7) FT
WELL DIAMETER	2 IN
SCREEN LENGTH	- FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION	FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.50 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TIME OF SAMPLE COLLECTION	1220

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	FT
NAPL VOL. REMOVED	GAL

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
1208		6.98	160	12.56	1.22	7.15	4.25	4.7	24	
1209		7.01		12.60	1.22	7.07	4.21	4.6	21	
1210		7.05		12.59	1.23	7.04	4.11	4.8	19	
1211		7.06		12.48	1.23	7.03	4.11	4.9	17	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: | SAMPLE I.D. NUMBER: | ONTARIO SPECIALTY CONTRACTING, INC

WELL ID: MW-204 | SAMPLING EVENT: 4TH-2" - '17 | DATE: 11-21-17

TIME START 1248 END 1345 | JOB NUMBER: | SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	6.19 FT	MEASUREMENT POINT	☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER
WELL DEPTH	14 FT	MEASUREMENT POINT ELEVATION	FASL
WELL DIAMETER	2 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.58 IN
SCREEN LENGTH	10 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☑ NO ☐
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	1325

NAPL REMOVAL METHOD: ☐ BAILER ☐ PERISTALTIC PUMP ☐ ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1311		5.62	155	13.08	1.32	7.14	4.16	100	35	
1312		5.63		1313	1.33	7.09	3.75	93.0	21	CLEAR
1313		5.63		1314	1.33	7.06	3.52	86.7	8	COLOR CHANGE
1313		5.63		1315	1.34	7.05	3.38	75.6	-4	CLOUDY
										FILTERED SAMPLE 1335

(CLEAR)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: ☐ WAILER ☐ SIMCO BLADDER ☐ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING: ☐ SILICONE ☐ HIGH DENSITY POLYETHYLENE ☐ OTHER

TYPE OF WATER QUALITY METER: ☐ YSI 556 MPS W/ FLOW CELL ☐ HORIBA U-50 W/ FLOW CELL ☐ OTHER

TYPE OF WATER LEVEL DEVICE: ☐ GEOTECH INTERFACE METER ☐ SOLINST WATER METER ☐ 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:

COMMENTS

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

SAMPLE I.D. NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

WELL ID: RFI-31

SAMPLING EVENT: 4th - "C" - '17

DATE: 11-21-17

TIME: START 1355 END 1440

JOB NUMBER:

SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.95 FT

WELL DEPTH: 14 FT

WELL DIAMETER: 2 IN

SCREEN LENGTH: 5 FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4.50 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

TIME OF SAMPLE COLLECTION: 1420

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1403		6.06	100	13.51	12.1	7.06	3.99	9.7	41	
1407		6.30		13.64	12.9	7.04	3.72	12.9	-3	
1408		6.53		13.63	12.0	7.03	3.64	15.1	-30	
1409		6.72		13.73	12.0	7.02	3.49	14.4	-43	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: MW-C01

TIME: START 1430 END 1515

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 4Q-2017

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 11-21-17

SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	3.48 FT
WELL DEPTH	14 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	5 FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: .75

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

TIME OF SAMPLE COLLECTION: 1510

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1500		6.82	100	11.48	1.28	8.04	2.27	191	23	
1502		6.91		11.45	1.21	8.00	2.06	178	42	
1503		6.94		11.45	1.17	7.99	1.94	134	47	CLOUDY
1505		6.96		11.42	0.986	8.00	1.76	104	33	
1507		7.00		11.43	1.02	8.00	1.72	98.5	58	
										FIELD SERVICE 1515

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

1ST Q AREA "C" '18

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT		SAMPLE I.D. NUMBER	
WELL ID:	MW-C04	SAMPLING EVENT	1ST "C" '18
TIME	START 850 END 1045	JOB NUMBER	

DATE 2-27-18

SAMPLERS [illegible]

SUNNY 47°

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	5.45 FT	MEASUREMENT POINT: TOP OF WELL RISER / TOP OF PROTECTIVE CASING / OTHER	
WELL DEPTH	14 FT	MEASUREMENT POINT ELEVATION	FASL
WELL DIAMETER	2 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 IN
SCREEN LENGTH	10 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☐ NO ☐
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	950

NAPL REMOVAL METHOD: BAILER / PERISTALTIC PUMP / ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND) FT

NAPL VOL. REMOVED GAL

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
927		5.57	160	8.80	1.29	6.62	0.00	120	-14	IRON
929		5.57		8.74	1.28	6.72	0	118	-26	CLAYISH COLOR PART.
931		5.57		8.88	1.28	6.76	0	97.1	-34	NEW UP
935		5.58		8.66	1.27	6.88	0	64.1	-51	
937		5.57		8.66	1.27	6.84	0	62.2	-53	
938		5.58		8.75	1.27	6.83	0	65.3	-53	
940		5.58		8.64	1.27	6.83	0	57.5	-53	
										D-MS-MSD
										1005
										1020
										1035

LEAN

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 ☐

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
SAMPLE I.D. NUMBER:
WELL ID: MW-LO1
SAMPLING EVENT: 1ST Q '18
DATE: 2-27-18
TIME: START 1055 END 1127
JOB NUMBER:
SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 5.67 FT
WELL DEPTH: 15 FT
WELL DIAMETER: 2 IN
SCREEN LENGTH: 10 FT
TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 0.75 BGS IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [x] NO [ ]
TIME OF SAMPLE COLLECTION: 1120

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT
NAPL VOL. REMOVED: GAL

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
1103		6.65	165	7.05	0.927	7.65	3.98	62.9	45	
1109		6.72		6.57	0.655	7.68	4.16	54.5	43	
1114		6.81		6.95	0.520	7.73	4.40	42.4	45	
1115		6.82		7.62	0.418	7.67	7.33	66.8	51	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

OSC

ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT:

SAMPLE I.D. NUMBER:

WELL ID: RFI-31

SAMPLING EVENT: 1ST 2" '18

DATE: 2-27-18

TIME: START 1150 END 1240

JOB NUMBER:

SAMPLERS: TO

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.75 FT

WELL DEPTH: 14 FT

WELL DIAMETER: 2 IN

SCREEN LENGTH: 5 FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4.25 BIN 40 CU

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

TIME OF SAMPLE COLLECTION: 1218

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1203		6.87	16.0	9.10	11.8	6.90	OW	11.0	100	
1205		7.29		9.48	11.8	6.89	0	9.4	89	
1206		7.58		9.45	11.9	6.89	0	9.6	85	
1208		7.81		9.40	11.9	6.89	0	6.9	83	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT:
WELL ID: PS-04
TIME: START 1258 END 1340
SAMPLE I.D. NUMBER:
SAMPLING EVENT: 1ST "Q" '18
JOB NUMBER:
DATE: 2-27-18
SAMPLERS:

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	6.84 FT
WELL DEPTH	7 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION	FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3.58 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TIME OF SAMPLE COLLECTION	1325

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	FT
NAPL VOL. REMOVED	GAL

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
1314		7.1	155	8.01	1.04	6.84	1.14	2.3	90	
1315		7.26		9.01	1.12	6.83	1.09	3.7	92	
1316		7.39		8.38	1.12	6.84	1.59	3.5	93	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: PS-06

TIME: START 1353 END 1430

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 1st "C" '18

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 2-21-18

SAMPLERS: CW

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.63 FT

WELL DEPTH: 8 FT

WELL DIAMETER: 1 IN

SCREEN LENGTH: FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.38 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]

TIME OF SAMPLE COLLECTION: 1420

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
1404		4.83	160	9.41	1.45	6.96	0.00	21.4	-98	
1407		4.87		9.30	1.45	6.89	0	15.3	-94	
1408		4.88		9.26	1.46	6.74	0	13.7	-92	
1410		4.88		9.23	1.46	6.68	0	15.0	-91	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT:

WELL ID: RFI-20

TIME: START 1140 END 830

SAMPLE I.D. NUMBER:

SAMPLING EVENT: 1ST "Q" '18

JOB NUMBER:

ONTARIO SPECIALTY CONTRACTING, INC

DATE: 2-27-18 2/28/18

SAMPLERS: CO

SUNNY 45

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 3.18 FT

WELL DEPTH: 12.3 FT

WELL DIAMETER: 2 IN

SCREEN LENGTH: 6 FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION: FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.35 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

TIME OF SAMPLE COLLECTION: 830

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): FT

NAPL VOL. REMOVED: GAL

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
751		6.71	200	6.37	1.21	7.12	0.25	59.3	72	LOW
755		6.96		6.79	1.23	6.94	0	96.2	17	FLOW
806		8.27		6.86	1.15	6.92	6.3	27.1	-30	
803		8.41		1.87	1.21	6.87	6.45	18.7	-26	CLAYISH COLOR
809		8.52		7.48	1.24	6.84	6.34	15.1	-25	PUMP
811		8.66		7.57	1.24	6.83	6.12	14.8	-27	STARTED
										FILTERED SAMPLE 0815

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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:

COMMENTS

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE:

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT		SAMPLE I.D. NUMBER	
WELL ID:	PS-05A	SAMPLING EVENT	1ST "L" '18
TIME	START 840 END 945	JOB NUMBER	

DATE 2-28-18

SAMPLERS [illegible]

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER	4.69 FT
WELL DEPTH	8 FT
WELL DIAMETER	2 IN
SCREEN LENGTH	— FT
TOTAL VOL. PURGED	GAL

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

MEASUREMENT POINT ELEVATION	FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TIME OF SAMPLE COLLECTION	905

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	FT
NAPL VOL. REMOVED	GAL

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) 6.45	TURBIDITY (ntu) 6.02	REDOX (ORP)	COMMENTS
853	[illegible]		5.18	165	6.95	1.68	7.01	[illegible]	131	-43	
854	[illegible]		5.19		6.82	1.67	6.97	[illegible]	112	-60	CLAYISH
856	[illegible]		5.19		6.78	1.67	6.96	5.73	98.0	-65	LOUDER PART.
858	[illegible]		5.19		6.81	1.67	6.96	5.51	93.3	-69	
											High turb
											Filtered
											Sample
											0910

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [ ] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [ ] SILICONE
- [ ] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] 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 [ ]

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

OSC
ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	B.C. ~~980 Ellicott Street~~	SAMPLE EVENT	2nd 2018
WELL ID	MW-C01 (C)	SAMPLE TIME	1140
TIME	START 1013 END 1240	JOB NUMBER	1601 ~~18017~~ OMM
SAMPLE DATE	6-11-18	SAMPLER	

75° Sunny

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.80	FT
TOTAL DEPTH	15.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	9.20	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

9.20 0.00 (water column) x 0.17 (converstion) = 0.00 1.56 (1 purge volume)

3 purge volumes = 0.00 4.68 gallons

4.68 0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 18.00 (minutes to pump)

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1021		6.92	16.40	2.74	8.54	1.47	000	70	Blow Up.
1027		7.15	16.05	2.41	8.40	2.41	549	80	Cloudy - High
1045		8.63	13.46	7.89	8.26	0.61	619	84	Turb
1103		9.68	12.77	20.0	8.00	0.17	714	40	
1118		10.53	12.88	19.7	7.93	0.01	400	45	
1135		11.08	12.73	20.1	7.88	0	245	51	~~M-M~~
									D-MS-MSD
									Filtered Sample

1150
1200
1210
1220

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD
TAL VOCs	8260
TAL SVOCs	8270

PRESERVATION METHOD

4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

COMMENTS

YSI did not have turbidity

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: BC ~~880 Elliott Street~~

WELL ID: RFI-31A (C)

TIME: START 1250 END 1400

SAMPLE EVENT: 2ND 2018

SAMPLE TIME: 1340

JOB NUMBER: 160 1 ~~2017~~ OMM

ONTARIO SPECIALTY CONTRACTING, INC

SAMPLE DATE: 6-11-18

SAMPLER: TW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.85	FT
TOTAL DEPTH	14.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00 9.15	FT

4.70 Below

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

9.15 (0.00 water column) x 0.17 (conversion) = 1.55 (0.00 1 purge volume)

3 purge volumes = 4.65 (0.00) gallons

0.00 gallons ÷ 0.26 gal/min (flow rate) = 0 (17.88) minutes to pump

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1303		6.64	14.46	10.9	7.68	0.84	0.90	73	
1320		9.12	12.74	11.1	7.44	0.31	8	36	
1325		10.78	13.18	11.0	7.41	0.10	3.8	69	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: BC ~~880 Ellicott Street~~

WELL ID: PSOHA (C)

TIME: START 1412 END 1445

SAMPLE EVENT: 2nd 2018

SAMPLE TIME: 1435

JOB NUMBER: 160 1 ~~2017~~ OMM

ONTARIO SPECIALTY CONTRACTING, INC

SAMPLE DATE: 6-11-18

SAMPLER: TD

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.20	FT
TOTAL DEPTH	7.50	FT
WELL DIAMETER	~~2.0~~	IN
WATER COLUMN	0.00 0.30	FT

7.50 − 7.20 = .30

3.50

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

0.30 (0.00 water column) × 0.17 (conversion) = 0.00 ~~0.05~~ 0.05.10 (1 purge volume)

3 purge volumes = 0.00 ~~0.15~~ 1.53 0 gallons

0.00 gallons ÷ 0.26 gal/min (flow rate) = 0 minutes to pump 0.60 (sec.)

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
~~1428~~ 1432		8.03	16.76	1.03	7.77	0.53	10.4	105	
1436		8.21	15.46	1.07	7.51	0.00	0.1	110	
1448		8.96	15.35	1.07	7.44	0	5.4	111	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	B.C. ~~980 Ellicott Street~~	SAMPLE EVENT	2nd 2018
WELL ID	MW-C04 (C)	SAMPLE TIME	0950
TIME	START 0815 END 925	JOB NUMBER	1601 ~~8017~~ OMM

OSC
ONTARIO SPECIALTY CONTRACTING, INC

SAMPLE DATE 6-22-18

SAMPLER [illegible]

Sunny 680

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.71	FT
TOTAL DEPTH	14.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	8.29	FT

1.75

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

8.29 0.00 (water column) x 0.17 (converstion) = 1.40 0.00 (1 purge volume)

3 purge volumes = 4.20 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 16.15 (minutes to pump)

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND) ND FT

NAPL VOL. REMOVED GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
828		6.24	13.15	1.25	7.50	0.00	136	-48	
845		6.26	13.41	1.24	7.40	0	115	-49	CLOUDY
900		6.26	14.38	1.23	7.39	0	76.3	-52	CLAYISH COLOR PART.
									FILTERED SAMPLE 0920

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	4° C	HCl	HNO_3	Other
TAL SVOCs	8270	4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES [X] NO [ ]

NUMBER OF GALLONS GENERATED [ ]

COMMENTS

YSI did not have turbidity

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: BC ~~880 Ellicott Street~~ | SAMPLE EVENT: 2nd 2018

WELL ID: RFI-20A (C) | SAMPLE TIME: 1015

TIME: START 0930 END 1025 | JOB NUMBER: 160 1/~~16017~~ OMM

ONTARIO SPECIALTY CONTRACTING, INC | SAMPLE DATE: 6-12-18

SAMPLER: [signature]

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.58	FT
TOTAL DEPTH (14)	12.30	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00 6.72	FT

2.38

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water | 4" = 0.66 gal/foot water

2" = 0.17 gal/foot water | 6" = 1.5 gal/foot water

6.72 (0.00 water column) x (0.17 conversion) = 1.14 (0.00 1 purge volume)

3 purge volumes = 3.42 (0.00) gallons

0.00 gallons ÷ 0.26 gal/min flow rate = 0 (13.15) minutes to pump

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
942		8.48	13.36	0.914	7.59	0.86	48.4	0	CLOUDY / COLOR
955		9.23	14.62	0.944	7.45	0.96	16.2	-54	
1011		10.31	14.44	1.00	7.42	0.81	10.5	-67	PART.

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

COMMENTS: YSI did not have turbidity

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: BC ~~080 Silcott Street~~

WELL ID: PS-05A (C)

TIME: START 1030 END 1110

SAMPLE EVENT: 2nd 2018

SAMPLE TIME: 1100

JOB NUMBER: 160 1~~0017~~ OMM

ONTARIO SPECIALTY CONTRACTING, INC

SAMPLE DATE: 6-12-18

SAMPLER: [signature]

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.44	FT
TOTAL DEPTH	8.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00 ~~2.56~~	FT

1.78

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

2.56 (0.00 water column) x (0.17 conversion) = 0.43 (0.00 1 purge volume)

3 purge volumes = 1.29 (0.00 gallons)

0.00 gallons ÷ 0.26 gal/min flow rate = 0 (4.96) minutes to pump

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1043		6.68	17.05	1.32	7.54	5.75	60.3	-101	
1096		6.82	14.42	1.54	7.50	4.42	30.7	-104	CHANGE COLOR
1053		6.88	14.32	1.54	7.48	4.31	10.6	-106	CLEAR

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	B.C. ~~880 Ellicott Street~~	SAMPLE EVENT	2ND 2018
WELL ID	PS-06 (2)	SAMPLE TIME	1145
TIME	START 1115 END 1155	JOB NUMBER	1601 ~~16017~~ OMM

ONTARIO SPECIALTY CONTRACTING, INC

SAMPLE DATE 6-12-18

SAMPLER [illegible]

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.18	FT
(9) TOTAL DEPTH	8.00	FT
WELL DIAMETER	~~2.0~~ 1	IN
WATER COLUMN	0.00 2.82	FT

3.25

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

2.82 0.00 (water column) x 0.17 (converstion) = 0.47 0.00 (1 purge volume)

3 purge volumes = 1.41 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (5.42) (minutes to pump)

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1127		6.43	17.26	1.29	7.43	1.05	41.5	-68	
1133		6.48	15.44	1.33	7.19	0.18	14.6	-75	
1138		6.49	15.16	1.33	7.14	0.13	6.1	-81	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD
TAL VOCs	8260
TAL SVOCs	8270

PRESERVATION METHOD

(4° C)	(HCl)	HNO_3	Other
(4° C)	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other
4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES [X] NO [ ]

NUMBER OF GALLONS GENERATED [ ]

COMMENTS

YSI did not have turbidity

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

(C)

PROJECT: BC ~~880 Ellicott Street~~

SAMPLE EVENT: 18 - 3RD QTR

ONTARIO SPECIALTY CONTRACTING, INC

WELL ID: MW-C04

SAMPLE TIME: 1210

SAMPLE DATE: 8-21-18

TIME: START 1120 END 1305

JOB NUMBER: 160 1 ~~2017~~ OMM

SAMPLER: [illegible]

PTL CLOUDY 78°

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.30	FT
TOTAL DEPTH	14.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

7.70 (0.00 water column) x (0.17 conversion) = (0.00 1 purge volume) 1.30

3 purge volumes = 0.00 gallons

390 (0.00 gallons) ÷ (0.26 gal/min flow rate) = (0 minutes to pump) 15.00

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1126		6.28	16.34	4.20	5.78	1.18	4.2	-26	
1142		6.35	15.76	4.10	5.98	1.48	3.8	-50	
1158		6.37	15.58	3.58	6.02	1.84	13.2	-65	
									D, MS, MSD
									1220 - 1235
									1245

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: BC ~~880 Ellicott Street~~

WELL ID: PS-04A

TIME: START 1315 END 1335

SAMPLE EVENT: 3RD - 18 E

SAMPLE TIME:

JOB NUMBER: 160 1 ~~2017~~ OMM

ONTARIO SPECIALTY CONTRACTING, INC

SAMPLE DATE: 8/21-18 8-22-18

SAMPLER: DW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.75	FT
TOTAL DEPTH	9.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

0.25

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 0.04

3 purge volumes = 0.00 gallons

0.12

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 0.46 SECONDS

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1323		9.03							DRY 8/21 COME BACK
									BACK NEXT DAY STILL DRY 8/22

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	BL - ~~880 Elliott Street~~	SAMPLE EVENT	'18 - 3RD QTR
WELL ID	MW-C01	SAMPLE TIME	1440
TIME	START 1345 END 1500	JOB NUMBER	160 1 ~~2017~~ OMM
SAMPLE DATE	8-21	SAMPLER	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.6	FT
TOTAL DEPTH	15.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

3.40 — 0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) — 1.42

3 purge volumes = 0.00 gallons

4.26 — 0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) — 16.38

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1400		7.28	18.26	87.1	6.18	0.73	276	-45	
1419		8.09	19.22	18.8	6.61	4.49	661	-46	CLOUDY
1434		9.73	19.64	19.7	6.63	2.05	322	-46	(MUD - DIRTY)
									FILTERED SAMPLE 1450

8.09

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [x] NO [ ]

NUMBER OF GALLONS GENERATED:

COMMENTS

YSI did not have turbidity

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: BC ~~980 Ellicott Street~~

SAMPLE EVENT: 3RD-18 (L)

ONTARIO SPECIALTY CONTRACTING, INC

WELL ID: RFI-30

SAMPLE TIME: 805

SAMPLE DATE: 8-22-18

TIME: START 700 END 810

JOB NUMBER: 160 / ~~19017~~ OMM

SAMPLER: [illegible]

P.C. CLOUDY 68°

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.28	FT
TOTAL DEPTH	14.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

8.72 (0.00 water column) x (0.17 conversion) = (0.00 1 purge volume) 1.48

3 purge volumes = 0.00 gallons

4.44 (0.00 gallons) ÷ (0.26 gal/min flow rate) = (0 minutes to pump) 17.07

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
711		6.33	17.97	29.9	6.22	1.75	9.6	-47	
730		8.02	16.46	29.7	6.08	1.24	0.4	-47	
750		10.11	17.59	28.0	6.12	1.02	0.7	-24	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

COMMENTS

YSI did not have turbidity

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: BC ~~980 Elliott Street~~
WELL ID: RFI-20
TIME: START 820 END 910
SAMPLE EVENT: 18-3RD (C)
SAMPLE TIME: 850
JOB NUMBER: 160 1 ~~19917~~ OMM

OSC
ONTARIO SPECIALTY CONTRACTING, INC
SAMPLE DATE: 3-22-18
SAMPLER: [signature]

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.80 FT
TOTAL DEPTH	12.30 FT
WELL DIAMETER	2.0 IN
WATER COLUMN	0.00 FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

4.20 (0.00 water column) x 0.17 (converstion) = 0.00 (1 purge volume) 0.71

3 purge volumes = 0.00 gallons

2.13 (0.00 gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 8.19

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT
NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
828		2.73	16.72	2.99	6.37	3.29	10.3	-99	
837		8.71	17.14	2.99	6.19	2.89	5.3	-103	
846		9.02	17.55	2.88	6.19	2.42	2.2	-106	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]
NUMBER OF GALLONS GENERATED:

COMMENTS
YSI did not have turbidity

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT: BC ~~980 Silcott Street~~

WELL ID: PS-05A

TIME: START 923 END 1000

SAMPLE EVENT: 3RD Q - '18 G

SAMPLE TIME: 0945

JOB NUMBER: 160 1/2017 OMM

SAMPLE DATE: 8-22-18

SAMPLER: CW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.70	FT
TOTAL DEPTH	8.-	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

0.30 — 0.00 (water column) x 0.17 (converation) = 0.00 (1 purge volume) — 0.05

3 purge volumes = 0.00 gallons

0.15 — 0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) — 0.57

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
934		7.12	17.84	5.91	6.13	6.29	4.9	-95	
937		7.16	17.70	5.26	6.14	6.31	4.8	-99	
939		7.22	17.98	4.48	6.14	6.42	4.5	-103	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

COMMENTS

YSI did not have turbidity

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: BC, ~~990 Elliott Street~~

WELL ID: PS-06

TIME: START 1027 END 1100

SAMPLE EVENT: 18-3RD (C)

SAMPLE TIME: 1050

JOB NUMBER: 160 1[illegible]17 OMM

ONTARIO SPECIALTY CONTRACTING, INC

SAMPLE DATE: 8-22-18

SAMPLER: [illegible]

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.52	FT
TOTAL DEPTH	8.00	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

1.48 — 0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) — 0.25

3 purge volumes = 0.00 gallons

0.75 — 0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) — 2.88

NAPL REMOVAL METHOD

- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1036		5.82	16.67	3.82	5.93	1.83	15.3	-56	
1039		5.84	16.52	3.93	5.75	1.83	7.0	-57	
1043		5.90	16.41	3.93	5.72	1.75	4.4	-60	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity