



August 31, 2015

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

**Subject: 2014 Periodic Review Report  
Buffalo Color Corporation – Area E Site No. C915232  
OSC 0913-OMM**

Dear Mr. Szymanski:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting this Periodic Review Report (PRR) for the Buffalo Color Area E Site (referred to hereafter as the “Site”). This PRR acts to chronicle and assess all post remedial activities conducted during the 2014 year (referred to hereafter as the “reporting period”).

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

#### I. Executive Summary

- A. Site Summary: The 15.8 acre Site is located at 85 Lee Street in the City of Buffalo, County of Erie, New York. It is one of five areas which comprised the former Buffalo Color Corporation, which produced dyes and organic chemicals until its bankruptcy in 2005.

Remedial investigations determined that Site soil contained concentrations of certain metals and organic substances that exceeded the NY Commercial Soil Cleanup Objectives (SCOs). Shallow soil and groundwater on the southwestern portion of Area E were found to contain concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) that exceeded applicable NY soil and groundwater standards. Petroleum (weathered No. 2 fuel oil) in the form of a light non-aqueous phase liquid (LNAPL) was identified on the southeastern side of Area E in shallow soil and shallow groundwater.

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

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

- Development and implementation of a Site Management Plan for long term management of remaining contamination.

During the reporting period, the following routine Operations, Maintenance, and Monitoring (OMM) activities were completed in accordance with the Site Management Plan, prepared by Mactec Engineering and Consulting P.C. dated September 14, 2011 (referred to hereafter as the SMP):

- Quarterly shallow groundwater sampling;
- Annual groundwater sampling from wells located adjacent to the former LNAPL excavation area;
- Quarterly LNAPL interface measurements from wells located adjacent to the former LNAPL excavation area;
- Quarterly storm sewer sampling at manhole DMH-E31, which is located on Area E and is the manhole immediately prior to the Buffalo River outfall; and
- Quarterly Site inspections.

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

Non-routine operations and maintenance activities included the replacement of monitoring well RFI-32; and the subsurface placement of an oxygen releasing reagent within select locations of the saturated soil zone. An installation report for these activities is included as **Attachment G**.

- B. Effectiveness of the Remedial Program: The following conclusions were developed based on the data collected during the reporting period:
- Based on the results of the quarterly inspection reports, which verify that the integrity of the cover system is currently satisfactory and vegetation is established within soil/grass areas, the remedy remains protective for direct contact with impacted soils.
  - Elevated concentrations of constituents of concern (COCs) remain at the Site as shown by the data from monitoring well RFI-32; however, the concentrations have decreased significantly since the ORC-A application as part of the remedial effort in 2011. Additionally, following the replacement of RFI-32 and follow up ORC-A application, performed just before the reporting period's third quarter groundwater sample event, VOC concentrations appear to have decreased by an order of magnitude (24,000 ppb to 2,400 ppb).
  - Groundwater flow direction is preventing off Site migration as remaining contamination continues to attenuate. Groundwater flow in the vicinity of the well exhibiting elevated VOC concentrations, RFI-32, is inward to the Area E Site. A figure is included within **Attachment C** which indicates the groundwater flow direction.
- C. Compliance: No areas of non-compliance have been identified.
- D. Recommendations: No changes to the 2011 SMP are currently warranted or recommended. Routine OMM activities will continue in the subsequent reporting period.

## II. Site Overview

- A. Site Location: The Site is located at 85 Lee Street in the City of Buffalo, County of Erie, New York. The Site is an approximate 15.8 acre area bounded by Elk Street to the north, industrial property operated by PVS Chemicals to the south, Lee Street to the east, and Orlando Street to the west. All former buildings and ancillary structures that were located on Area E in connection with the

operation of the former Buffalo Color Corporation plant have been demolished, and the Site is currently vacant. The Site is part of the former Buffalo Color Corporation facility, which also included Areas A, B, and C located to the west and southwest (**Figure 1**). The surrounding area consists of industrial and residential properties.

Originally founded as the Schoellkopf Aniline and Dye Company in 1879, the plant produced dyes and organic chemicals based primarily on aniline and various aniline derivatives. The company was reorganized into the National Aniline Chemical Company in 1916. It became one of the five companies that merged to create Allied Chemical Corporation (Allied Chemical) in 1920. The existing dye-making facility and the right to produce certain dyes and intermediates were sold by Allied Chemical to Buffalo Color Corporation on July 1, 1977. At the time of the sale, the plant was divided into eight areas designated with the letters A, B, C, D, E, F, G, and H. Buffalo Color Corporation purchased the manufacturing areas A through E, while Allied Chemical retained an acid plant (which was subsequently sold to PVS Chemicals in 1981), the research and development facility on Area F, and the parking lots on Areas G (Elk Street) and H (Smith Street). In 2005, Buffalo Color Corporation filed for bankruptcy and ceased manufacturing activity. During the bankruptcy proceedings, some of the facility's production equipment was sold and removed from the Site. In conjunction with the bankruptcy, the office building and former plant hospital located at 100 Lee Street on Area B and the warehouse building (Building 322) located near Elk Street on Area E, along with some of the land under and around those buildings, were sold to other parties. Agreements are in place to preserve access rights to the land for the purposes of any required environmental investigation and remediation activities. The remaining buildings and property on Areas A, B, C, D and E were purchased by SBD in 2008.

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

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

- Excavation and off-Site disposal of approximately 13,600 CY (in-place volume) of VOC-contaminated soils from three locations on the western/southwestern side of Area E to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Excavation and off-Site disposal of soil containing petroleum LNAPL from the southeastern portion of Area E to accomplish mass removal of petroleum LNAPL;
- Utilization of an integrated Site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and rehabilitation of the existing storm sewer system, including replacement of sections with new piping and sealing of existing pipe via installation of cured-in-place piping (CIPP) and sealing of manholes with a chemical-resistant grout to prevent groundwater infiltration;

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

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

Groundwater monitoring activities to assess contaminant levels in shallow Site groundwater, and assess the process of natural attenuation (enhanced through addition of ORC-A to remedial excavation backfill), will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic at an acceptable level over an extended period. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC.

### III. Evaluation of Remedy Performance, Effectiveness and Protectiveness

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

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

During the reporting period, LNAPL interface checks indicated that only one well, MW-E10, presented a measurable separate phase layer; during the fourth quarter monitoring. The LNAPL present was subsequently removed through the installation of absorbent socks before the measurement was repeated for the next quarter.



**AREA E 2012 QUARTERLY LNAPL INTERFACE METER MEASUREMENTS**

Monitoring Wells	2012				2013				2014			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
ICM-PZ-02S	-	-	-	-	-	-	-	-	-	-	-	-
ICM-PZ-03S	0.02	0.06	0.15	0.06	-	-	-	-	-	-	-	-
MW-E08	-	-	-	-	-	-	-	-	-	-	-	-
MW-E09	-	-	-	-	-	-	-	-	-	-	-	-
MW-E10	-	-	-	-	-	-	-	-	-	-	-	0.03
RFI-PZ-17	-	-	-	-	-	-	-	-	-	-	-	-

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

**IV. IC/EC Plan Compliance Report**

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

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

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

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

Compliance with the Site IC/EC's is evaluated through documented quarterly Site and cover system inspections. Site-wide and cover system inspection sheets for the reporting period are provided in **Attachment B**. The only issue noted during the inspections was the leaking storm sewer joint repairs conducted via polyurethane foam injections. Additional, more invasive, repairs are scheduled for the summer months of the subsequent reporting period.

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

**V. Monitoring Plan Compliance Report**

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

- Quarterly Low-Flow shallow groundwater sampling;
- Annual Low-Flow groundwater sampling from wells located adjacent to former LNAPL excavation area;
- Quarterly LNAPL interface measurements from wells located adjacent to former LNAPL excavation area;
- Quarterly storm sewer sampling at manhole DMH-E31, which is located on Area E and is the manhole immediately prior to the Buffalo River outfall; and
- Quarterly Site and cover system inspections.

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

AREA E 2014 MONITORING EVENT COMPLIANCE SUMMARY		QUARTER			
Monitoring Type	Frequency	1st	2nd	3rd	4th
Low-Flow Shallow Groundwater LNAPL Well Sampling	Annual		X		
Low-Flow Shallow Groundwater Well Sampling	Quarterly	X	X	X	X
LNAPL Wells Interface Measurements	Quarterly	X	X	X	X
DMH-E31 Storm Sewer Sampling	Quarterly	X	X	X	X
Site-Wide & Cover System Inspections	Quarterly	X	X	X	X

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

AREA E 2014 GROUNDWATER SAMPLING SUMMARY				QUARTER			
Sample Point	Frequency	Sample Point Type	Monitoring Parameters	1st	2nd	3rd	4th
MW-E08	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
MW-E09	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
MW-E10	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
ICM-PZ-02S	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
ICM-PZ-03S	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
RFI-PZ-17	Annual	Monitoring Well (LNAPL)	TCL VOCs, TCL SVOCs, TAL metals		X		
DMH-E31	Quarterly	Manhole	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
R-10	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
R-11	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-17	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-29	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-32/RFI-32A	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-33	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-51	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-PZ-16	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E03	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E04	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E05	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E06	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
MW-E07	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X

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

- C. Comparisons with Remedial Objectives: Site groundwater analytical results have been tabulated and compared against the established groundwater quality objectives for the Site. Refer to the Evaluation of Remedy Performance, Effectiveness and Protectiveness portion of this report (Section III) for additional information.
- D. Monitoring Deficiencies: No monitoring deficiencies were noted.
- E. Conclusions and Recommendations for Changes: No changes are recommended at this time and routine monitoring will continue in the subsequent reporting period.

## VI. Operations and Maintenance Plan Compliance Report

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

## VII. Overall PRR Conclusions

- A. Compliance with SMP: Activities completed during the reporting period complied with the requirements of the SMP.
- B. Performance and Effectiveness of the Remedy: The cover system is intact as constructed and the Site remedy is decreasing COC concentrations in Site groundwater. Rehabilitation of the Site storm sewer system has reduced COC concentrations from groundwater infiltration into the system.
- C. Future PRR Submittals: It is currently expected that the next PRR will be submitted on or about February 15, 2016.

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

Sincerely,



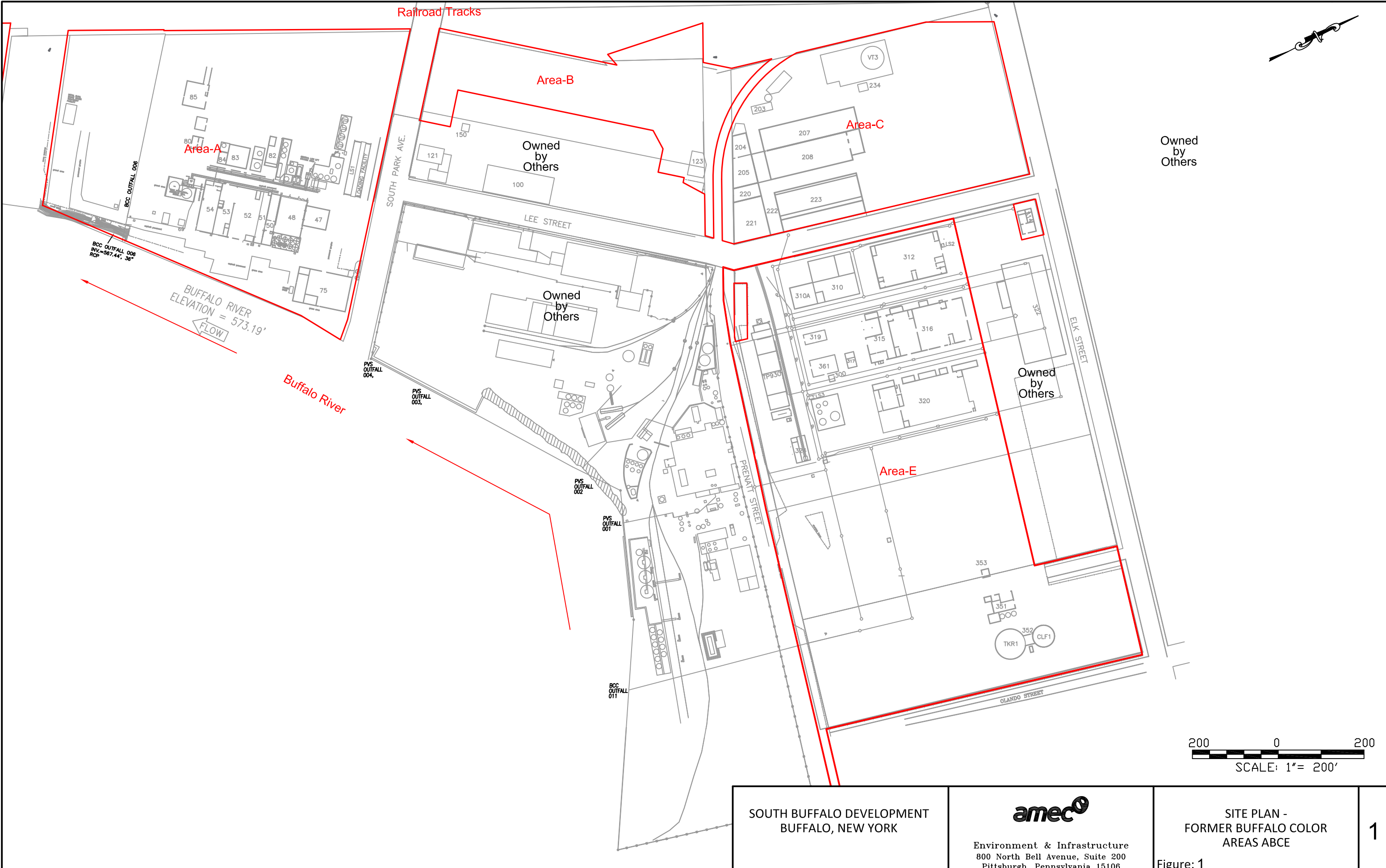
Andrew D. Madden  
Project Manager - *Ontario Specialty Contracting, Inc.*

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

**FIGURE 1**

**FORMER BUFFALO COLOR CORPORATION SITE PLAN**

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



SOUTH BUFFALO DEVELOPMENT  
 BUFFALO, NEW YORK

**amec**<sup>®</sup>  
 Environment & Infrastructure  
 800 North Bell Avenue, Suite 200  
 Pittsburgh, Pennsylvania 15106

SITE PLAN -  
 FORMER BUFFALO COLOR  
 AREAS ABCE

Figure: 1

**ATTACHMENT A**

**PRR NOTICE IC.EC CONTROLS CERTIFICATION FORM**



**Enclosure 2**  
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Site Management Periodic Review Report Notice**  
**Institutional and Engineering Controls Certification Form**



	Site Details	Box 1
<b>Site No.</b> C915232		
<b>Site Name</b> Buffalo Color Corporation Area E Site		
Site Address: 100 Lee Street (f/k/a 85 Lee Street) et. al.	Zip Code: 14210	
City/Town: Buffalo		
County: Erie		
Site Acreage: 15.8		
Reporting Period: April 02, 2014 to January 01, 2015		
		YES    NO
1. Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.</b>		
5. Is the site currently undergoing development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<b>Box 2</b>
		YES    NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>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.</b>		
<b>A Corrective Measures Work Plan must be submitted along with this form to address these issues.</b>		
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

YES NO

**If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.**

9. Are the assumptions in the Qualitative Exposure Assessment still valid?  
(The Qualitative Exposure Assessment must be certified every five years)

**If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.**

**SITE NO. C915232**

**Description of Institutional Controls**



<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
<b>122.12-1-12.1</b>	Jon Williams	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management Plan includes: <ul style="list-style-type: none"> <li>- 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).</li> <li>- 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.</li> <li>- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,</li> <li>- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.</li> </ul>		
<b>122.12-1-30</b>	Jon Williams	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management Plan includes: <ul style="list-style-type: none"> <li>- 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).</li> <li>- 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.</li> <li>- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,</li> <li>- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.</li> </ul>		
<b>122.12-1-31</b>	Jon Williams	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management Plan includes: <ul style="list-style-type: none"> <li>- 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).</li> <li>- 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.</li> <li>- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,</li> <li>- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.</li> </ul>		
<b>122.12-1-9.11</b>	Jon Williams	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management Plan includes: <ul style="list-style-type: none"> <li>- An Institutional Controls Plan. Institutional controls at the site will include groundwater</li> </ul>		

use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes).

- A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

**122.12-1-9.13**

Jon Williams

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

Ground Water Use Restriction  
 Soil Management Plan

The Site Management Plan includes:

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

**Description of Engineering Controls**

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

**Periodic Review Report (PRR) Certification Statements**

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

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

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES NO

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

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

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

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

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

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

YES NO

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

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

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

**IC CERTIFICATIONS  
SITE NO. C915232**

**Box 6**

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

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

I \_\_\_\_\_ at \_\_\_\_\_,  
print name print business address

am certifying as \_\_\_\_\_ (Owner or Remedial Party)

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

\_\_\_\_\_  
Signature of Owner, Remedial Party, or Designated Representative

\_\_\_\_\_  
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.

I DANIEL FORLASTRO at AMEC FOSTER WHEELER  
print name print 800 N. BELL AVE., SUITE 200, CARNEGIE, PA business address 15106

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

*[Handwritten Signature]*

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



*[Handwritten Date]*

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.

I DANIEL FORLASTRO at AMEC FOSTER WHEELER  
print name print 800 N. BELL AVE., SUITE 200, CARNEGIE, PA business address 15106

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

*[Handwritten Signature]*

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



*[Handwritten Date]*

Date

**ATTACHMENT B**  
**SITE INSPECTIONS**

Pre-Inspection Data			Area E Cover System & Site-Wide Compliance Inspection																
Associate	Date	Weather				Site Conditions		Cover System (OK / Comment)					Site-Wide Compliance (OK / Comment)				Area E Additional Notes		
		Cloud Cover (Clear / Pt. Cloudy / Overcast)	Precipitation (None / Rain / Snow / Hail)	Lightning (Yes / No)	Wind (Calm / Moderate / Strong)	Temperature Range (+/- 10 Deg F Range)	Ground Surface (Dry / Damp / Wet)	Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)	Area E Soil Cover Integrity	Area E Grass / Vegetation	Area E Gravel Cover Integrity	Area E Outdoor Paved Areas	Area E Occupied Basement Slabs	Area E Storm Drainage System & Structures	Area E Groundwater Monitoring Program	Area E Site Records		Area E Active Site Permits	Area E O&M Schedule
Tom Wagner (TW) & Andrew Madden (AM)	Wed 3/12/2014	Pt. Cloudy	None	No	Moderate	15	Dry	MID	OK	OK	OK	None	Scheduling polyurethane sealant injection contractor to fix Armor leak	OK	None	OK	OK	OK	Scheduling polyurethane sealant injection contractor to storm sewer pipe joint leak in Armor Electric parking lot. Repair expected to be completed in April.
Tom Wagner (TW) & Andrew Madden (AM)	Thu 5/22/2014	Pt. Cloudy	None	No	Calm	60	Damp	None	OK	OK	OK	None	Monitoring results of Armor storm sewer leak fix	OK	None	OK	OK	OK	Polyurethane sealant injection at storm sewer pipe joint leak in Armor Electric parking lot was completed in early April. Monitoring system for final results following repair.
Tom Wagner (TW) & Andrew Madden (AM)	Wed 9/17/2014	Clear	None	No	Calm	60	Dry	None	OK	OK	OK	None	Monitoring results of Armor storm sewer leak fix	OK	None	OK	OK	OK	Polyurethane sealant injection at storm sewer pipe joint leak in Armor Electric parking lot was completed in early April. Monitoring system for final results following repair.
Tom Wagner (TW) & Andrew Madden (AM)	Fri 12/19/2014	Clear	None	No	Calm	25	Dry	HI	OK	OK	OK	None	Storm sewer joint visually inspected and found to still be leaking	OK	None	OK	OK	OK	Heavy snow covering site. Recent storm sewer analytical indicates groundwater was still entering within the Armor storm sewer. Visual inspection of recently repaired pipe joint indicated leak was still present. Leaking joint will be excavated and physically replaced/repared in the summer.



**ATTACHMENT C**  
**GROUNDWATER DATA TABLES AND FIGURES**

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
R-10	10/10 - 1/11	Not Sampled						
	3/30/2012	<5	<5	<5	<5	<5	0	0
	6/28/2012	<5	<5	<5	<5	<5	0	0.67
	9/13/2012	<5	<5	<5	<5	<5	0	0
	11/29/2012	<5	<5	<5	<5	<5	0	0
	3/24/2013	<5	<5	<5	<5	<5	0	0
	6/4/2013	<1	<1	<1	<1	<1	0.53	0
	9/9/2013	<1	<1	<1	<1	<1	0.54	0
	11/25/2013	<1	<1	<1	<1	<1	1	0
	3/24/2014	<1	<1	<1	<1	<1	0.37	0
	6/24/2014	<1	<1	<1	<1	<1	3.8	8.93
	9/8/2014	<1	<1	<1	<1	<1	4.27	0
	11/10/2014	<1	<1	<1	<1	<1	1.3	3.6
	11/18/2009	<5	<5	<5	<5	<5	20	0.41
R-11	10/10 - 1/11	ORC-A Application						
	3/30/2012	<5	<5	<5	<5	<5	0	0
	6/28/2012	<5	<5	<5	<5	<5	20	NA
	9/13/2012	<5	<5	<5	<5	<5	0	0
	11/29/2012	<5	<5	<5	<5	<5	0	0
	3/23/2013	<5	<5	<5	<5	<5	0	0
	6/4/2013	<1	<1	<1	<1	<1	10	1.7
	9/6/2013	<1	<1	<1	<1	<1	10	4.8
	11/25/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	4.8	0
	6/23/2014	<1	<1	<1	<1	<1	3.7	3.29
	9/9/2014	<1	<1	<1	<1	<1	4.3	0
	11/10/2014	<1	<1	<1	<1	<1	8.6	3.9
	11/17/2009	1.1	<1	<1	<1	1.3	2.4	0
RFI-17	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	1.1	30	31.1	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/13/2012	<1	<1	<1	<1	<1	0	0
	11/30/2012	<1	<1	<1	<1	<1	0	0
	3/24/2013	<1	<1	<1	<1	<1	0	0
	6/4/2013	<1	<1	<1	<1	<1	0	0
	9/6/2013	<1	<1	<1	<1	<1	0	0
	11/25/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	0	0.75
	6/24/2014	<1	<1	<1	<1	1.2	1.2	0.23
	9/8/2014	<1	<1	<1	<1	<1	0	39
	11/11/2014	<1	<1	<1	<1	<1	0	3.68
	11/17/2009	3	1.1	5.2	<1	14	23.3	0.42
RFI-29	10/10 - 1/11	ORC-A Application						
	3/30/2012	1.8	<1	2.9	<1	7.7	12.4	0
	6/28/2012	3	1.1	5.8	<1	17	26.9	0.6
	9/12/2012	3	0.98 J	5.2	<1	16	25.18	0
	11/28/2012	1.6	<1	2.4	<1	7.5	11.5	0.91
	3/24/2013	1.8	<1	3.2	<1	7.2	12.2	0
	6/4/2013	2.1	<1	3.5	<1	11	16.6	0
	9/9/2013	2.2	<1	3.6	<1	12	17.8	0.6
	11/25/2013	1.9	<1	3.4	<1	13	18.3	0
	3/25/2014	1.8	<1	3.8	<1	9.3	14.9	0
	6/24/2014	2.3	<1	4.4	<1	14	20.7	0
	9/9/2014	3	1	5.4	<1	15	24.4	0
	11/11/2014	1.9	<1	2.8	<1	9.8	14.5	2.86

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
RFI-32	11/20/2009	<100	<100	49 J	420	28000	28469	37.95
	10/10 - 1/11	ORC-A Application						
	3/30/2012	20	3.7	48	700	30000	30776.12	0
	6/28/2012	<500	<500	<500	430 J	28000	28430	15.2
	9/12/2012	<500	<500	<500	370 J	27000	27370	5.15
	11/29/2012	<200	<200	<200	260	16000	16260	15
	3/23/2013	<200	<200	<200	480	29000	29480	10.82
	6/4/2013	<500	<500	<500	480	27000	27480	14
	9/6/2013	<500	<500	<500	450	32000	32450	13.3
	11/26/2013	<250	<250	<250	280	18000	18280	12.5
	3/25/2014	<250	<250	<250	500	30000	30500	20.92
	6/18/2014	ORC Application						
	6/23/2014	<500	<500	<500	330 J	24000	24740	15.11
	9/9/2014	<40	<40	<40	<40	2400	2400	23
11/10/2014	<20	<20	<20	<20	1200	1200	39.3	
RFI-33	11/18/2009	<1	<1	<1	<1	<1	0	0.53
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	9.4	9.4	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/30/2012	<1	<1	<1	<1	<1	0	0.35
	3/26/2013	<1	<1	<1	<1	<1	0	0
	6/5/2013	<1	<1	<1	<1	<1	0	2.1
	9/9/2013	<1	<1	<1	<1	<1	0	0
	11/26/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	0	8.5
	6/24/2014	<1	<1	<1	<1	<1	0	0.23
	9/8/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	3.7
RFI-51	11/19/2009	0.56	<1	<1	<1	1.7	2.26	0
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0.93
	11/28/2012	<1	<1	<1	<1	<1	0	0
	3/25/2013	<1	<1	<1	<1	<1	0	0
	6/3/2013	<1	<1	<1	<1	<1	0	0
	9/10/2013	<1	<1	<1	<1	<1	0	0
	11/27/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	0	0
	6/25/2014	<1	<1	<1	<1	<1	0	0
	9/10/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	2.8
RFI-PZ-16		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/28/2012	<1	<1	<1	<1	<1	0	0
	3/26/2013	<1	<1	<1	<1	<1	0	0
	6/5/2013	<1	<1	<1	<1	<1	0	0
	9/10/2013	<1	<1	<1	<1	<1	0	0
	11/27/2013	<1	<1	<1	<1	<1	0	0
	3/25/2014	<1	<1	<1	<1	<1	0	0
	6/24/2014	<1	<1	<1	<1	<1	3.6	0
	9/10/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	2.9

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
MW-E03	11/20/2009	<1	<1	<1	<1	1.4	1.4	0.44
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	1.7	40	41.7	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/29/2012	<1	<1	<1	<1	<1	0	0.37
	3/23/2013	<1	<1	<1	<1	<1	0	0
	6/4/2013	<1	<1	<1	<1	<1	0	0
	9/6/2013	<1	<1	<1	<1	<1	0	0
	11/25/2013	<1	<1	<1	<1	<1	0	0
	3/25/2014	<1	<1	<1	<1	<1	0	0
	6/23/2014	<1	<1	<1	<1	<1	3.3	0.61
	9/9/2014	<1	<1	<1	<1	<1	0	0
11/10/2014	<1	<1	<1	<1	<1	0	4.4	
MW-E04	11/20/2009	0.55	<1	<1	<1	0.8	1.83	440*
	10/10 - 1/11	ORC-A Application						
	3/30/2012	No Sample Collected - Well Destroyed						
	6/28/2012	<4	<4	<4	<4	<4	15.6	124*
	9/12/2012	<4	<4	<4	<4	<4	0	3.48
	11/29/2012	<1	<1	<1	<1	<1	0	28.41
	3/24/2013	2.8	<1	<1	<1	1.4	7.5	5200
	6/4/2013	2	<1	<1	<1	1.1	4.07	3513
	9/9/2013	2.3	<1	<1	<1	1.9	5.71	2420
	11/25/2013	1.4	<1	<1	<1	1.6	3.73	5806
	3/24/2014	1.9	<1	<1	<1	1.2	4.94	4100
	6/24/2014	5.8	<1	1.2	<1	3.4	15.2	13100
	9/8/2014	2.1	<1	<1	<1	0.94	4.46	562.8
11/10/2014	<1	<1	<1	<1	<1	0	4.26	
MW-E05		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	0.56 J	110	110.56	0
	6/28/2012	<1	<1	<1	<1	51	51	0
	9/11/2012	<1	<1	<1	<1	9.8	9.8	0
	11/28/2012	<1	<1	<1	<1	3.9	3.9	0
	3/25/2013	<1	<1	<1	<1	9.3	9.3	0
	6/3/2013	<1	<1	<1	<1	6.3	6.3	0
	9/9/2013	<1	<1	<1	<1	18	18	0
	11/26/2013	<1	<1	<1	<1	2.7	2.7	0
	3/25/2014	<1	<1	<1	<1	3.1	3.1	0
	6/24/2014	<1	<1	<1	<1	17	17	0.22
	9/9/2014	<1	<1	<1	<1	1.4	1.4	0
11/11/2014	<1	<1	<1	<1	3.2	3.2	4.5	
MW-E06		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	0.76 J	0.76	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/11/2012	0.87 J	<1	<1	<1	<1	0.87	0
	11/28/2012	<1	<1	<1	<1	<1	0	0
	3/25/2013	<1	<1	<1	<1	<1	0	0
	6/3/2013	<1	<1	<1	<1	<1	0	0
	9/9/2013	<1	<1	<1	<1	<1	0	0
	11/26/2013	<1	<1	<1	<1	<1	0	0
	3/25/2014	<1	<1	<1	<1	<1	0	0
	6/25/2014	<1	<1	<1	<1	<1	0	0.24
	9/9/2014	<1	<1	<1	<1	<1	0	0
11/11/2014	<1	<1	<1	<1	<1	0	4.9	

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	-	-
MW-E07	10/10 - 1/11	Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	34.51
	6/28/2012	<1	<1	<1	<1	<1	0	77.27
	9/11/2012	<1	<1	<1	<1	<1	0	45.95
	11/27/2012	<1	<1	<1	<1	<1	0	45.02
	3/25/2013	<1	<1	<1	<1	<1	0	79.22
	6/3/2013	<1	<1	<1	<1	<1	0	26.08
	9/10/2013	<1	<1	<1	<1	<1	0	54.73
	11/27/2013	<1	<1	<1	<1	<1	0	25.6
	3/25/2014	<1	<1	<1	<1	<1	0	33.1
	6/24/2014	<1	<1	<1	<1	<1	3.1	10.73
	9/10/2014	<1	<1	<1	<1	<1	0	40.1
11/11/2014	<1	<1	<1	<1	<1	0	37.79	
MW-E08	10/10 - 1/11	Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/5/2013	<4	<4	<4	<4	<4	3.3	0
6/26/2014	<1	<1	<1	<1	<1	0	0	
MW-E09	10/10 - 1/11	Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/6/2013	<1	<1	<1	<1	<1	0	0
6/26/2014	<1	<1	<1	<1	<1	0	0	
MW-E10	10/10 - 1/11	Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<5	<5	<5	<5	<5	0	1.9
	6/6/2013	<1	<1	<1	<1	<1	3.4	2.47
6/26/2014	<1	<1	<1	<1	<1	6.3	0	
ICM-PZ-02S	10/10 - 1/11	Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/5/2013	<4	<4	<4	<4	<4	0	3.4
6/26/2014	<1	<1	<1	<1	<1	5.4	0	
ICM-PZ-03S	10/10 - 1/11	Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	3.8	0
	6/5/2013	<4	<4	<4	<4	<4	0	2.9
6/26/2014	<1	<1	<1	<1	<1	5	6.7	
RFI-PZ-17	11/20/2009	<5	<5	<5	<5	<5	0	2.8
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	<1	0	0
	6/5/2013	<4	<4	<4	<4	<4	0	0
6/26/2014	<1	<1	<1	<1	<1	4.1	0.5	

Notes:

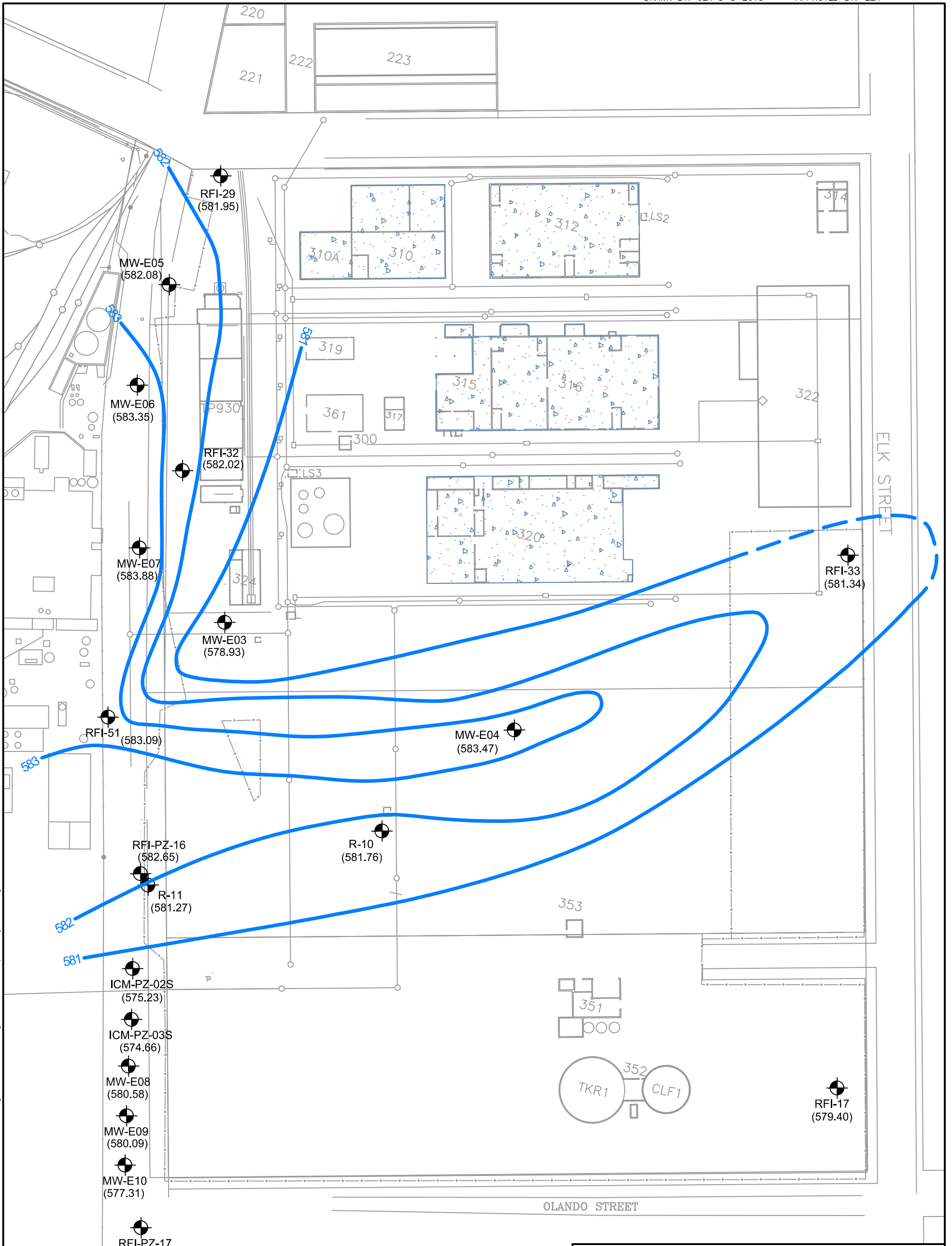
\*\* - Results compared to NYDEC Class GA water quality standards

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



Results are shown in ug/L.

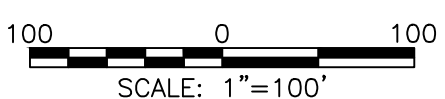
Blue cells indicate groundwater monitoring events completed prior to the application of ORC-A.

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



LEGEND

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



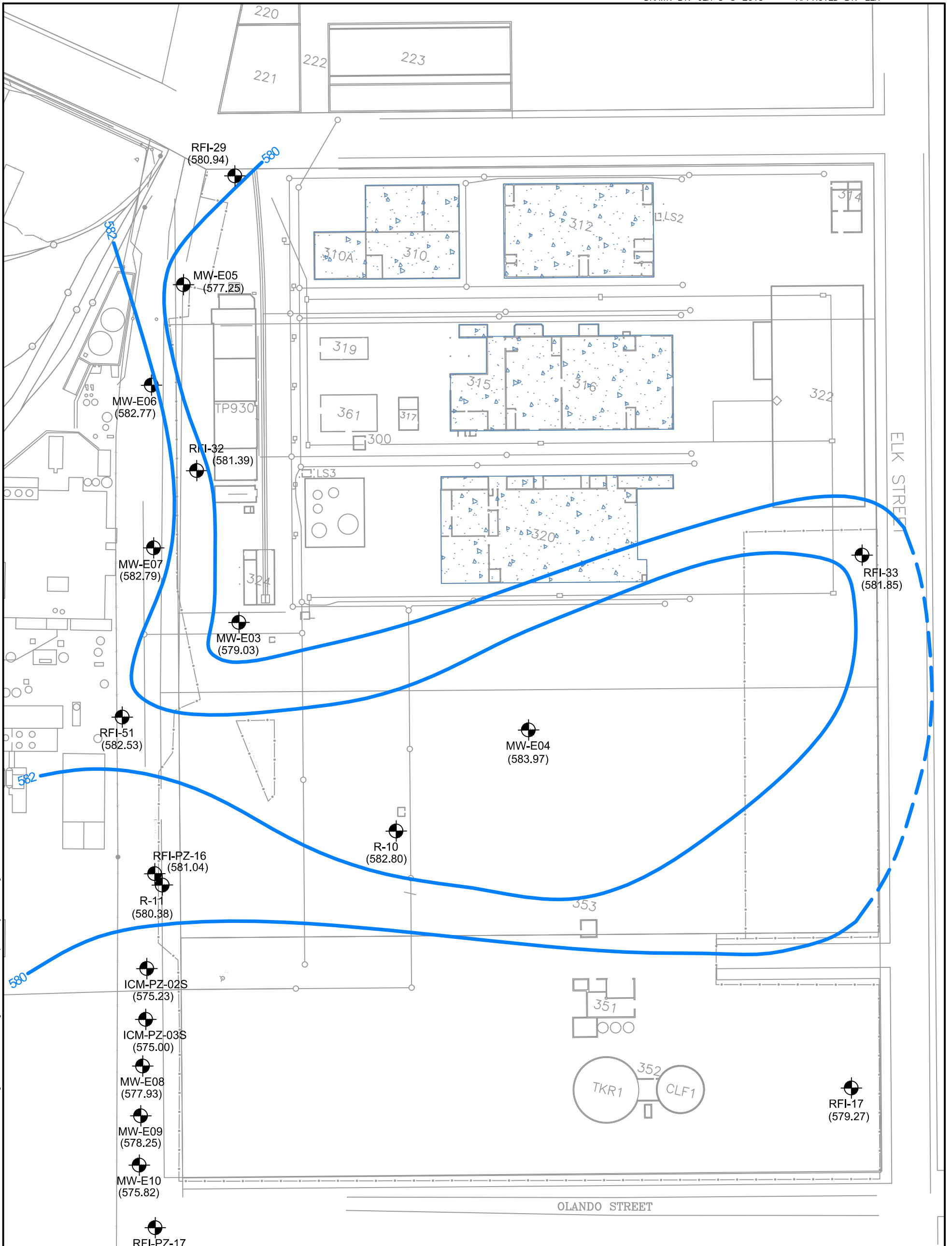
SOUTH BUFFALO DEVELOPMENT  
 BUFFALO, NEW YORK  
 Project No.: 3410110843



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

FIRST QUARTER 2014  
 GROUNDWATER  
 MONITORING EVENT  
 GROUNDWATER ELEV CONTOURS  
 BUFFALO COLOR AREA - E  
 Figure: 1

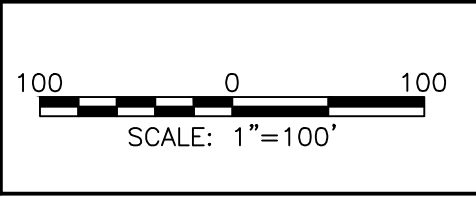
Z:\Projects\South Buffalo Development\Sheets\16 FIGURE 1 - E FIRST QUARTER.dwg Mon, 17 Aug 2015 - 4:28pm jamie.rogers



Z:\Projects\South Buffalo Development\Sheets\17 FIGURE 1 - E SECOND QUARTER.dwg Mon, 17 Aug 2015 - 4:27pm jamie.rodgers

**LEGEND**

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

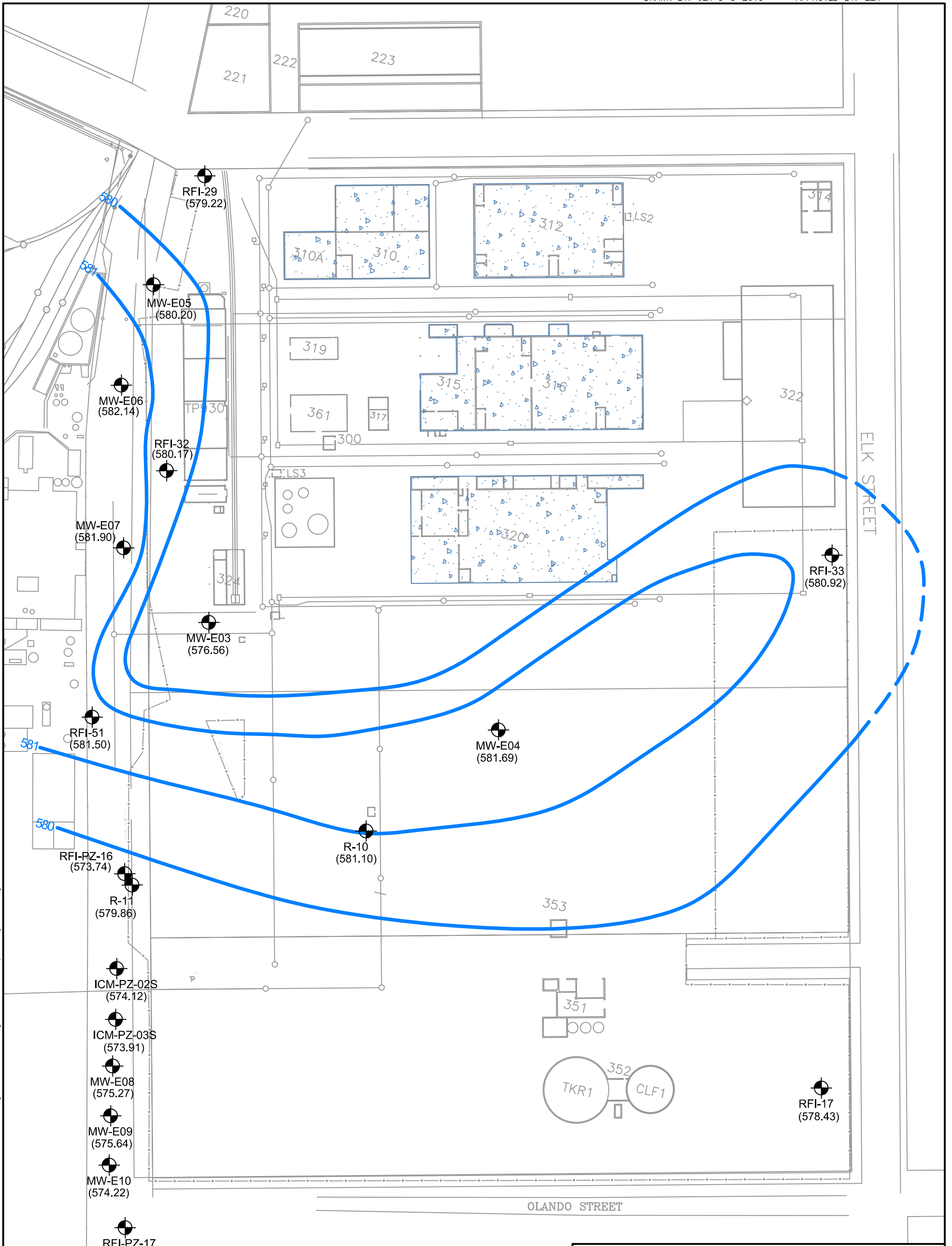


**SOUTH BUFFALO DEVELOPMENT**  
 BUFFALO, NEW YORK  
 Project No.: 3410110843

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

SECOND QUARTER 2014  
 GROUNDWATER  
 MONITORING EVENT  
 GROUNDWATER ELEV CONTOURS  
 BUFFALO COLOR AREA - E  
 Figure: 1

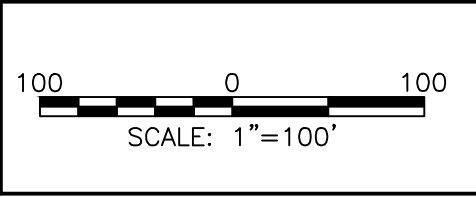




Z:\Projects\South Buffalo Development\Sheets\18 FIGURE 1 - E THIRD QUARTER.dwg Mon, 17 Aug 2015 - 4:27pm jamie.rogers

**LEGEND**

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



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



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

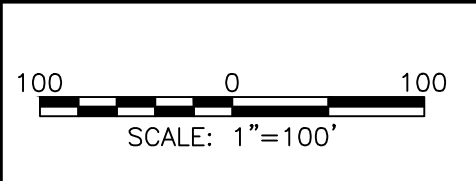
THIRD QUARTER 2014  
 GROUNDWATER  
 MONITORING EVENT  
 GROUNDWATER ELEV CONTOURS  
 BUFFALO COLOR AREA - E  
 Figure: 1





**LEGEND**

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



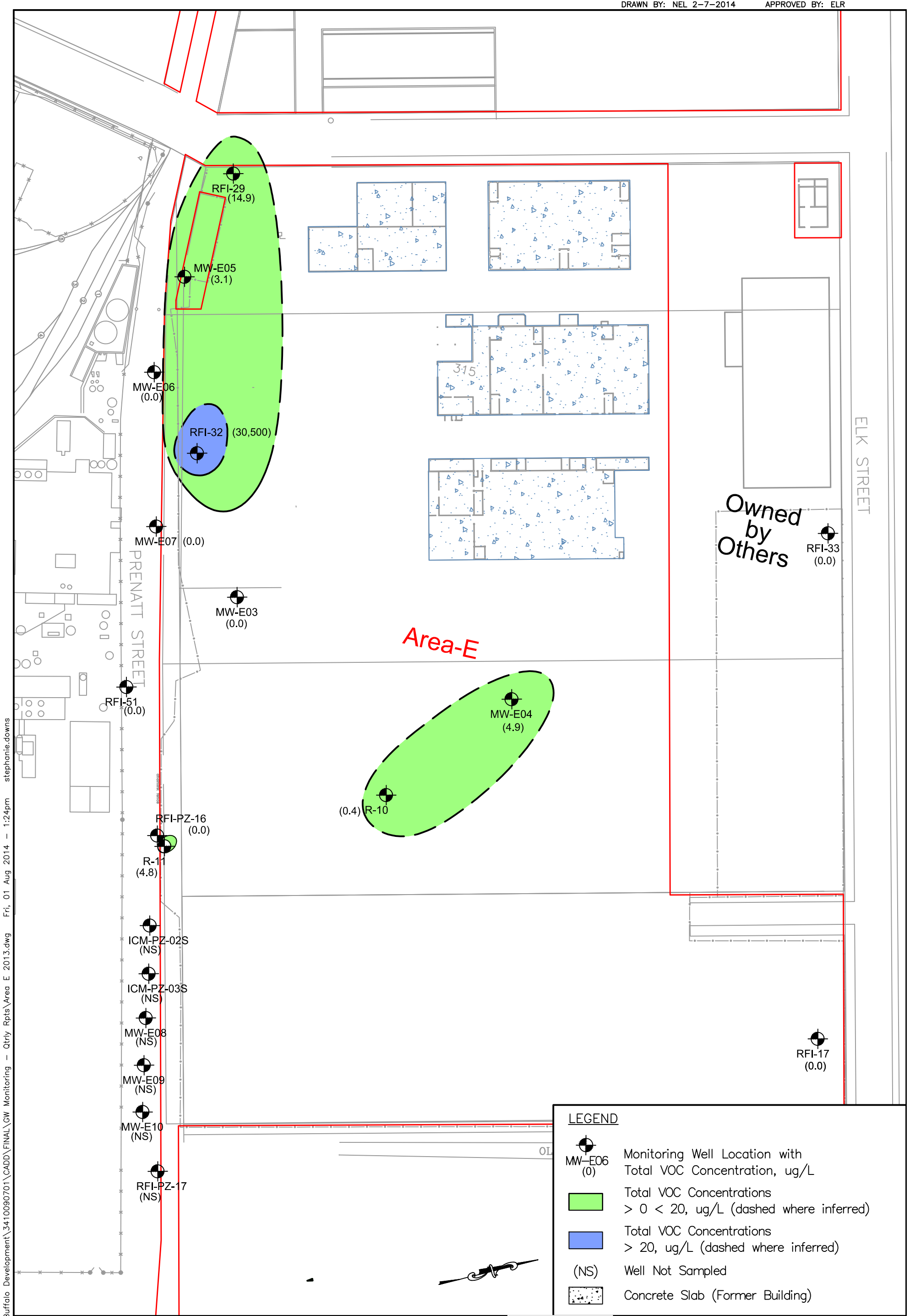
**SOUTH BUFFALO DEVELOPMENT**  
 BUFFALO, NEW YORK  
 Project No.: 3410110843



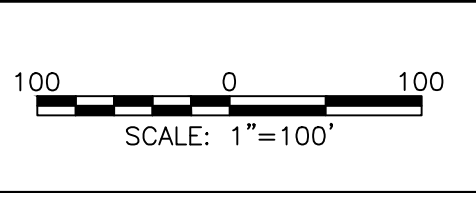
Environment & Infrastructure - Pittsburgh  
 800 North Bell Avenue  
 Carnegie, Pennsylvania 15106

FOURTH QUARTER 2014  
 GROUNDWATER  
 MONITORING EVENT  
 GROUNDWATER ELEV CONTOURS  
 BUFFALO COLOR AREA - E  
 Figure: 1

Z:\Projects\South Buffalo Development\Sheets\19 FIGURE 1 - E FOURTH QUARTER.dwg Mon, 17 Aug 2015 - 4:26pm jamie.rogers



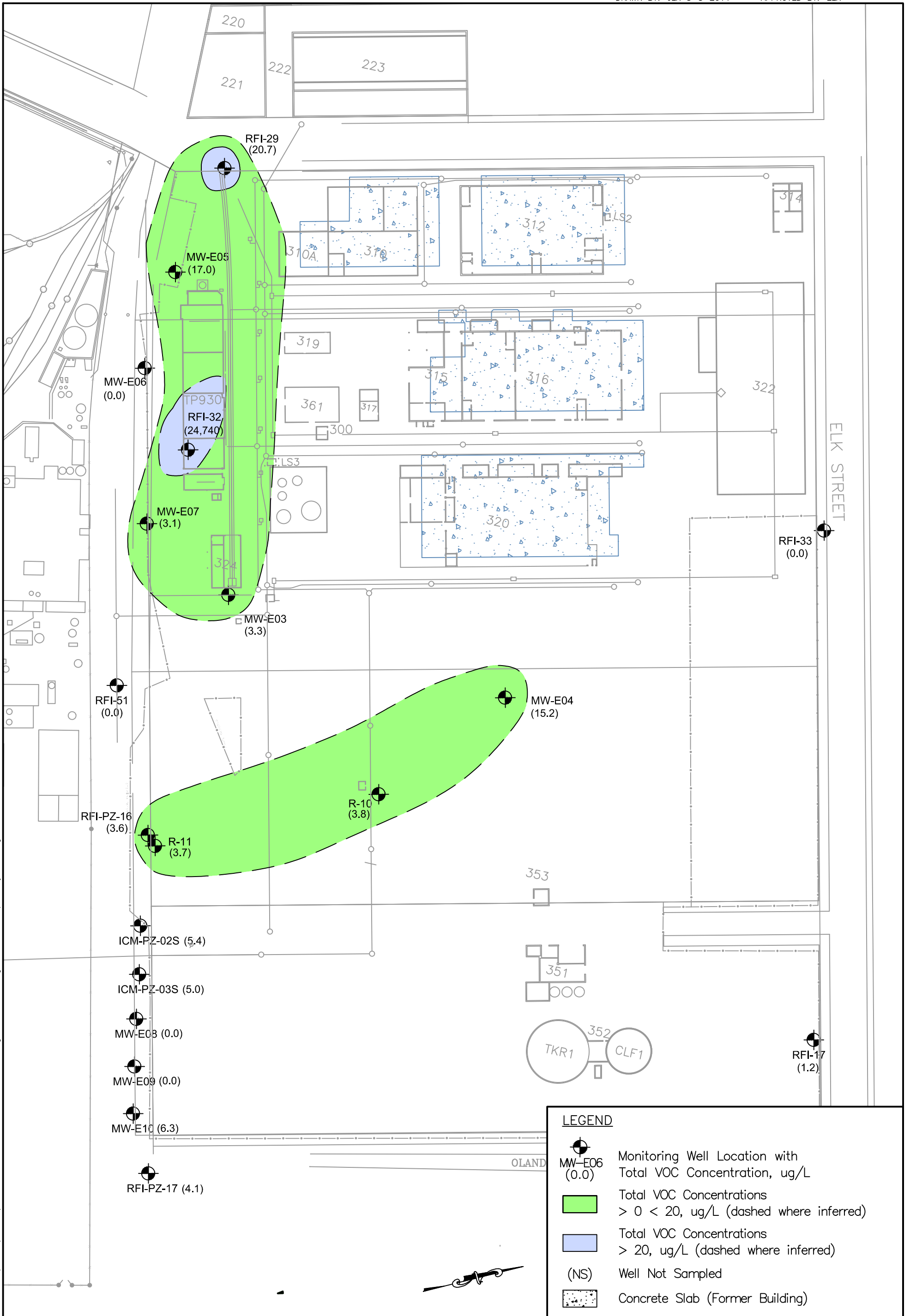
P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\GW Monitoring - Qtrly Rpts\Area E. 2013.dwg Fri, 01 Aug 2014 - 1:24pm stephanie.downs



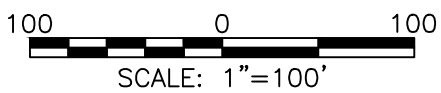
SOUTH BUFFALO DEVELOPMENT  
 BUFFALO, NEW YORK  
 Project No.: 3410110843



FIRST QUARTER 2014  
 GROUNDWATER  
 MONITORING EVENT  
 TOTAL VOC CONCENTRATIONS  
 BUFFALO COLOR AREA - E  
 Figure: 1



Z:\Projects\South Buffalo Development\Sheets\20 FIGURE 2 - E SECOND QUARTER.dwg Mon, 17 Aug 2015 - 4:26pm jamie.roddgers



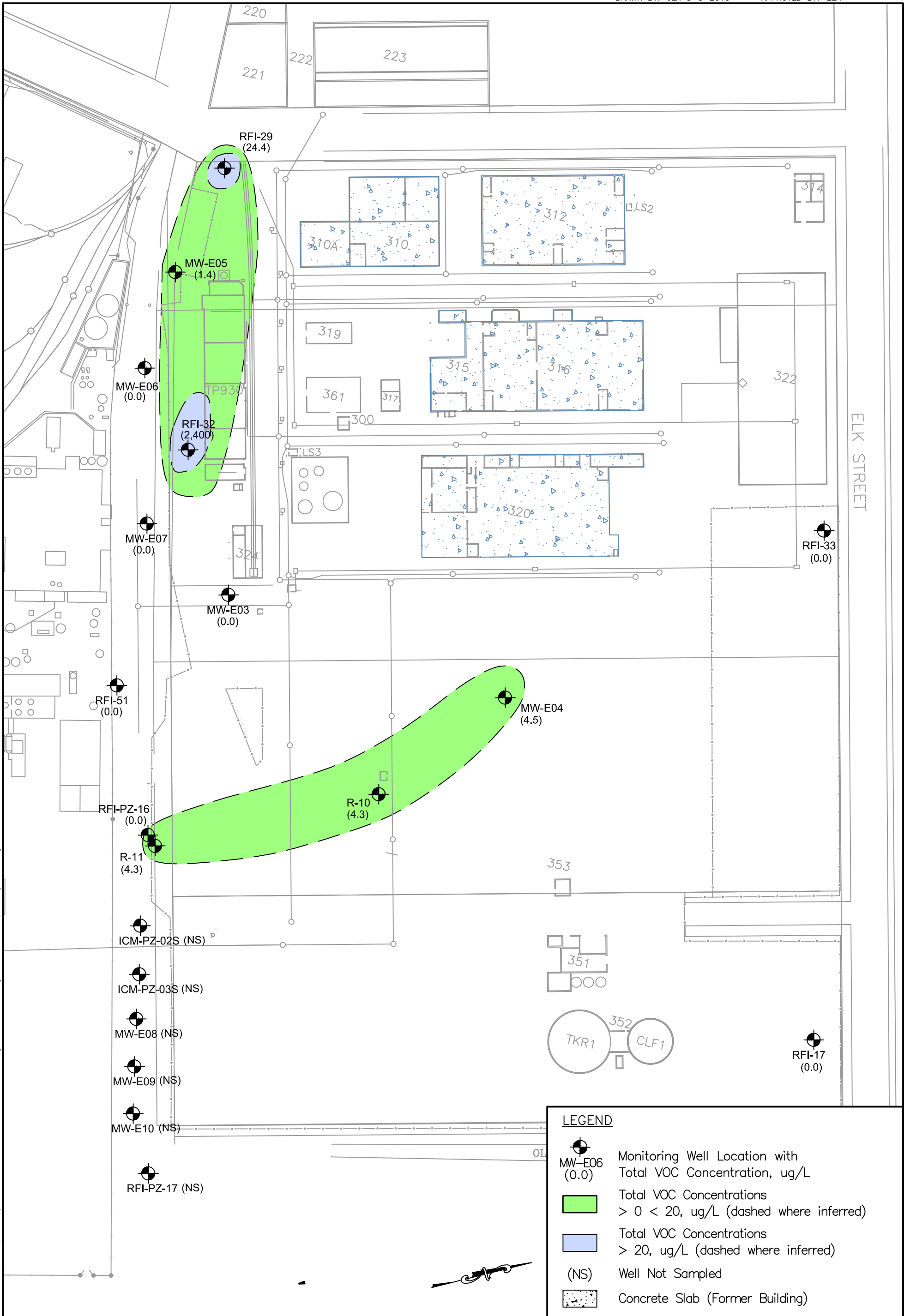
SOUTH BUFFALO DEVELOPMENT  
BUFFALO, NEW YORK

Project No.: 3410110843



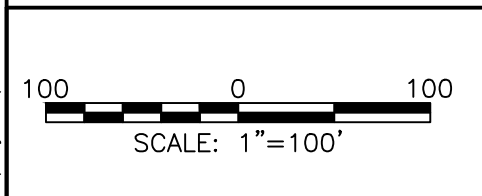
Environment & Infrastructure - Pittsburgh  
800 North Bell Avenue  
Carnegie, Pennsylvania 15106

SECOND QUARTER 2014  
GROUNDWATER  
MONITORING EVENT  
TOTAL VOC CONCENTRATIONS  
BUFFALO COLOR AREA - E  
Figure: 2



**LEGEND**

- MW-E06 (0.0) Monitoring Well Location with Total VOC Concentration, ug/L
- Total VOC Concentrations > 0 < 20, ug/L (dashed where inferred)
- Total VOC Concentrations > 20, ug/L (dashed where inferred)
- (NS) Well Not Sampled
- Concrete Slab (Former Building)



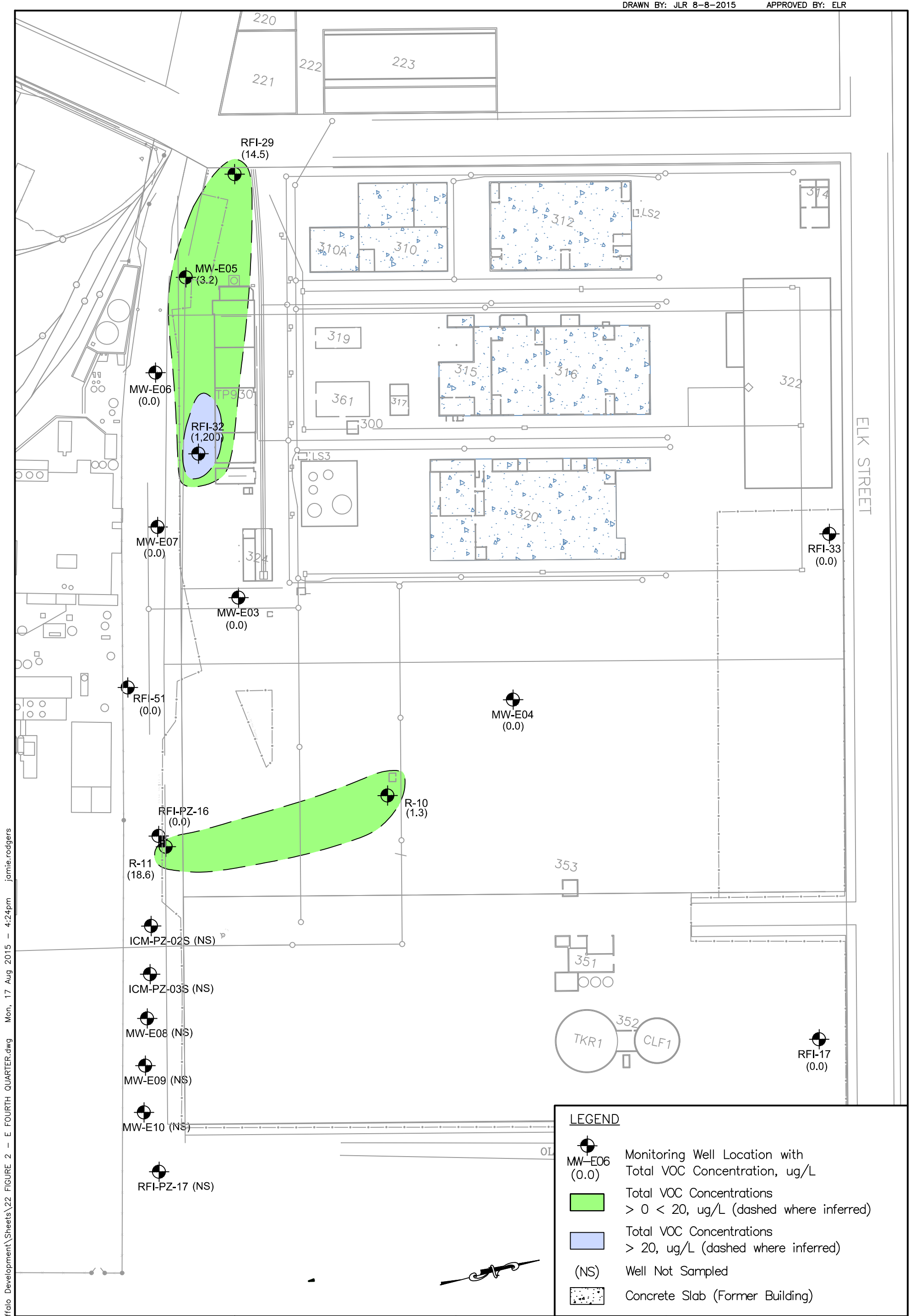
SOUTH BUFFALO DEVELOPMENT  
 BUFFALO, NEW YORK  
 Project No.: 3410110843



THIRD QUARTER 2014  
 GROUNDWATER  
 MONITORING EVENT  
 TOTAL VOC CONCENTRATIONS  
 BUFFALO COLOR AREA - E  
 Figure: 2

Z:\Projects\South Buffalo Development\Sheets\21 FIGURE 2 - E THIRD QUARTER.dwg Mon, 17 Aug 2015 4:25pm jamie.rodgers

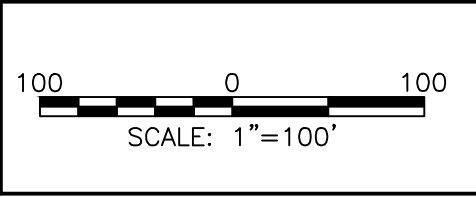




**LEGEND**

- MW-E06 (0.0) Monitoring Well Location with Total VOC Concentration, ug/L
- Total VOC Concentrations > 0 < 20, ug/L (dashed where inferred)
- Total VOC Concentrations > 20, ug/L (dashed where inferred)
- (NS) Well Not Sampled
- Concrete Slab (Former Building)

Z:\Projects\South Buffalo Development\Sheets\22 FIGURE 2 - E FOURTH QUARTER.dwg Mon, 17 Aug 2015 - 4:24pm jamie.roddgers



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



FOURTH QUARTER 2014  
GROUNDWATER  
MONITORING EVENT  
TOTAL VOC CONCENTRATIONS  
BUFFALO COLOR AREA - E  
Figure: 2

**ATTACHMENT D**  
**DATA USABILITY SUMMARY REPORTS**

# DATA VALIDATION SUMMARY REPORT AREA E 2014 QUARTERLY GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA E  
BUFFALO, NEW YORK

*Prepared for*

**Honeywell**

101 Columbia Road  
Morristown, New Jersey 07962

*Prepared by*



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

**MARCH 2015**

## TABLE OF CONTENTS

<b>1.0 INTRODUCTION .....</b>	<b>1</b>
<b>2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS.....</b>	<b>3</b>
2.1 Volatile Organic Compounds.....	3
2.1.1 March Event.....	3
2.1.2 June Event .....	4
2.1.3 September Event.....	4
2.1.4 November Event.....	4
2.2 Semi Volatile Organic Compounds .....	4
2.2.1 March Event.....	5
2.2.2 June Event .....	5
2.2.3 September Event.....	6
2.2.4 November Event.....	7
2.3 Metals .....	8
2.3.1 March Event.....	8
2.3.2 June Event .....	8
2.3.3 September Event.....	9
2.3.4 November Event.....	9
<b>3.0 REFERENCES:.....</b>	<b>10</b>
<b>4.0 LIST OF ACRONYMS AND ABBREVIATIONS.....</b>	<b>11</b>

### 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 March, June, September, and November 2014. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data packages 480-56590-1, 480-62670-1, 480-62785-1, 480-67020-1, and 480-71259-1. 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 6010C
- Mercury by USEPA Method 7470A

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

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

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

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

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

U = The target compound was not detected at concentrations greater than the quantitation limit.

J = The reported concentration is considered an estimated value.

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

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

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

BL1=Result qualified due to laboratory blank

LCSL=LCS recovery less than the lower criteria limit

LCSDL=LCS duplicate recovery less than the lower limit

MSL=Matrix spike recovery less than the lower limit

MSDL=Matrix spike duplicate recovery less than the lower limit

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

## 2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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

### 2.1 VOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

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

No QC issues were identified.

#### 2.1.1 March Event

##### Reporting Limits

A sample was analyzed at a dilution. Reporting limits for target compounds in the following sample are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BBC_AREA E RFI-32_0314	480-56590-5	SW8270	250

**2.1.2 June Event**Reporting Limits

A sample was analyzed at a dilution. Reporting limits for target compounds in the following sample are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC_Area_E_RFI-32_0614	480-62670-10	SW8260	500

**2.1.3 September Event**Reporting Limits

A sample was analyzed at a dilution. Reporting limits for target compounds in the following sample are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area E RFI-32_090914	480-67020-10	SW8260	40

**2.1.4 November Event**Reporting Limits

A sample was analyzed at a dilution. Reporting limits for target compounds in the following sample are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area E RFI-32_1114	480-71259-1	SW8260	20

**2.2 SEMI VOLATILE ORGANIC COMPOUNDS**

The data were evaluated based on the following parameters:

- \* Collection and Preservation
- \* Holding Times
- Blanks
- LCS
- MS/MSD

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

### 2.2.1 March Event

#### LCS

The LCS/LCSD percent recoveries for benzaldehyde (40) and caprolactam (19) and hexachloroethane (46) in batch 172167 were less than the QC limit of 50, which may indicate low bias. Benzaldehyde, caprolactam and hexachloroethane were not detected in associated samples and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code LCSL.

#### MS/MSD

MS/MSD analyses were completed using sample BBC\_AREA E RFI-17\_0314. The MS/MSD percent recoveries for benzaldehyde (36/40), caprolactam (16/16) and hexachloroethane (40/41) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC Area E DMH-E31\_0314 and were qualified as estimated (J/UJ). A summary of qualified sample results is presented on Table 3 with reason code MSL/MSDL.

#### Reporting Limits

One sample was analyzed at a dilution. Reporting limits for target compounds in the following sample is elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC_AREA E MW-E04_0314	480-56590-10	SW8270	20

### 2.2.2 June Event

#### Blanks

Diethyl phthalate (0.276 µg/L), fluoranthene (0.648 µg/L) and phenanthrene (1.61 µg/L) were detected below the reporting limit in batches 194599 and 194530 in the method

blank. An action limit was established at ten times for diethyl phthalate and five times the reported blank concentration for fluoranthene and phenanthrene. Diethyl phthalate, fluoranthene and phenanthrene results in associated samples were qualified as non-detected (U) at the reporting limit with reason code BL1.

### LCS

The LCS and/or LCSD percent recoveries for caprolactam (19,42,41) and 4-chloroaniline (47,26,30) in batches 189935 and 190493 were less than the QC limit of 50, which may indicate low bias. Caprolactam and 4-chloroaniline were not detected in associated samples and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code LCSL and/or LCSDL.

### MS/MSD

MS/MSD analyses were completed using sample BCC\_Area\_E\_MW-E03\_0614. The MS/MSD percent recoveries for caprolactam (16/17) and 4-chloroaniline (42/49) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC\_Area\_E\_MW-E03\_0614 and the associated field duplicate and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code MSL/MSDL.

MS recovery of di-n-butyl phthalate (163) was higher than the QC limit of 140, which may indicate high bias. Di-n-butyl phthalate result in sample BCC\_Area\_E\_MW-E03\_0614 was qualified as estimated (J) and flagged with reason code MSH.

### Reporting Limits

One sample was analyzed at a dilution. Reporting limits for target compounds in the following sample is elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC_Area_E_RFI-32_0614	480-62670-10	SW8260	500

### **2.2.3 September Event**

#### MS/MSD

MS/MSD analyses were completed using sample BCC Area E RFI-33\_090814. The MS and/or MSD percent recoveries for 3, 3'-dichlorobenzidine (49/51), hexachlorobutadiene (50/49), hexachlorocyclopentadiene (17/17), hexachloroethane (44/43) and N-nitrosodiphenylamine (44/43) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC Area E RFI-33\_090814 and the associated field duplicate,

and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code MSL and/or MSDL.

#### ***2.2.4 November Event***

##### Blanks

Benzaldehyde (1.47 µg/L) and bis(2-ethylhexyl) phthalate (2.64 µg/L) were detected below the reporting limit in batch 214073. An action limit was established at ten times for bis(2-ethylhexyl) phthalate and five times the reported blank concentration for benzaldehyde. Benzaldehyde and bis(2-ethylhexyl) phthalate results in associated samples were qualified as non-detected (U) at the reporting limit with reason code BL1.

##### LCS

The LCS percent recovery for caprolactam (33) in batch 214073 was less than the QC limit of 50, which may indicate low bias. Caprolactam was not detected in associated samples and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code LCSL.

##### MS/MSD

MS/MSD analyses were completed using sample BCC Area E R-11\_111014. The MS and/or MSD percent recoveries for 3-nitroaniline (44/40), 4-chloroaniline (19/14), 4-nitroaniline (47/41), aniline (27/26), benzo(g,h,i)perylene (20/23), caprolactam (18/28), dibenzo(a,h)anthracene (24/27), indeno(1,2,3-cd)pyrene (25/28) and atrazine (53/43) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC Area E R-11\_111014 and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code MSL and /or MSDL.

MS/MSD percent recoveries of 3,3'-dichlorobenzidine (0/0) were less than the QC limit of 10.. 3,3'-Dichlorobenzidine result in sample BCC Area E R-11\_111014 was qualified as rejected (R) and flagged with reason code MSL/MSDL.

##### Reporting Limits

One sample was analyzed at a dilution. Reporting limits for target compounds in the following sample is elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area E MW- E04_111014	480-71259-10	SW8270	50

### 2.3 METALS

The data were evaluated based on the following parameters:

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

\* - all criteria were met for this parameter.

#### 2.3.1 March Event

##### Blanks

Aluminum (61.94 µg/L), iron (31.70 µg/L), manganese (0.390 µg/L), nickel (0.980 µg/L) and thallium (2.34 µg/L) were detected below the reporting limit in batch 102386. An action limit was established at five times the reported blank concentration. A subset of sample results in associated samples were qualified as non-detect (U) at the reporting limit with reason code BL1.

#### 2.3.2 June Event

No QC issues were identified.



### ***2.3.3 September Event***

#### Field Duplicate

For the field duplicate pair BCC Area E RFI-33\_090814 and BCC Area\_E RFI-33D\_090814 chromium exceeded the relative percent difference QC limit of 50. The associated results in sample set BCC Area E RFI-33\_090814 and BCC Area\_E RFI-33D\_090814 were qualified as estimated (J) with reason code FD. A summary of qualified sample results is presented in Table 3.

### ***2.3.4 November Event***

#### Blanks

Zinc (0.00536 mg/L) was detected below the reporting limit in method blank batch 213935. An action limit was established at five times the reported blank concentration. Zinc results for associated samples were qualified as non-detect (U) at the reporting limit with reason code BL1. A summary of qualified sample results is presented in Table 3.

### **3.0 References:**

- MACTEC, 2006. "Buffalo Color Quality Assurance Project Plan"; Appendix D – Quality Assurance/Quality Control, 2006.
- U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 - December 1996.
- U.S. Environmental Protection Agency (USEPA) Region II, 2008a. "Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B"; SOP No. HW-24, Revision 2; August 2008.
- U.S. Environmental Protection Agency (USEPA) Region II, 2008b. "Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D"; SOP No. HW-22, Revision 4; August 2008.

## 4.0 LIST OF ACRONYMS AND ABBREVIATIONS

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

Data Validator: Bindu Lingaiah

Senior Chemist: Chris Ricardi, NRCC-EAC



February 25, 2015

## **TABLES**

**TABLE 1**  
**SAMPLE AND ANALYTICAL SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

				Parameter	VOCs	SVOCs	Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470C
SDG	Field Sample ID	Location	Type	Date				
480-56590-1	BBC_AREA E R-10_0314	R-10	REG	3/24/2014	48	66	22	1
480-56590-1	BBC_AREA E R-11_0314	R-11	REG	3/24/2014	48	66	22	1
480-56590-1	BBC_AREA E RFI-17_0314	RFI-17	REG	3/24/2014	48	66	22	1
480-56590-1	BBC_AREA E RFI-29_0314	RFI-29	REG	3/25/2014	48	66	22	1
480-56590-1	BBC_AREA E RFI-32_0314	RFI-32	REG	3/25/2014	48	66	22	1
480-56590-1	BBC_AREA E RFI-33_0314	RFI-33	REG	3/24/2014	48	66	22	1
480-56590-1	BBC_AREA E RFI-51_0314	RFI-51	REG	3/24/2014	48	66	22	1
480-56590-1	BBC_AREA E RFI-PZ-16_0314	RFI-PZ-16	REG	3/25/2014	48	66	22	1
480-56590-1	BCC_AREA E MW-E03_0314	MW-E03	REG	3/25/2014	48	66	22	1
480-56590-1	BCC_AREA E MW-E04_0314	MW-E04	REG	3/24/2014	48	66	22	1
480-56590-1	BCC_AREA E MW-E05_0314	MW-E05	REG	3/25/2014	48	66	22	1
480-56590-1	BCC_AREA E MW-E06_0314	MW-E06	REG	3/25/2014	48	66	22	1
480-56590-1	BCC_AREA E MW-E07_0314	MW-E07	REG	3/25/2014	48	66	22	1
480-56590-1	BCC_AREA E RFI-17D_0314	RFI-17	FD	3/24/2014	48	66	22	1
480-56590-1	BCC_AREA E_MW-E07F_0314	MW-E07	REG	3/25/2014			22	1
480-56590-1	BCC_AREA E_MW-E06F_0314	MW-E06	REG	3/25/2014			22	1
480-56590-1	BCC_AREA E_R-10F_0314	R-10	REG	3/24/2014			22	1
480-56590-1	BCC_AREA E_RFI-51F_0314	RFI-51	REG	3/25/2014			22	1
480-62670-1	BCC_Area_E_MW-E03_0614	MW-E03	REG	6/23/2014	48	66	22	1
480-62670-1	BCC_Area_E_MW-E03D_0614	MW-E03	FD	6/23/2014	48	66	22	1
480-62670-1	BCC_Area_E_MW-E04_0614	MW-E04	REG	6/24/2014	48	66	22	1
480-62670-1	BCC_Area_E_MW-E05_0614	MW-E05	REG	6/24/2014	48	66	22	1
480-62670-1	BCC_Area_E_MW-E06_0614	MW-E06	REG	6/25/2014	48	66	22	1
480-62670-1	BCC_Area_E_MW-E07_0614	MW-E07	REG	6/24/2014	48	66	22	1
480-62670-1	BCC_Area_E_R-10_0614	R-10	REG	6/24/2014	48	66	22	1
480-62670-1	BCC_Area_E_R-11_0614	R-11	REG	6/23/2014	48	66	22	1
480-62670-1	BCC_Area_E_RFI-17_0614	RFI-17	REG	6/24/2014	48	66	22	1
480-62670-1	BCC_Area_E_RFI-29_0614	RFI-29	REG	6/24/2014	48	66	22	1
480-62670-1	BCC_Area_E_RFI-32_0614	RFI-32	REG	6/23/2014	48	66	22	1
480-62670-1	BCC_Area_E_RFI-33_0614	RFI-33	REG	6/24/2014	48	66	22	1
480-62670-1	BCC_Area_E_RFI-51_0614	RFI-51	REG	6/25/2014	48	66	22	1

**TABLE 1**  
**SAMPLE AND ANALYTICAL SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL - BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

				Parameter	VOCs	SVOCs	Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470C
SDG	Field Sample ID	Location	Type	Date				
480-62670-1	BCC_Area_E_RFI-PZ-16_0614	RFI-PZ-16	REG	6/24/2014	48	66	22	1
480-62670-1	TRIPBLANK_062414	QC	TB	6/24/2014	48			
480-62785-1	BCC Area E ICM-PZ-02S0614	ICM-PZ-02S	REG	6/26/2014	48	66	22	1
480-62785-1	BCC Area E ICM-PZ-03S0614	ICM-PZ-03S	REG	6/26/2014	48	66	22	1
480-62785-1	BCC_AREA E_MW-E08_0614	MW-E08	REG	6/26/2014	48	66	22	1
480-62785-1	BCC_AREA E_MW-E09_0614	MW-E09	REG	6/26/2014	48	66	22	1
480-62785-1	BCC_AREA E_MW-E10_0614	MW-E10	REG	6/26/2014	48	66	22	1
480-62785-1	BCC_AREA E_RFI-PZ-17_0614	RFI-PZ-17	REG	6/26/2014	48	66	22	1
480-62785-1	TRIP BLANK_062614	QC	TB	6/26/2014	48			
480-67020-1	BCC Area E MW-E03_090914	MW-E03	REG	9/9/2014	48	66	22	1
480-67020-1	BCC Area E MW-E04_090814	MW-E04	REG	9/8/2014	48	66	22	1
480-67020-1	BCC Area E MW-E05_090914	MW-E05	REG	9/9/2014	48	66	22	1
480-67020-1	BCC Area E MW-E06_090914	MW-E06	REG	9/9/2014	48	66	22	1
480-67020-1	BCC Area E MW-E07_091014	MW-E07	REG	9/10/2014	48	66	22	1
480-67020-1	BCC Area E R-10_090814	R-10	REG	9/8/2014	48	66	22	1
480-67020-1	BCC Area E R-11_090914	R-11	REG	9/9/2014	48	66	22	1
480-67020-1	BCC Area E RFI-17_090814	RFI-17	REG	9/8/2014	48	66	22	1
480-67020-1	BCC Area E RFI-29_090914	RFI-29	REG	9/9/2014	48	66	22	1
480-67020-1	BCC Area E RFI-32_090914	RFI-32	REG	9/9/2014	48	66	22	1
480-67020-1	BCC Area E RFI-33_090814	RFI-33	REG	9/8/2014	48	66	22	1
480-67020-1	BCC Area E RFI-51_091014	RFI-51	REG	9/10/2014	48	66	22	1
480-67020-1	BCC Area E RFI-33D_090814	RFI-33	FD	9/8/2014	48	66	22	1
480-67020-1	BCC Area E RFI-PZ-16_091014	RFI-PZ-16	REG	9/10/2014	48	66	22	1
480-67020-1	TRIP BLANK_090914	QC	TB	9/9/2014	48			
480-71259-1	BCC Area E MW-E03_111014	MW-E03	REG	11/10/2014	48	66	22	1
480-71259-1	BCC Area E MW-E04_111014	MW-E04	REG	11/10/2014	48	66	22	1
480-71259-1	BCC Area E MW-E05_111114	MW-E05	REG	11/11/2014	48	66	22	1
480-71259-1	BCC Area E MW-E06_111114	MW-E06	REG	11/11/2014	48	66	22	1
480-71259-1	BCC Area E MW-E07_111114	MW-E07	REG	11/11/2014	48	66	22	1
480-71259-1	BCC Area E R-10_111014	R-10	REG	11/10/2014	48	66	22	1
480-71259-1	BCC Area E R-11_111014	R-11	REG	11/10/2014	48	66	22	1

**TABLE 1**  
**SAMPLE AND ANALYTICAL SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

				Parameter	VOCs	SVOCs	Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470C
SDG	Field Sample ID	Location	Type	Date				
480-71259-1	BCC Area E R11 D_111014	R-11	FD	11/10/2014	48	66	22	1
480-71259-1	BCC Area E RFI-17_111114	RFI-17	REG	11/11/2014	48	66	22	1
480-71259-1	BCC Area E RFI-29_111114	RFI-29	REG	11/11/2014	48	66	22	1
480-71259-1	BCC Area E RFI-32_111014	RFI-32	REG	11/10/2014	48	66	22	1
480-71259-1	BCC Area E RFI-33_111114	RFI-33	REG	11/11/2014	48	66	22	1
480-71259-1	BCC Area E RFI-51_111114	RFI-51	REG	11/11/2014	48	66	22	1
480-71259-1	BCC Area E RFI-PZ-16_111114	RFI-PZ-16	REG	11/11/2014	48	66	22	1
480-71259-1	Trip Blank_111014	Trip Blank	TB	11/10/2014	48			

**Notes**

REG: Regular sample

FD:Field duplicate

**TABLE 2**  
**PROJECT PRECISION AND ACCURACY GOALS**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

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

**Notes:**

LCS - Laboratory Control Sample

MS/MSD - Matrix spike/ Matrix Spike Duplicate

RPD = Relative percent difference

%R = percent recovery

QC Limits are based on USEPA Region II Data Validation Guidelines and Project QA/QC Objectives



**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BBC_AREA E R-10_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Iron	100	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Manganese	15.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW6010	Iron	130	B	U	BL1	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW8270	Benzaldehyde	96	U	UJ	LCSL	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW8270	Caprolactam	96	U	UJ	LCSL	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW8270	Hexachloroethane	96	U	UJ	LCSL	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW6010	Aluminum	221	B	U	BL1	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qua	Reason Codes	Units
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Iron	100	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Manganese	15.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BCC_AREA E_MW-E06F_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E_MW-E06F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E07F_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E_MW-E07F_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E07F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E_RFI-51F_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA R-10F_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA R-10F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E_RFI-51F_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E_RFI-51F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E03_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area_E_MW-E03_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area_E_MW-E03_0614	REG	480-62670-1	SW8270	Di-n-butyl phthala	0.35	J	J	MSH	µg/L
BCC_Area_E_R-10_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_R-11_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_R-11_0614	REG	480-62670-1	SW8270	Caprolactam	2.6	J	J	LCSL	µg/L
BCC_Area_E_RFI-17_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_RFI-17_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-17_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qua	Reason Codes	Units
BCC_Area_E_RFI-29_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-29_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-32_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-33_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-33_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-51_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-51_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-PZ-16_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-PZ-16_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E03D_0614	FD	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E03D_0614	FD	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E04_0614	REG	480-62670-1	SW8270	4-Chloroaniline	2500	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E04_0614	REG	480-62670-1	SW8270	Caprolactam	2500	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E05_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E05_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E05_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E06_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E06_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E06_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E07_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E07_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E07_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	Phenanthrene	5.0	J,B	U	BL1	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSL	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSL	µg/L
BCC Area E ICM-PZ-03S0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSL	µg/L
BCC Area E ICM-PZ-03S0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSL	µg/L
BCC AREA E MW-E08_0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L
BCC AREA E MW-E08_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSL	µg/L
BCC AREA E MW-E08_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSL	µg/L
BCC AREA E MW-E09_0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_AREA E_MW-E09_0614	REG	480-62785-1	SW8270	Phenanthrene	5.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E09_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDDL	µg/L
BCC_AREA E_MW-E09_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDDL	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	Phenanthrene	5.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDDL	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDDL	µg/L
BCC_AREA E_RFI-PZ-17_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDDL	µg/L
BCC_AREA E_RFI-PZ-17_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW6010	Chromium	0.019		J	FD	mg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	Hexachlorobutadie	1.9	U	UJ	MSDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	3,3'-Dichlorobenzic	9.7	U	UJ	MSL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	Hexachlorocyclope	9.7	U	UJ	MSL,MSDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	Hexachloroethane	9.7	U	UJ	MSL,MSDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	N-Nitrosodiphenyl	9.7	U	UJ	MSL,MSDL	µg/L
BCC Area E RFI-33D_090814	FD	480-67020-1	SW6010	Chromium	0.033		J	FD	mg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW6010	Zinc	0.011	B	U	BL1	mg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E04_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E04_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E05_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E05_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E05_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E06_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E06_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E06_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E07_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E07_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E07_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E R-10_111014	REG	480-71259-1	SW6010	Zinc	0.014	B	U	BL1	mg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qua	Reason Codes	Units
BCC Area E R-10_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E R-10_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E R-10_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E R11 D_111014	FD	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E R11 D_111014	FD	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E R11 D_111014	FD	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Atrazine	5.0	U	UJ	MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	4-Nitroaniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	4-Chloroaniline	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Benzo(g,h,i)perylene	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Indeno(1,2,3-cd)pyr	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Dibenz(a,h)anthrac	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Aniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	3,3'-Dichlorobenzid	5.0	U	R	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	3-Nitroaniline	10	U,*	UJ	MSL,MSDL	µg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW6010	Zinc	0.014	B	U	BL1	mg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E RFI-29_111114	REG	480-71259-1	SW6010	Zinc	0.013	B	U	BL1	mg/L
BCC Area E RFI-29_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-29_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW6010	Zinc	0.018	B	U	BL1	mg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E RFI-33_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-33_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-33_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E RFI-51_111114	REG	480-71259-1	SW6010	Zinc	0.010	J,B	U	BL1	mg/L
BCC Area E RFI-51_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-51_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area E_RFI-PZ-16_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC_Area E_RFI-PZ-16_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L

**Notes:**

BL1= Result qualified due to laboratory blank

FD= Field duplicate exceeds RPD criteria

LCSL= LCS recovery less than the lower criteria limit

LCSL= LCS duplicate recovery criteria less than the lower limit

MSL= Matrix spike recovery criteria less than the lower limit

MSDL= Matrix spike duplicate recovery criteria less than the lower limit

U= Undetected

J= Estimated

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BBC_AREA E R-10_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-10_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BBC_AREA E R-11_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Iron	100	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Manganese	15.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BBC_AREA E RFI-17_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW6010	Iron	130	B	U	BL1	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-29_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-32_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L



**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BBC_AREA E RFI-33_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-51_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BBC_AREA E RFI-PZ-16_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E03_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW8270	Benzaldehyde	96	U	UJ	LCSL	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW8270	Caprolactam	96	U	UJ	LCSL	µg/L
BCC_AREA E MW-E04_0314	REG	480-56590-1	SW8270	Hexachloroethane	96	U	UJ	LCSL	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW6010	Aluminum	221	B	U	BL1	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E05_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E06_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW8270	Benzaldehyde	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_AREA E MW-E07_0314	REG	480-56590-1	SW8270	Hexachloroethane	4.8	U	UJ	LCSL	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Iron	100	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Manganese	15.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW8270	Benzaldehyde	4.9	U	UJ	LCSL	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC_AREA E RFI-17D_0314	FD	480-56590-1	SW8270	Hexachloroethane	4.9	U	UJ	LCSL	µg/L
BCC_AREA E MW-E06F_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E06F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E07F_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA E MW-E07F_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E MW-E07F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-51F_0314	REG	480-56590-1	SW6010	Aluminum	200	J,B	U	BL1	µg/L
BCC_AREA R-10F_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA R-10F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-51F_0314	REG	480-56590-1	SW6010	Nickel	40.0	J,B	U	BL1	µg/L
BCC_AREA E RFI-51F_0314	REG	480-56590-1	SW6010	Thallium	20.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E03_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area_E_MW-E03_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area_E_MW-E03_0614	REG	480-62670-1	SW8270	Di-n-butyl phthala	0.35	J	J	MSH	µg/L
BCC_Area_E_R-10_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_R-11_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_R-11_0614	REG	480-62670-1	SW8270	Caprolactam	2.6	J	J	LCSL	µg/L
BCC_Area_E_RFI-17_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_RFI-17_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-17_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_Area_E_RFI-29_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-29_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-32_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-33_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-33_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-51_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-51_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-PZ-16_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_RFI-PZ-16_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E03D_0614	FD	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E03D_0614	FD	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E04_0614	REG	480-62670-1	SW8270	4-Chloroaniline	2500	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E04_0614	REG	480-62670-1	SW8270	Caprolactam	2500	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E05_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E05_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E05_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E06_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E06_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E06_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E07_0614	REG	480-62670-1	SW8270	Diethyl phthalate	5.0	J,B	U	BL1	µg/L
BCC_Area_E_MW-E07_0614	REG	480-62670-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area_E_MW-E07_0614	REG	480-62670-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	Phenanthrene	5.0	J,B	U	BL1	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC Area E ICM-PZ-02S0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC Area E ICM-PZ-03S0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC Area E ICM-PZ-03S0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC AREA E MW-E08_0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L
BCC AREA E MW-E08_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC AREA E MW-E08_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC AREA E MW-E09_0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_AREA E_MW-E09_0614	REG	480-62785-1	SW8270	Phenanthrene	5.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E09_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC_AREA E_MW-E09_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	Fluoranthene	5.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	Phenanthrene	5.0	J,B	U	BL1	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC_AREA E_MW-E10_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC_AREA E_RFI-PZ-17_0614	REG	480-62785-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC_AREA E_RFI-PZ-17_0614	REG	480-62785-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,LCSDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW6010	Chromium	0.019		J	FD	mg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	Hexachlorobutadie	1.9	U	UJ	MSDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	3,3'-Dichlorobenzic	9.7	U	UJ	MSL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	Hexachlorocyclope	9.7	U	UJ	MSL,MSDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	Hexachloroethane	9.7	U	UJ	MSL,MSDL	µg/L
BCC Area E RFI-33_090814	REG	480-67020-1	SW8270	N-Nitrosodiphenyl	9.7	U	UJ	MSL,MSDL	µg/L
BCC Area E RFI-33D_090814	FD	480-67020-1	SW6010	Chromium	0.033		J	FD	mg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW6010	Zinc	0.011	B	U	BL1	mg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E03_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E04_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E04_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E05_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E05_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E05_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E06_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E06_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E06_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E MW-E07_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E MW-E07_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E MW-E07_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E R-10_111014	REG	480-71259-1	SW6010	Zinc	0.014	B	U	BL1	mg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E R-10_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E R-10_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E R-10_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E R11 D_111014	FD	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E R11 D_111014	FD	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E R11 D_111014	FD	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Atrazine	5.0	U	UJ	MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	4-Nitroaniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	4-Chloroaniline	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Benzo(g,h,i)perylene	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Indeno(1,2,3-cd)pyrene	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Dibenz(a,h)anthracene	5.0	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	Aniline	10	U	UJ	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	3,3'-Dichlorobenzid	5.0	U	R	MSL,MSDL	µg/L
BCC Area E R-11_111014	REG	480-71259-1	SW8270	3-Nitroaniline	10	U,*	UJ	MSL,MSDL	µg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW6010	Zinc	0.014	B	U	BL1	mg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-17_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E RFI-29_111114	REG	480-71259-1	SW6010	Zinc	0.013	B	U	BL1	mg/L
BCC Area E RFI-29_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-29_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW6010	Zinc	0.018	B	U	BL1	mg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-32_111014	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC Area E RFI-33_111114	REG	480-71259-1	SW8270	Benzaldehyde	5.0	J,B,*	U	BL1	µg/L
BCC Area E RFI-33_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-33_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L

**TABLE 3**  
**VALIDATON ACTIONS SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area E RFI-51_111114	REG	480-71259-1	SW6010	Zinc	0.010	J,B	U	BL1	mg/L
BCC Area E RFI-51_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC Area E RFI-51_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area E_RFI-PZ-16_111114	REG	480-71259-1	SW8270	Bis(2-ethylhexyl) p	5.0	J,B	U	BL1	µg/L
BCC_Area E_RFI-PZ-16_111114	REG	480-71259-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L

**Notes:**

- BL1= Result qualified due to laboratory blank
- FD= Field duplicate exceeds RPD criteria
- LCSL= LCS recovery less than the lower criteria limit
- LCSDL= LCS duplicate recovery criteria less than the lower limit
- MSL= Matrix spike recovery criteria less than the lower limit
- MSDL= Matrix spike duplicate recovery criteria less than the lower limit
- U= Undetected
- J= Estimated

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BBC_AREA E R-10_0314	BBC_AREA E R-11_0314	BBC_AREA E RFI-17_0314
		Location	R-10	R-11	RFI-17
		Sample Date	03/24/2014	03/24/2014	03/24/2014
		Sample Delivery Group	480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW6010	Aluminum	200 U	200 U	200 U
µg/L	SW6010	Antimony	2.8 J	10.0 U	4.3 J
µg/L	SW6010	Arsenic	10.0 U	10.0 U	10.0 U
µg/L	SW6010	Barium	99.9 J	112 J	29.1 J
µg/L	SW6010	Beryllium	4.0 U	4.0 U	4.0 U
µg/L	SW6010	Cadmium	5.0 U	5.0 U	0.20 J
µg/L	SW6010	Calcium	30800	62100	191000
µg/L	SW6010	Chromium	5.0 U	5.0 U	1.4 J
µg/L	SW6010	Cobalt	0.51 J	50.0 U	50.0 U
µg/L	SW6010	Copper	2.0 J	1.4 J	2.5 J
µg/L	SW6010	Iron	8360	3590	100 U
µg/L	SW6010	Lead	10.0 U	10.0 U	10.0 U
µg/L	SW6010	Magnesium	58500	39600	26200
µg/L	SW6010	Manganese	24.6	7.9 J	15.0 U
µg/L	SW6010	Nickel	40.0 U	40.0 U	40.0 U
µg/L	SW6010	Potassium	5470	8450	1360 J
µg/L	SW6010	Selenium	2.0 J	10.0 U	3.9 J
µg/L	SW6010	Silver	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Sodium	210000	43800	13300
µg/L	SW6010	Thallium	20.0 U	20.0 U	20.0 U
µg/L	SW6010	Vanadium	50.0 U	50.0 U	50.0 U
µg/L	SW6010	Zinc	20.0 U	1090	20.0 U
µg/L	SW7470	Mercury	0.20 U	0.20 U	0.20 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BBC_AREA E R-10_0314	BBC_AREA E R-11_0314	BBC_AREA E RFI-17_0314
		Location	R-10	R-11	RFI-17
		Sample Date	03/24/2014	03/24/2014	03/24/2014
		Sample Delivery Group	480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	4.8 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	0.37 J	1.0 U	1.0 U



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BBC_AREA E R-10_0314	BBC_AREA E R-11_0314	BBC_AREA E RFI-17_0314
		Location	R-10	R-11	RFI-17
		Sample Date	03/24/2014	03/24/2014	03/24/2014
		Sample Delivery Group	480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2,4-Dichlorophenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2,4-Dimethylphenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2,4-Dinitrophenol	9.7 U	9.7 U	9.7 U
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2,6-Dinitrotoluene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2-Chloronaphthalene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2-Chlorophenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2-Methylnaphthalene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2-Methylphenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	2-Nitroaniline	9.7 U	9.7 U	9.7 U
µg/L	SW8270	2-Nitrophenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 U	4.9 U	4.8 U
µg/L	SW8270	3-Nitroaniline	9.7 U	9.7 U	9.7 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.7 U	9.7 U	9.7 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U	4.9 U	4.8 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	4-Chloroaniline	4.9 U	4.9 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BBC_AREA E R-10_0314	BBC_AREA E R-11_0314	BBC_AREA E RFI-17_0314
		Location	R-10	R-11	RFI-17
		Sample Date	03/24/2014	03/24/2014	03/24/2014
		Sample Delivery Group	480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U	4.9 U	4.8 U
µg/L	SW8270	4-Methylphenol	9.7 U	9.7 U	9.7 U
µg/L	SW8270	4-Nitroaniline	9.7 U	9.7 U	9.7 U
µg/L	SW8270	4-Nitrophenol	9.7 U	9.7 U	9.7 U
µg/L	SW8270	Acenaphthene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Acenaphthylene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Acetophenone	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Aniline	9.7 U	9.7 U	9.7 U
µg/L	SW8270	Anthracene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Atrazine	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Benzaldehyde	4.9 UJ	4.9 UJ	4.8 UJ
µg/L	SW8270	Benzo(a)anthracene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Benzo(a)pyrene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Benzo(b)fluoranthene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Benzo(k)fluoranthene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Biphenyl	4.9 U	4.9 U	4.8 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Butyl benzyl phthalate	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Caprolactam	4.9 UJ	4.9 UJ	4.8 UJ
µg/L	SW8270	Carbazole	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Chrysene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Di-n-butyl phthalate	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Di-n-octyl phthalate	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Dibenzofuran	9.7 U	9.7 U	9.7 U
µg/L	SW8270	Diethyl phthalate	4.9 U	1.9 J	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E R-10_0314	BBC_AREA E R-11_0314	BBC_AREA E RFI-17_0314
Location			R-10	R-11	RFI-17
Sample Date			03/24/2014	03/24/2014	03/24/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	Dimethyl phthalate	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Fluoranthene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Fluorene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Hexachlorobenzene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Hexachlorobutadiene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Hexachloroethane	4.9 UJ	4.9 UJ	4.8 UJ
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Isophorone	4.9 U	4.9 U	4.8 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U	4.9 U	4.8 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Naphthalene	4.9 U	4.9 U	0.75 J
µg/L	SW8270	Nitrobenzene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Pentachlorophenol	9.7 U	9.7 U	9.7 U
µg/L	SW8270	Phenanthrene	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Phenol	4.9 U	4.9 U	4.8 U
µg/L	SW8270	Pyrene	4.9 U	4.9 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BBC_AREA E RFI-29_0314	BBC_AREA E RFI-32_0314	BBC_AREA E RFI-33_0314
		Location	RFI-29	RFI-32	RFI-33
		Sample Date	03/25/2014	03/25/2014	03/24/2014
		Sample Delivery Group	480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW6010	Aluminum	200 U	200 U	200 U
µg/L	SW6010	Antimony	2.7 J	4.6 J	3.1 J
µg/L	SW6010	Arsenic	4.9 J	3.1 J	10.0 U
µg/L	SW6010	Barium	134 J	37.5 J	33.3 J
µg/L	SW6010	Beryllium	4.0 U	4.0 U	4.0 U
µg/L	SW6010	Cadmium	5.0 U	5.0 U	4.9 J
µg/L	SW6010	Calcium	69600	305000	57300
µg/L	SW6010	Chromium	5.0 U	3.1 J	85.6
µg/L	SW6010	Cobalt	0.40 J	5.3 J	2.8 J
µg/L	SW6010	Copper	25.0 U	1.9 J	14.1 J
µg/L	SW6010	Iron	130 U	3870	2760
µg/L	SW6010	Lead	10.0 U	10.0 U	3.3 J
µg/L	SW6010	Magnesium	11400	121000	16000
µg/L	SW6010	Manganese	88.7	1850	221
µg/L	SW6010	Nickel	40.0 U	7.0 J	44.0
µg/L	SW6010	Potassium	2940 J	1390 J	760 J
µg/L	SW6010	Selenium	10.0 U	3.6 J	10.0 U
µg/L	SW6010	Silver	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Sodium	177000	101000	142000
µg/L	SW6010	Thallium	20.0 U	20.0 U	20.0 U
µg/L	SW6010	Vanadium	50.0 U	1.8 J	2.2 J
µg/L	SW6010	Zinc	20.0 U	20.0 U	48.4
µg/L	SW7470	Mercury	0.20 U	0.20 U	0.20 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	250 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	250 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-29_0314	BBC_AREA E RFI-32_0314	BBC_AREA E RFI-33_0314
Location			RFI-29	RFI-32	RFI-33
Sample Date			03/25/2014	03/25/2014	03/24/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.8	250 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	250 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	250 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	3.8	250 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	2500 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	1300 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	1300 U	5.0 U
µg/L	SW8260	Acetone	10 U	2500 U	10 U
µg/L	SW8260	Benzene	1.0 U	500	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	250 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	250 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	250 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	250 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	250 U	1.0 U
µg/L	SW8260	Chlorobenzene	9.3	30000	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	250 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	250 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	250 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	250 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	250 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	250 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	250 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	250 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	250 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	250 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	630 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	250 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-29_0314	BBC_AREA E RFI-32_0314	BBC_AREA E RFI-33_0314
Location			RFI-29	RFI-32	RFI-33
Sample Date			03/25/2014	03/25/2014	03/24/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	Methylcyclohexane	1.0 U	250 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	250 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	250 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	250 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	250 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	250 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	250 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	250 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	250 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	250 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	500 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dichlorophenol	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dimethylphenol	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dinitrophenol	9.8 U	9.7 U	9.6 U
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2,6-Dinitrotoluene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2-Chloronaphthalene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2-Chlorophenol	4.9 U	20	4.8 U
µg/L	SW8270	2-Methylnaphthalene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2-Methylphenol	4.9 U	4.8 U	4.8 U
µg/L	SW8270	2-Nitroaniline	9.8 U	9.7 U	9.6 U
µg/L	SW8270	2-Nitrophenol	4.9 U	4.8 U	4.8 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 U	4.8 U	4.8 U
µg/L	SW8270	3-Nitroaniline	9.8 U	9.7 U	9.6 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.8 U	9.7 U	9.6 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U	4.8 U	4.8 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U	4.8 U	4.8 U
µg/L	SW8270	4-Chloroaniline	4.9 U	4.8 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			BBC_AREA E RFI-29_0314 RFI-29 03/25/2014 480-56590-1	BBC_AREA E RFI-32_0314 RFI-32 03/25/2014 480-56590-1	BBC_AREA E RFI-33_0314 RFI-33 03/24/2014 480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U	4.8 U	4.8 U
µg/L	SW8270	4-Methylphenol	9.8 U	9.7 U	9.6 U
µg/L	SW8270	4-Nitroaniline	9.8 U	9.7 U	9.6 U
µg/L	SW8270	4-Nitrophenol	9.8 U	9.7 U	9.6 U
µg/L	SW8270	Acenaphthene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Acenaphthylene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Acetophenone	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Aniline	9.8 U	9.7 U	9.6 U
µg/L	SW8270	Anthracene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Atrazine	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Benzaldehyde	4.9 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Benzo(a)anthracene	4.9 U	4.8 U	0.89 J
µg/L	SW8270	Benzo(a)pyrene	4.9 U	4.8 U	0.70 J
µg/L	SW8270	Benzo(b)fluoranthene	4.9 U	4.8 U	1.2 J
µg/L	SW8270	Benzo(g,h,i)perylene	4.9 U	4.8 U	0.36 J
µg/L	SW8270	Benzo(k)fluoranthene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Biphenyl	4.9 U	4.8 U	4.8 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Butyl benzyl phthalate	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Caprolactam	4.9 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Carbazole	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Chrysene	4.9 U	4.8 U	0.95 J
µg/L	SW8270	Di-n-butyl phthalate	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Di-n-octyl phthalate	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Dibenzofuran	9.8 U	9.7 U	9.6 U
µg/L	SW8270	Diethyl phthalate	4.9 U	4.8 U	4.8 U

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
MARCH 2014 AREA E QUARTERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-29_0314	BBC_AREA E RFI-32_0314	BBC_AREA E RFI-33_0314
Location			RFI-29	RFI-32	RFI-33
Sample Date			03/25/2014	03/25/2014	03/24/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	Dimethyl phthalate	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Fluoranthene	4.9 U	4.8 U	1.9 J
µg/L	SW8270	Fluorene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorobenzene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorobutadiene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Hexachloroethane	4.9 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Isophorone	4.9 U	4.8 U	4.8 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U	4.8 U	4.8 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Naphthalene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Nitrobenzene	4.9 U	4.8 U	4.8 U
µg/L	SW8270	Pentachlorophenol	9.8 U	9.7 U	9.6 U
µg/L	SW8270	Phenanthrene	4.9 U	4.8 U	1.1 J
µg/L	SW8270	Phenol	4.9 U	0.92 J	4.8 U
µg/L	SW8270	Pyrene	4.9 U	4.8 U	1.4 J



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-51_0314	BBC_AREA E RFI-PZ-16_0314	BCC_AREA E MW-E03_0314
Location			RFI-51	RFI-PZ-16	MW-E03
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW6010	Aluminum	200 U	200 U	200 U
µg/L	SW6010	Antimony	4.9 J	2.6 J	4.4 J
µg/L	SW6010	Arsenic	3140	3.4 J	10.0 U
µg/L	SW6010	Barium	25.4 J	26.4 J	67.8 J
µg/L	SW6010	Beryllium	4.0 U	4.0 U	4.0 U
µg/L	SW6010	Cadmium	0.55 J	5.0 U	5.0 U
µg/L	SW6010	Calcium	384000	103000	169000
µg/L	SW6010	Chromium	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Cobalt	1.1 J	0.90 J	0.61 J
µg/L	SW6010	Copper	3.1 J	10.8 J	2.7 J
µg/L	SW6010	Iron	85300	2020	2180
µg/L	SW6010	Lead	10.0 U	10.0 U	10.0 U
µg/L	SW6010	Magnesium	45400	20700	17400
µg/L	SW6010	Manganese	799	151	115
µg/L	SW6010	Nickel	40.0 U	40.0 U	40.0 U
µg/L	SW6010	Potassium	13400	2320 J	5750
µg/L	SW6010	Selenium	7.2 J	10.0 U	4.3 J
µg/L	SW6010	Silver	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Sodium	53600	8210	27300
µg/L	SW6010	Thallium	20.0 U	20.0 U	20.0 U
µg/L	SW6010	Vanadium	2.2 J	50.0 U	50.0 U
µg/L	SW6010	Zinc	9.6 J	87.3	20.0 U
µg/L	SW7470	Mercury	0.20 U	0.20 U	0.20 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-51_0314	BBC_AREA E RFI-PZ-16_0314	BCC_AREA E MW-E03_0314
Location			RFI-51	RFI-PZ-16	MW-E03
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-51_0314	BBC_AREA E RFI-PZ-16_0314	BCC_AREA E MW-E03_0314
Location			RFI-51	RFI-PZ-16	MW-E03
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dimethylphenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dinitrophenol	9.7 U	9.7 U	9.6 U
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2-Chlorophenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2-Methylphenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	2-Nitroaniline	9.7 U	9.7 U	9.6 U
µg/L	SW8270	2-Nitrophenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 U	4.8 U	4.8 U
µg/L	SW8270	3-Nitroaniline	9.7 U	9.7 U	9.6 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.7 U	9.7 U	9.6 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.8 U	4.8 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	4-Chloroaniline	4.8 U	4.8 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-51_0314	BBC_AREA E RFI-PZ-16_0314	BCC_AREA E MW-E03_0314
Location			RFI-51	RFI-PZ-16	MW-E03
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.8 U	4.8 U
µg/L	SW8270	4-Methylphenol	9.7 U	9.7 U	9.6 U
µg/L	SW8270	4-Nitroaniline	9.7 U	9.7 U	9.6 U
µg/L	SW8270	4-Nitrophenol	9.7 U	9.7 U	9.6 U
µg/L	SW8270	Acenaphthene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Acenaphthylene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Acetophenone	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Aniline	9.7 U	9.7 U	9.6 U
µg/L	SW8270	Anthracene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Atrazine	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Benzaldehyde	4.8 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Biphenyl	4.8 U	4.8 U	4.8 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Caprolactam	4.8 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Carbazole	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Chrysene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Dibenzofuran	9.7 U	9.7 U	9.6 U
µg/L	SW8270	Diethyl phthalate	4.8 U	4.8 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_AREA E RFI-51_0314	BBC_AREA E RFI-PZ-16_0314	BCC_AREA E MW-E03_0314
Location			RFI-51	RFI-PZ-16	MW-E03
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Fluoranthene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Fluorene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Hexachloroethane	4.8 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Isophorone	4.8 U	4.8 U	4.8 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U	4.8 U	4.8 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Naphthalene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Nitrobenzene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Pentachlorophenol	9.7 U	9.7 U	9.6 U
µg/L	SW8270	Phenanthrene	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Phenol	4.8 U	4.8 U	4.8 U
µg/L	SW8270	Pyrene	4.8 U	4.8 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E04_0314	BCC_AREA E MW-E05_0314	BCC_AREA E MW-E06_0314
Location			MW-E04	MW-E05	MW-E06
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW6010	Aluminum	498	221 U	200 U
µg/L	SW6010	Antimony	89.3	4.5 J	5.4 J
µg/L	SW6010	Arsenic	17.9	10.0 U	53.2
µg/L	SW6010	Barium	35.7 J	24.0 J	18.9 J
µg/L	SW6010	Beryllium	4.0 U	4.0 U	4.0 U
µg/L	SW6010	Cadmium	0.36 J	8.3	1.5 J
µg/L	SW6010	Calcium	154000	104000	358000
µg/L	SW6010	Chromium	2.7 J	5.0 U	5.0 U
µg/L	SW6010	Cobalt	1.0 J	8.5 J	27.2 J
µg/L	SW6010	Copper	33.4	76.8	6.3 J
µg/L	SW6010	Iron	1360	413	140000
µg/L	SW6010	Lead	10.0 U	18.3	10.0 U
µg/L	SW6010	Magnesium	31800	10700	20600
µg/L	SW6010	Manganese	46.3	138	1630
µg/L	SW6010	Nickel	10.5 J	17.8 J	26.0 J
µg/L	SW6010	Potassium	5240	4230 J	4300 J
µg/L	SW6010	Selenium	10.0 U	25.1	3.1 J
µg/L	SW6010	Silver	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Sodium	14400	58100	47500
µg/L	SW6010	Thallium	20.0 U	20.0 U	20.0 U
µg/L	SW6010	Vanadium	1.6 J	50.0 U	4.2 J
µg/L	SW6010	Zinc	196	3210	1740
µg/L	SW7470	Mercury	0.20 U	0.20 U	0.20 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	0.94 J	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E04_0314	BCC_AREA E MW-E05_0314	BCC_AREA E MW-E06_0314
Location			MW-E04	MW-E05	MW-E06
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.9	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.2	3.1	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			BCC_AREA E MW-E04_0314 MW-E04 03/24/2014 480-56590-1	BCC_AREA E MW-E05_0314 MW-E05 03/25/2014 480-56590-1	BCC_AREA E MW-E06_0314 MW-E06 03/25/2014 480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	0.90 J	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	96 U	4.8 U	4.8 U
µg/L	SW8270	2,4,6-Trichlorophenol	96 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dichlorophenol	96 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dimethylphenol	96 U	4.8 U	4.8 U
µg/L	SW8270	2,4-Dinitrophenol	190 U	9.7 U	9.6 U
µg/L	SW8270	2,4-Dinitrotoluene	1800	4.8 U	4.8 U
µg/L	SW8270	2,6-Dinitrotoluene	2300	4.8 U	4.8 U
µg/L	SW8270	2-Chloronaphthalene	96 U	4.8 U	4.8 U
µg/L	SW8270	2-Chlorophenol	96 U	4.8 U	4.8 U
µg/L	SW8270	2-Methylnaphthalene	96 U	4.8 U	4.8 U
µg/L	SW8270	2-Methylphenol	96 U	4.8 U	4.8 U
µg/L	SW8270	2-Nitroaniline	190 U	9.7 U	9.6 U
µg/L	SW8270	2-Nitrophenol	96 U	4.8 U	4.8 U
µg/L	SW8270	3,3'-Dichlorobenzidine	96 U	4.8 U	4.8 U
µg/L	SW8270	3-Nitroaniline	190 U	9.7 U	9.6 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	190 U	9.7 U	9.6 U
µg/L	SW8270	4-Bromophenyl phenyl ether	96 U	4.8 U	4.8 U
µg/L	SW8270	4-Chloro-3-methylphenol	96 U	4.8 U	4.8 U
µg/L	SW8270	4-Chloroaniline	96 U	4.8 U	4.8 U



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			BCC_AREA E MW-E04_0314 MW-E04 03/24/2014 480-56590-1	BCC_AREA E MW-E05_0314 MW-E05 03/25/2014 480-56590-1	BCC_AREA E MW-E06_0314 MW-E06 03/25/2014 480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Chlorophenyl phenyl ether	96 U	4.8 U	4.8 U
µg/L	SW8270	4-Methylphenol	190 U	9.7 U	9.6 U
µg/L	SW8270	4-Nitroaniline	190 U	9.7 U	9.6 U
µg/L	SW8270	4-Nitrophenol	190 U	9.7 U	9.6 U
µg/L	SW8270	Acenaphthene	96 U	4.8 U	4.8 U
µg/L	SW8270	Acenaphthylene	96 U	4.8 U	4.8 U
µg/L	SW8270	Acetophenone	96 U	4.8 U	4.8 U
µg/L	SW8270	Aniline	190 U	9.7 U	9.6 U
µg/L	SW8270	Anthracene	96 U	4.8 U	4.8 U
µg/L	SW8270	Atrazine	96 U	4.8 U	4.8 U
µg/L	SW8270	Benzaldehyde	96 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Benzo(a)anthracene	96 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(a)pyrene	96 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(b)fluoranthene	96 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(g,h,i)perylene	96 U	4.8 U	4.8 U
µg/L	SW8270	Benzo(k)fluoranthene	96 U	4.8 U	4.8 U
µg/L	SW8270	Biphenyl	96 U	4.8 U	4.8 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	96 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	96 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-chloroethyl)ether	96 U	4.8 U	4.8 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	96 U	4.8 U	4.8 U
µg/L	SW8270	Butyl benzyl phthalate	96 U	4.8 U	4.8 U
µg/L	SW8270	Caprolactam	96 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Carbazole	96 U	4.8 U	4.8 U
µg/L	SW8270	Chrysene	96 U	4.8 U	4.8 U
µg/L	SW8270	Di-n-butyl phthalate	96 U	4.8 U	4.8 U
µg/L	SW8270	Di-n-octyl phthalate	96 U	4.8 U	4.8 U
µg/L	SW8270	Dibenz(a,h)anthracene	96 U	4.8 U	4.8 U
µg/L	SW8270	Dibenzofuran	190 U	9.7 U	9.6 U
µg/L	SW8270	Diethyl phthalate	96 U	4.8 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E04_0314	BCC_AREA E MW-E05_0314	BCC_AREA E MW-E06_0314
Location			MW-E04	MW-E05	MW-E06
Sample Date			03/24/2014	03/25/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	Dimethyl phthalate	96 U	4.8 U	4.8 U
µg/L	SW8270	Fluoranthene	96 U	4.8 U	4.8 U
µg/L	SW8270	Fluorene	96 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorobenzene	96 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorobutadiene	96 U	4.8 U	4.8 U
µg/L	SW8270	Hexachlorocyclopentadiene	96 U	4.8 U	4.8 U
µg/L	SW8270	Hexachloroethane	96 UJ	4.8 UJ	4.8 UJ
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	96 U	4.8 U	4.8 U
µg/L	SW8270	Isophorone	96 U	4.8 U	4.8 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	96 U	4.8 U	4.8 U
µg/L	SW8270	N-Nitrosodiphenylamine	96 U	4.8 U	4.8 U
µg/L	SW8270	Naphthalene	96 U	4.8 U	4.8 U
µg/L	SW8270	Nitrobenzene	96 U	4.8 U	4.8 U
µg/L	SW8270	Pentachlorophenol	190 U	9.7 U	9.6 U
µg/L	SW8270	Phenanthrene	96 U	4.8 U	4.8 U
µg/L	SW8270	Phenol	96 U	4.8 U	4.8 U
µg/L	SW8270	Pyrene	96 U	4.8 U	4.8 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E07_0314	BCC_AREA E RFI-17D_0314	BCC_AREA E_MW-E07F_0314
Location			MW-E07	RFI-17	MW-E07
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW6010	Aluminum	200 U	200 U	200 U
µg/L	SW6010	Antimony	2.6 J	3.8 J	4.7 J
µg/L	SW6010	Arsenic	75.2	10.0 U	28.7
µg/L	SW6010	Barium	10.9 J	29.5 J	11.0 J
µg/L	SW6010	Beryllium	4.0 U	4.0 U	4.0 U
µg/L	SW6010	Cadmium	0.56 J	0.22 J	0.41 J
µg/L	SW6010	Calcium	150000	188000	155000
µg/L	SW6010	Chromium	5.0 U	1.2 J	5.0 U
µg/L	SW6010	Cobalt	4.9 J	50.0 U	5.5 J
µg/L	SW6010	Copper	5.5 J	2.8 J	2.6 J
µg/L	SW6010	Iron	81800	100 U	62800
µg/L	SW6010	Lead	3.2 J	10.0 U	10.0 U
µg/L	SW6010	Magnesium	14700	25700	15100
µg/L	SW6010	Manganese	245	15.0 U	256
µg/L	SW6010	Nickel	40.0 U	40.0 U	40.0 U
µg/L	SW6010	Potassium	8960	1350 J	9170
µg/L	SW6010	Selenium	2.4 J	4.1 J	2.0 J
µg/L	SW6010	Silver	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Sodium	20400	13200	21000
µg/L	SW6010	Thallium	20.0 U	20.0 U	20.0 U
µg/L	SW6010	Vanadium	3.9 J	50.0 U	1.9 J
µg/L	SW6010	Zinc	61.9	7.9 J	61.2
µg/L	SW7470	Mercury	0.20 U	0.20 U	0.20 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E07_0314	BCC_AREA E RFI-17D_0314	BCC_AREA E_MW-E07F_0314
Location			MW-E07	RFI-17	MW-E07
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	
µg/L	SW8260	Acetone	10 U	10 U	
µg/L	SW8260	Benzene	1.0 U	1.0 U	
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	
µg/L	SW8260	Bromoform	1.0 U	1.0 U	
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	
µg/L	SW8260	Chloroform	1.0 U	1.0 U	
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E07_0314	BCC_AREA E RFI-17D_0314	BCC_AREA E_MW-E07F_0314
Location			MW-E07	RFI-17	MW-E07
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	
µg/L	SW8260	Styrene	1.0 U	1.0 U	
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	
µg/L	SW8260	Toluene	1.0 U	1.0 U	
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.9 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.9 U	
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.9 U	
µg/L	SW8270	2,4-Dimethylphenol	4.8 U	4.9 U	
µg/L	SW8270	2,4-Dinitrophenol	9.7 U	9.7 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U	4.9 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U	4.9 U	
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.9 U	
µg/L	SW8270	2-Chlorophenol	4.8 U	4.9 U	
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.9 U	
µg/L	SW8270	2-Methylphenol	4.8 U	4.9 U	
µg/L	SW8270	2-Nitroaniline	9.7 U	9.7 U	
µg/L	SW8270	2-Nitrophenol	4.8 U	4.9 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 U	4.9 U	
µg/L	SW8270	3-Nitroaniline	9.7 U	9.7 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.7 U	9.7 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.9 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.9 U	
µg/L	SW8270	4-Chloroaniline	4.8 U	4.9 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E07_0314	BCC_AREA E RFI-17D_0314	BCC_AREA E_MW-E07F_0314
Location			MW-E07	RFI-17	MW-E07
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.9 U	
µg/L	SW8270	4-Methylphenol	9.7 U	9.7 U	
µg/L	SW8270	4-Nitroaniline	9.7 U	9.7 U	
µg/L	SW8270	4-Nitrophenol	9.7 U	9.7 U	
µg/L	SW8270	Acenaphthene	14	4.9 U	
µg/L	SW8270	Acenaphthylene	4.8 U	4.9 U	
µg/L	SW8270	Acetophenone	4.8 U	4.9 U	
µg/L	SW8270	Aniline	9.7 U	9.7 U	
µg/L	SW8270	Anthracene	1.4 J	4.9 U	
µg/L	SW8270	Atrazine	4.8 U	4.9 U	
µg/L	SW8270	Benzaldehyde	4.8 UJ	4.9 UJ	
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.9 U	
µg/L	SW8270	Biphenyl	0.90 J	4.9 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.9 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.9 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.9 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.9 U	
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Caprolactam	4.8 UJ	4.9 UJ	
µg/L	SW8270	Carbazole	1.2 J	4.9 U	
µg/L	SW8270	Chrysene	4.8 U	4.9 U	
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.9 U	
µg/L	SW8270	Dibenzofuran	4.6 J	9.7 U	
µg/L	SW8270	Diethyl phthalate	4.8 U	4.9 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E MW-E07_0314	BCC_AREA E RFI-17D_0314	BCC_AREA E_MW-E07F_0314
Location			MW-E07	RFI-17	MW-E07
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Fluoranthene	2.2 J	4.9 U	
µg/L	SW8270	Fluorene	8.7	4.9 U	
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.9 U	
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.9 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.9 U	
µg/L	SW8270	Hexachloroethane	4.8 UJ	4.9 UJ	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U	4.9 U	
µg/L	SW8270	Isophorone	4.8 U	4.9 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U	4.9 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U	4.9 U	
µg/L	SW8270	Naphthalene	4.8 U	4.9 U	
µg/L	SW8270	Nitrobenzene	4.8 U	4.9 U	
µg/L	SW8270	Pentachlorophenol	9.7 U	9.7 U	
µg/L	SW8270	Phenanthrene	3.2 J	4.9 U	
µg/L	SW8270	Phenol	4.8 U	4.9 U	
µg/L	SW8270	Pyrene	1.5 J	4.9 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E06F_0314	BCC_AREA E_R-10F_0314	BCC_AREA E_RFI-51F_0314
Location			MW-E06	R-10	RFI-51
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW6010	Aluminum	200 U	200 U	200 U
µg/L	SW6010	Antimony	4.4 J	10.0 U	5.2 J
µg/L	SW6010	Arsenic	17.5	10.0 U	581
µg/L	SW6010	Barium	17.9 J	80.5 J	12.6 J
µg/L	SW6010	Beryllium	4.0 U	4.0 U	4.0 U
µg/L	SW6010	Cadmium	1.4 J	5.0 U	0.20 J
µg/L	SW6010	Calcium	359000	32800	369000
µg/L	SW6010	Chromium	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Cobalt	26.9 J	0.66 J	1.1 J
µg/L	SW6010	Copper	4.1 J	1.7 J	2.1 J
µg/L	SW6010	Iron	124000	507	23900
µg/L	SW6010	Lead	10.0 U	10.0 U	10.0 U
µg/L	SW6010	Magnesium	20700	56600	44900
µg/L	SW6010	Manganese	1660	27.4	760
µg/L	SW6010	Nickel	24.9 J	40.0 U	40.0 U
µg/L	SW6010	Potassium	4330 J	5280	13400
µg/L	SW6010	Selenium	3.3 J	10.0 U	2.2 J
µg/L	SW6010	Silver	5.0 U	5.0 U	5.0 U
µg/L	SW6010	Sodium	47900	209000	54200
µg/L	SW6010	Thallium	20.0 U	20.0 U	20.0 U
µg/L	SW6010	Vanadium	3.4 J	50.0 U	50.0 U
µg/L	SW6010	Zinc	1730	20.0 U	10.6 J
µg/L	SW7470	Mercury	0.20 U	0.20 U	0.20 U
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			



**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
MARCH 2014 AREA E QUARTERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E06F_0314	BCC_AREA E_R-10F_0314	BCC_AREA E_RFI-51F_0314
Location			MW-E06	R-10	RFI-51
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
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			
µg/L	SW8260	1,4-Dichlorobenzene			
µg/L	SW8260	2-Butanone (MEK)			
µg/L	SW8260	2-Hexanone			
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)			
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			
µg/L	SW8260	Chlorobenzene			
µg/L	SW8260	Chloroethane			
µg/L	SW8260	Chloroform			
µg/L	SW8260	Chloromethane			
µg/L	SW8260	cis-1,2-Dichloroethene			
µg/L	SW8260	cis-1,3-Dichloropropene			
µg/L	SW8260	Cyclohexane			
µg/L	SW8260	Dibromochloromethane			
µg/L	SW8260	Dichlorodifluoromethane			
µg/L	SW8260	Ethylbenzene			
µg/L	SW8260	Isopropylbenzene			
µg/L	SW8260	Methyl acetate			
µg/L	SW8260	Methyl tert-butyl ether			

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E06F_0314	BCC_AREA E_R-10F_0314	BCC_AREA E_RFI-51F_0314
Location			MW-E06	R-10	RFI-51
Sample Date			03/25/2014	03/24/2014	03/25/2014
Sample Delivery Group			480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name			
µg/L	SW8260	Methylcyclohexane			
µg/L	SW8260	Methylene Chloride			
µg/L	SW8260	Styrene			
µg/L	SW8260	Tetrachloroethene			
µg/L	SW8260	Toluene			
µg/L	SW8260	trans-1,2-Dichloroethene			
µg/L	SW8260	trans-1,3-Dichloropropene			
µg/L	SW8260	Trichloroethene			
µg/L	SW8260	Trichlorofluoromethane			
µg/L	SW8260	Vinyl chloride			
µg/L	SW8260	Xylenes, Total			
µg/L	SW8270	2,4,5-Trichlorophenol			
µg/L	SW8270	2,4,6-Trichlorophenol			
µg/L	SW8270	2,4-Dichlorophenol			
µg/L	SW8270	2,4-Dimethylphenol			
µg/L	SW8270	2,4-Dinitrophenol			
µg/L	SW8270	2,4-Dinitrotoluene			
µg/L	SW8270	2,6-Dinitrotoluene			
µg/L	SW8270	2-Chloronaphthalene			
µg/L	SW8270	2-Chlorophenol			
µg/L	SW8270	2-Methylnaphthalene			
µg/L	SW8270	2-Methylphenol			
µg/L	SW8270	2-Nitroaniline			
µg/L	SW8270	2-Nitrophenol			
µg/L	SW8270	3,3'-Dichlorobenzidine			
µg/L	SW8270	3-Nitroaniline			
µg/L	SW8270	4,6-Dinitro-2-methylphenol			
µg/L	SW8270	4-Bromophenyl phenyl ether			
µg/L	SW8270	4-Chloro-3-methylphenol			
µg/L	SW8270	4-Chloroaniline			

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			Field Sample ID	BCC_AREA E_MW-E06F_0314	BCC_AREA E_R-10F_0314	BCC_AREA E_RFI-51F_0314
			Location	MW-E06	R-10	RFI-51
			Sample Date	03/25/2014	03/24/2014	03/25/2014
			Sample Delivery Group	480-56590-1	480-56590-1	480-56590-1
Units	Method	Parameter Name				
µg/L	SW8270	4-Chlorophenyl phenyl ether				
µg/L	SW8270	4-Methylphenol				
µg/L	SW8270	4-Nitroaniline				
µg/L	SW8270	4-Nitrophenol				
µg/L	SW8270	Acenaphthene				
µg/L	SW8270	Acenaphthylene				
µg/L	SW8270	Acetophenone				
µg/L	SW8270	Aniline				
µg/L	SW8270	Anthracene				
µg/L	SW8270	Atrazine				
µg/L	SW8270	Benzaldehyde				
µg/L	SW8270	Benzo(a)anthracene				
µg/L	SW8270	Benzo(a)pyrene				
µg/L	SW8270	Benzo(b)fluoranthene				
µg/L	SW8270	Benzo(g,h,i)perylene				
µg/L	SW8270	Benzo(k)fluoranthene				
µg/L	SW8270	Biphenyl				
µg/L	SW8270	bis (2-chloroisopropyl) ether				
µg/L	SW8270	Bis(2-chloroethoxy)methane				
µg/L	SW8270	Bis(2-chloroethyl)ether				
µg/L	SW8270	Bis(2-ethylhexyl) phthalate				
µg/L	SW8270	Butyl benzyl phthalate				
µg/L	SW8270	Caprolactam				
µg/L	SW8270	Carbazole				
µg/L	SW8270	Chrysene				
µg/L	SW8270	Di-n-butyl phthalate				
µg/L	SW8270	Di-n-octyl phthalate				
µg/L	SW8270	Dibenz(a,h)anthracene				
µg/L	SW8270	Dibenzofuran				
µg/L	SW8270	Diethyl phthalate				

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
MARCH 2014 AREA E QUARTERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

			<b>Field Sample ID</b>	<b>BCC_AREA E_MW-E06F_0314</b>	<b>BCC_AREA E_R-10F_0314</b>	<b>BCC_AREA E_RFI-51F_0314</b>
			<b>Location</b>	<b>MW-E06</b>	<b>R-10</b>	<b>RFI-51</b>
			<b>Sample Date</b>	<b>03/25/2014</b>	<b>03/24/2014</b>	<b>03/25/2014</b>
			<b>Sample Delivery Group</b>	<b>480-56590-1</b>	<b>480-56590-1</b>	<b>480-56590-1</b>
<b>Units</b>	<b>Method</b>	<b>Parameter Name</b>				
µg/L	SW8270	Dimethyl phthalate				
µg/L	SW8270	Fluoranthene				
µg/L	SW8270	Fluorene				
µg/L	SW8270	Hexachlorobenzene				
µg/L	SW8270	Hexachlorobutadiene				
µg/L	SW8270	Hexachlorocyclopentadiene				
µg/L	SW8270	Hexachloroethane				
µg/L	SW8270	Indeno(1,2,3-cd)pyrene				
µg/L	SW8270	Isophorone				
µg/L	SW8270	N-Nitrosodi-n-propylamine				
µg/L	SW8270	N-Nitrosodiphenylamine				
µg/L	SW8270	Naphthalene				
µg/L	SW8270	Nitrobenzene				
µg/L	SW8270	Pentachlorophenol				
µg/L	SW8270	Phenanthrene				
µg/L	SW8270	Phenol				
µg/L	SW8270	Pyrene				

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03_0614	BCC_Area_E_R-10_0614	BCC_Area_E_R-11_0614
Location			MW-E03	R-10	R-11
Sample Date			06/23/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	1.8	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.015 U
mg/L	SW6010	Barium	0.096	0.084	0.054
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	170	43.7	34.3
mg/L	SW6010	Chromium	0.0033 J	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.00076 J	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0043 J	0.0062 J	0.010 U
mg/L	SW6010	Iron	2.4	6.3	1.3
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	19.2	16.0	10.1
mg/L	SW6010	Manganese	0.077	0.093	0.010
mg/L	SW6010	Nickel	0.0040 J	0.0024 J	0.010 U
mg/L	SW6010	Potassium	5.2	2.2	1.9
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	23.3	46.0	13.5
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0032 J	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.014	0.034	1.1
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03_0614	BCC_Area_E_R-10_0614	BCC_Area_E_R-11_0614
Location			MW-E03	R-10	R-11
Sample Date			06/23/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	3.3 J	3.8 J	3.7 J
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03_0614	BCC_Area_E_R-10_0614	BCC_Area_E_R-11_0614
Location			MW-E03	R-10	R-11
Sample Date			06/23/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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	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 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03_0614	BCC_Area_E_R-10_0614	BCC_Area_E_R-11_0614
Location			MW-E03	R-10	R-11
Sample Date			06/23/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
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 UJ	5.0 UJ	5.0 UJ
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
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



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03_0614	BCC_Area_E_R-10_0614	BCC_Area_E_R-11_0614
Location			MW-E03	R-10	R-11
Sample Date			06/23/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8270	Caprolactam	5.0 UJ	7.6	2.6 J
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	0.35 J	1.1 J	0.74 J
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	0.26 U	0.23 U	0.22 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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-17_0614	BCC_Area_E_RFI-29_0614	BCC_Area_E_RFI-32_0614
Location			RFI-17	RFI-29	RFI-32
Sample Date			06/24/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.24
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.0095 J	0.015 U
mg/L	SW6010	Barium	0.031	0.11	0.027
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.00052 J
mg/L	SW6010	Calcium	175	61.7	167
mg/L	SW6010	Chromium	0.0020 J	0.0040 U	0.0054
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0022 J
mg/L	SW6010	Copper	0.0017 J	0.010 U	0.0074 J
mg/L	SW6010	Iron	0.068	0.084	1.7
mg/L	SW6010	Lead	0.010 U	0.010 U	0.0034 J
mg/L	SW6010	Magnesium	23.9	9.9	64.5
mg/L	SW6010	Manganese	0.0042	0.070	0.88
mg/L	SW6010	Nickel	0.0029 J	0.010 U	0.0071 J
mg/L	SW6010	Potassium	1.4	3.1	1.3
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	11.0	143	51.2
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	0.0044 J	0.0017 J	0.020
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	500 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	500 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	500 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	500 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	500 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-17_0614	BCC_Area_E_RFI-29_0614	BCC_Area_E_RFI-32_0614
Location			RFI-17	RFI-29	RFI-32
Sample Date			06/24/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	500 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	500 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	500 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	500 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	2.3	500 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	500 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	500 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	500 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	4.4	500 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	5000 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	2500 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	2500 U
µg/L	SW8260	Acetone	10 U	10 U	5000 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	330 J
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	500 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	500 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	500 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	500 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	500 U
µg/L	SW8260	Chlorobenzene	1.2	14	24000
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	500 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	500 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	500 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	500 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	500 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	500 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	500 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	500 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-17_0614	BCC_Area_E_RFI-29_0614	BCC_Area_E_RFI-32_0614
Location			RFI-17	RFI-29	RFI-32
Sample Date			06/24/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	500 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	500 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	1300 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	500 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	500 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	410 J
µg/L	SW8260	Styrene	1.0 U	1.0 U	500 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	500 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	500 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	500 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	500 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	500 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	500 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	500 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	1000 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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	5.0 U	22
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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-17_0614	BCC_Area_E_RFI-29_0614	BCC_Area_E_RFI-32_0614
Location			RFI-17	RFI-29	RFI-32
Sample Date			06/24/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
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 UJ	5.0 UJ	5.0 UJ
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
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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-17_0614	BCC_Area_E_RFI-29_0614	BCC_Area_E_RFI-32_0614
Location			RFI-17	RFI-29	RFI-32
Sample Date			06/24/2014	06/24/2014	06/23/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8270	Caprolactam	5.0 UJ	5.0 UJ	12
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	0.61 J
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	2.5 J
µg/L	SW8270	Pyrene	5.0 U	5.0 U	5.0 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-33_0614	BCC_Area_E_RFI-51_0614	BCC_Area_E_RFI-PZ-16_0614
Location			RFI-33	RFI-51	RFI-PZ-16
Sample Date			06/24/2014	06/25/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.52	0.20 U	0.14 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.49	0.015 U
mg/L	SW6010	Barium	0.039	0.021	0.051
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0018 J	0.00056 J	0.0020 U
mg/L	SW6010	Calcium	70.5	342	155
mg/L	SW6010	Chromium	0.072	0.0015 J	0.0021 J
mg/L	SW6010	Cobalt	0.0026 J	0.00081 J	0.0020 J
mg/L	SW6010	Copper	0.0082 J	0.0062 J	0.0078 J
mg/L	SW6010	Iron	1.3	16.8	3.8
mg/L	SW6010	Lead	0.0039 J	0.0052 J	0.0041 J
mg/L	SW6010	Magnesium	21.4	53.3	36.2
mg/L	SW6010	Manganese	0.34	0.75	0.72
mg/L	SW6010	Nickel	0.077	0.0034 J	0.0052 J
mg/L	SW6010	Potassium	0.88	12.7	3.7
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	153	60.8	11.6
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0019 J	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.012	0.0073 J	0.11
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-33_0614	BCC_Area_E_RFI-51_0614	BCC_Area_E_RFI-PZ-16_0614
Location			RFI-33	RFI-51	RFI-PZ-16
Sample Date			06/24/2014	06/25/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	3.6 J
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-33_0614	BCC_Area_E_RFI-51_0614	BCC_Area_E_RFI-PZ-16_0614
Location			RFI-33	RFI-51	RFI-PZ-16
Sample Date			06/24/2014	06/25/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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	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 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-33_0614	BCC_Area_E_RFI-51_0614	BCC_Area_E_RFI-PZ-16_0614
Location			RFI-33	RFI-51	RFI-PZ-16
Sample Date			06/24/2014	06/25/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
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 UJ	5.0 UJ	5.0 UJ
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
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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_RFI-33_0614	BCC_Area_E_RFI-51_0614	BCC_Area_E_RFI-PZ-16_0614
Location			RFI-33	RFI-51	RFI-PZ-16
Sample Date			06/24/2014	06/25/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
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	0.23 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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03D_0614	BCC_Area_E_MW-E04_0614	BCC_Area_E_MW-E05_0614
Location			MW-E03	MW-E04	MW-E05
Sample Date			06/23/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	1.8	0.71	0.72
mg/L	SW6010	Antimony	0.020 U	0.063	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.012 J	0.011 J
mg/L	SW6010	Barium	0.097	0.047	0.049
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.00099 J	0.010
mg/L	SW6010	Calcium	178	134	111
mg/L	SW6010	Chromium	0.0031 J	0.0024 J	0.0014 J
mg/L	SW6010	Cobalt	0.00072 J	0.0048	0.0093
mg/L	SW6010	Copper	0.0042 J	0.013	0.12
mg/L	SW6010	Iron	2.5	0.97	0.80
mg/L	SW6010	Lead	0.0045 J	0.010 U	0.025
mg/L	SW6010	Magnesium	20.0	30.7	10.8
mg/L	SW6010	Manganese	0.081	0.60	0.11
mg/L	SW6010	Nickel	0.0038 J	0.011	0.019
mg/L	SW6010	Potassium	5.4	6.7	5.8
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.013 J
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	24.1	14.7	60.9
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0033 J	0.0017 J	0.0017 J
mg/L	SW6010	Zinc	0.014	0.15	3.4
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03D_0614	BCC_Area_E_MW-E04_0614	BCC_Area_E_MW-E05_0614
Location			MW-E03	MW-E04	MW-E05
Sample Date			06/23/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.7	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	5.8	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.2	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	3.4	17
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03D_0614	BCC_Area_E_MW-E04_0614	BCC_Area_E_MW-E05_0614
Location			MW-E03	MW-E04	MW-E05
Sample Date			06/23/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	3.1	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 U	5000 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	4500	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	8600	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	2500 U	5.0 U
µg/L	SW8270	2-Chlorophenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	2500 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	2-Nitroaniline	10 U	5000 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	2500 U	5.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03D_0614	BCC_Area_E_MW-E04_0614	BCC_Area_E_MW-E05_0614
Location			MW-E03	MW-E04	MW-E05
Sample Date			06/23/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	2500 U	5.0 U
µg/L	SW8270	3-Nitroaniline	10 U	5000 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	10 U	5000 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	2500 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 UJ	2500 UJ	5.0 UJ
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	2500 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 U	5000 U	10 U
µg/L	SW8270	4-Nitroaniline	10 U	5000 U	10 U
µg/L	SW8270	4-Nitrophenol	10 U	5000 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	2500 U	5.0 U
µg/L	SW8270	Aniline	10 U	5000 U	10 U
µg/L	SW8270	Anthracene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	2500 U	5.0 U
µg/L	SW8270	Benzaldehyde	0.32 J	2500 U	5.0 U
µg/L	SW8270	Benzo(a)anthracene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Benzo(a)pyrene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Biphenyl	5.0 U	2500 U	5.0 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	2500 U	5.0 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	2500 U	5.0 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	2500 U	5.0 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	2500 U	5.0 U
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	2500 U	5.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E03D_0614	BCC_Area_E_MW-E04_0614	BCC_Area_E_MW-E05_0614
Location			MW-E03	MW-E04	MW-E05
Sample Date			06/23/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8270	Caprolactam	5.0 UJ	2500 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	2500 U	5.0 U
µg/L	SW8270	Chrysene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	2500 U	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	2500 U	5.0 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Dibenzofuran	10 U	5000 U	10 U
µg/L	SW8270	Diethyl phthalate	5.0 U	2500 U	5.0 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	2500 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Fluorene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Hexachloroethane	5.0 U	2500 U	5.0 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Isophorone	5.0 U	2500 U	5.0 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	2500 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	2500 U	5.0 U
µg/L	SW8270	Naphthalene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Pentachlorophenol	10 U	5000 U	10 U
µg/L	SW8270	Phenanthrene	5.0 U	2500 U	5.0 U
µg/L	SW8270	Phenol	5.0 U	2500 U	5.0 U
µg/L	SW8270	Pyrene	5.0 U	2500 U	5.0 U

**Notes:**

U = undetected

J = estimated value



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E06_0614	BCC_Area_E_MW-E07_0614	TRIPBLANK_062414
Location			MW-E06	MW-E07	QC
Sample Date			06/25/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.15 J	0.090 J	
mg/L	SW6010	Antimony	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.016	0.052	
mg/L	SW6010	Barium	0.056	0.017	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0010 J	0.0020 U	
mg/L	SW6010	Calcium	286	105	
mg/L	SW6010	Chromium	0.0013 J	0.0014 J	
mg/L	SW6010	Cobalt	0.017	0.0031 J	
mg/L	SW6010	Copper	0.0073 J	0.0047 J	
mg/L	SW6010	Iron	88.2	36.4	
mg/L	SW6010	Lead	0.0043 J	0.0088 J	
mg/L	SW6010	Magnesium	19.3	11.8	
mg/L	SW6010	Manganese	2.0	0.17	
mg/L	SW6010	Nickel	0.021	0.0041 J	
mg/L	SW6010	Potassium	4.7	9.2	
mg/L	SW6010	Selenium	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	41.6	30.7	
mg/L	SW6010	Thallium	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	
mg/L	SW6010	Zinc	1.1	0.033	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E06_0614	BCC_Area_E_MW-E07_0614	TRIPBLANK_062414
Location			MW-E06	MW-E07	QC
Sample Date			06/25/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	3.1 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E06_0614	BCC_Area_E_MW-E07_0614	TRIPBLANK_062414
Location			MW-E06	MW-E07	QC
Sample Date			06/25/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	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	0.52 J	
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	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E06_0614	BCC_Area_E_MW-E07_0614	TRIPBLANK_062414
Location			MW-E06	MW-E07	QC
Sample Date			06/25/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
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 UJ	5.0 UJ	
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	9.2	
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	
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	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area_E_MW-E06_0614	BCC_Area_E_MW-E07_0614	TRIPBLANK_062414
Location			MW-E06	MW-E07	QC
Sample Date			06/25/2014	06/24/2014	06/24/2014
Sample Delivery Group			480-62670-1	480-62670-1	480-62670-1
Units	Method	Parameter Name			
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	0.79 J	

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E ICM-PZ-02S0614	BCC Area E ICM-PZ-03S0614	BCC_AREA E_MW-E08_0614
Location			ICM-PZ-02S	ICM-PZ-03S	MW-E08
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.28	0.11 J	0.25
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.014 J	0.015 U	0.015 U
mg/L	SW6010	Barium	0.28	0.29	0.031
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0013 J
mg/L	SW6010	Calcium	259	416	355
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.00067 J	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0017 J	0.010 U	0.013
mg/L	SW6010	Iron	20.3	10.1	1.6
mg/L	SW6010	Lead	0.010 U	0.0033 J	0.0068 J
mg/L	SW6010	Magnesium	41.0	76.6	33.7
mg/L	SW6010	Manganese	0.75	2.0	0.41
mg/L	SW6010	Nickel	0.0020 J	0.010 U	0.020
mg/L	SW6010	Potassium	7.0	9.4	3.4
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	14.6	17.4	11.2
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	0.0060 J	0.0024 J	0.32
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E ICM-PZ-02S0614	BCC Area E ICM-PZ-03S0614	BCC_AREA E_MW-E08_0614
Location			ICM-PZ-02S	ICM-PZ-03S	MW-E08
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	5.1 J	5.0 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E ICM-PZ-02S0614	BCC Area E ICM-PZ-03S0614	BCC_AREA E_MW-E08_0614
Location			ICM-PZ-02S	ICM-PZ-03S	MW-E08
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	0.31 J	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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	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 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E ICM-PZ-02S0614	BCC Area E ICM-PZ-03S0614	BCC_AREA E_MW-E08_0614
Location			ICM-PZ-02S	ICM-PZ-03S	MW-E08
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
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 UJ	5.0 UJ	5.0 UJ
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	2.6 J	10 U
µg/L	SW8270	Acenaphthene	5.0 U	0.56 J	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	0.32 J	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
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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUARTERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E ICM-PZ-02S0614	BCC Area E ICM-PZ-03S0614	BCC_AREA E_MW-E08_0614
Location			ICM-PZ-02S	ICM-PZ-03S	MW-E08
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
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	3.2 J	5.0 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	0.70 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	1.5 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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E09_0614	BCC_AREA E_MW-E10_0614	BCC_AREA E_RFI-PZ-17_0614
Location			MW-E09	MW-E10	RFI-PZ-17
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.84	0.19 J	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015 U	0.015 U
mg/L	SW6010	Barium	0.012	0.036	0.12
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0060	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	529	493	323
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.017	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.13	0.0036 J	0.010 U
mg/L	SW6010	Iron	5.0	15.9	2.0
mg/L	SW6010	Lead	0.010 U	0.0050 J	0.010 U
mg/L	SW6010	Magnesium	46.3	75.6	48.8
mg/L	SW6010	Manganese	1.8	1.1	0.16
mg/L	SW6010	Nickel	0.084	0.0013 J	0.010 U
mg/L	SW6010	Potassium	3.7	3.3	3.0
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	8.3	10	12.1
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	1.7	0.021	0.0063 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E09_0614	BCC_AREA E_MW-E10_0614	BCC_AREA E_RFI-PZ-17_0614
Location			MW-E09	MW-E10	RFI-PZ-17
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	6.3 J	4.1 J
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E09_0614	BCC_AREA E_MW-E10_0614	BCC_AREA E_RFI-PZ-17_0614
Location			MW-E09	MW-E10	RFI-PZ-17
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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	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 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U	5.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E09_0614	BCC_AREA E_MW-E10_0614	BCC_AREA E_RFI-PZ-17_0614
Location			MW-E09	MW-E10	RFI-PZ-17
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
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 UJ	5.0 UJ	5.0 UJ
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	0.47 J
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
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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_AREA E_MW-E09_0614	BCC_AREA E_MW-E10_0614	BCC_AREA E_RFI-PZ-17_0614
Location			MW-E09	MW-E10	RFI-PZ-17
Sample Date			06/26/2014	06/26/2014	06/26/2014
Sample Delivery Group			480-62785-1	480-62785-1	480-62785-1
Units	Method	Parameter Name			
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	0.54 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	1.2 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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			TRIP BLANK_062614
Location			QC
Sample Date			06/26/2014
Sample Delivery Group			480-62785-1
Units	Method	Parameter Name	
mg/L	SW6010	Aluminum	
mg/L	SW6010	Antimony	
mg/L	SW6010	Arsenic	
mg/L	SW6010	Barium	
mg/L	SW6010	Beryllium	
mg/L	SW6010	Cadmium	
mg/L	SW6010	Calcium	
mg/L	SW6010	Chromium	
mg/L	SW6010	Cobalt	
mg/L	SW6010	Copper	
mg/L	SW6010	Iron	
mg/L	SW6010	Lead	
mg/L	SW6010	Magnesium	
mg/L	SW6010	Manganese	
mg/L	SW6010	Nickel	
mg/L	SW6010	Potassium	
mg/L	SW6010	Selenium	
mg/L	SW6010	Silver	
mg/L	SW6010	Sodium	
mg/L	SW6010	Thallium	
mg/L	SW6010	Vanadium	
mg/L	SW6010	Zinc	
mg/L	SW7470	Mercury	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_062614 QC 06/26/2014 480-62785-1
Units	Method	Parameter Name	
µg/L	SW8260	1,1-Dichloroethene	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U
µg/L	SW8260	2-Hexanone	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U
µg/L	SW8260	Acetone	10 U
µg/L	SW8260	Benzene	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U
µg/L	SW8260	Bromoform	1.0 U
µg/L	SW8260	Bromomethane	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U
µg/L	SW8260	Chloroethane	1.0 U
µg/L	SW8260	Chloroform	1.0 U
µg/L	SW8260	Chloromethane	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_062614 QC 06/26/2014 480-62785-1
Units	Method	Parameter Name	
µg/L	SW8260	Ethylbenzene	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U
µg/L	SW8260	Styrene	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U
µg/L	SW8260	Toluene	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	
µg/L	SW8270	2,4,6-Trichlorophenol	
µg/L	SW8270	2,4-Dichlorophenol	
µg/L	SW8270	2,4-Dimethylphenol	
µg/L	SW8270	2,4-Dinitrophenol	
µg/L	SW8270	2,4-Dinitrotoluene	
µg/L	SW8270	2,6-Dinitrotoluene	
µg/L	SW8270	2-Chloronaphthalene	
µg/L	SW8270	2-Chlorophenol	
µg/L	SW8270	2-Methylnaphthalene	
µg/L	SW8270	2-Methylphenol	
µg/L	SW8270	2-Nitroaniline	
µg/L	SW8270	2-Nitrophenol	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_062614 QC 06/26/2014 480-62785-1
Units	Method	Parameter Name	
µg/L	SW8270	3,3'-Dichlorobenzidine	
µg/L	SW8270	3-Nitroaniline	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	
µg/L	SW8270	4-Bromophenyl phenyl ether	
µg/L	SW8270	4-Chloro-3-methylphenol	
µg/L	SW8270	4-Chloroaniline	
µg/L	SW8270	4-Chlorophenyl phenyl ether	
µg/L	SW8270	4-Methylphenol	
µg/L	SW8270	4-Nitroaniline	
µg/L	SW8270	4-Nitrophenol	
µg/L	SW8270	Acenaphthene	
µg/L	SW8270	Acenaphthylene	
µg/L	SW8270	Acetophenone	
µg/L	SW8270	Aniline	
µg/L	SW8270	Anthracene	
µg/L	SW8270	Atrazine	
µg/L	SW8270	Benzaldehyde	
µg/L	SW8270	Benzo(a)anthracene	
µg/L	SW8270	Benzo(a)pyrene	
µg/L	SW8270	Benzo(b)fluoranthene	
µg/L	SW8270	Benzo(g,h,i)perylene	
µg/L	SW8270	Benzo(k)fluoranthene	
µg/L	SW8270	Biphenyl	
µg/L	SW8270	bis (2-chloroisopropyl) ether	
µg/L	SW8270	Bis(2-chloroethoxy)methane	
µg/L	SW8270	Bis(2-chloroethyl)ether	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	
µg/L	SW8270	Butyl benzyl phthalate	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**JUNE 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			TRIP BLANK_062614 QC 06/26/2014 480-62785-1
Units	Method	Parameter Name	
µg/L	SW8270	Caprolactam	
µg/L	SW8270	Carbazole	
µg/L	SW8270	Chrysene	
µg/L	SW8270	Di-n-butyl phthalate	
µg/L	SW8270	Di-n-octyl phthalate	
µg/L	SW8270	Dibenz(a,h)anthracene	
µg/L	SW8270	Dibenzofuran	
µg/L	SW8270	Diethyl phthalate	
µg/L	SW8270	Dimethyl phthalate	
µg/L	SW8270	Fluoranthene	
µg/L	SW8270	Fluorene	
µg/L	SW8270	Hexachlorobenzene	
µg/L	SW8270	Hexachlorobutadiene	
µg/L	SW8270	Hexachlorocyclopentadiene	
µg/L	SW8270	Hexachloroethane	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	
µg/L	SW8270	Isophorone	
µg/L	SW8270	N-Nitrosodi-n-propylamine	
µg/L	SW8270	N-Nitrosodiphenylamine	
µg/L	SW8270	Naphthalene	
µg/L	SW8270	Nitrobenzene	
µg/L	SW8270	Pentachlorophenol	
µg/L	SW8270	Phenanthrene	
µg/L	SW8270	Phenol	
µg/L	SW8270	Pyrene	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E03_090914	BCC Area E MW-E04_090814
		Location	MW-E03	MW-E04
		Sample Date	09/09/2014	09/08/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	0.75 J
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	2.1
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	0.94 J
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
SEPTEMBER 2014 AREA E QUATERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E03_090914	BCC Area E MW-E04_090814
		Location	MW-E03	MW-E04
		Sample Date	09/09/2014	09/08/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	0.67 J
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	11 U	20 UJ
µg/L	SW8270	2,4,6-Trichlorophenol	11 U	20 UJ
µg/L	SW8270	2,4-Dichlorophenol	2.2 U	4.0 UJ
µg/L	SW8270	2,4-Dimethylphenol	11 U	20 UJ
µg/L	SW8270	2,4-Dinitrophenol	55 U	99 UJ
µg/L	SW8270	2,4-Dinitrotoluene	11 U	20 UJ
µg/L	SW8270	2,6-Dinitrotoluene	11 U	560
µg/L	SW8270	2-Chloronaphthalene	2.2 U	4.0 UJ
µg/L	SW8270	2-Chlorophenol	11 U	20 UJ
µg/L	SW8270	2-Methylnaphthalene	2.2 U	4.0 UJ

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E03_090914	BCC Area E MW-E04_090814
		Location	MW-E03	MW-E04
		Sample Date	09/09/2014	09/08/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8270	2-Methylphenol	11 U	20 UJ
µg/L	SW8270	2-Nitroaniline	55 U	99 UJ
µg/L	SW8270	2-Nitrophenol	11 U	20 UJ
µg/L	SW8270	3,3'-Dichlorobenzidine	11 U	20 UJ
µg/L	SW8270	3-Nitroaniline	55 U	99 UJ
µg/L	SW8270	4,6-Dinitro-2-methylphenol	55 U	99 UJ
µg/L	SW8270	4-Bromophenyl phenyl ether	11 U	20 UJ
µg/L	SW8270	4-Chloro-3-methylphenol	11 U	20 UJ
µg/L	SW8270	4-Chloroaniline	11 U	20 UJ
µg/L	SW8270	4-Chlorophenyl phenyl ether	11 U	20 UJ
µg/L	SW8270	4-Methylphenol	11 U	20 UJ
µg/L	SW8270	4-Nitroaniline	55 U	99 UJ
µg/L	SW8270	4-Nitrophenol	55 U	99 UJ
µg/L	SW8270	Acenaphthene	2.2 U	4.0 UJ
µg/L	SW8270	Acenaphthylene	2.2 U	4.0 UJ
µg/L	SW8270	Acetophenone	11 U	20 UJ
µg/L	SW8270	Aniline	11 U	20 UJ
µg/L	SW8270	Anthracene	2.2 U	4.0 UJ
µg/L	SW8270	Atrazine	11 U	20 UJ
µg/L	SW8270	Benzaldehyde	11 U	20 UJ
µg/L	SW8270	Benzo(a)anthracene	2.2 U	4.0 UJ
µg/L	SW8270	Benzo(a)pyrene	2.2 U	4.0 UJ
µg/L	SW8270	Benzo(b)fluoranthene	2.2 U	4.0 UJ
µg/L	SW8270	Benzo(g,h,i)perylene	2.2 U	4.0 UJ
µg/L	SW8270	Benzo(k)fluoranthene	2.2 U	4.0 UJ
µg/L	SW8270	Biphenyl	11 U	20 UJ
µg/L	SW8270	bis (2-chloroisopropyl) ether	2.2 U	4.0 UJ
µg/L	SW8270	Bis(2-chloroethoxy)methane	11 U	20 UJ
µg/L	SW8270	Bis(2-chloroethyl)ether	2.2 U	4.0 UJ

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E MW-E03_090914	BCC Area E MW-E04_090814
Location		MW-E03	MW-E04
Sample Date		09/09/2014	09/08/2014
Sample Delivery Group		480-67020-1	480-67020-1
Units Method	Parameter Name		
µg/L SW8270	Bis(2-ethylhexyl) phthalate	22 U	40 UJ
µg/L SW8270	Butyl benzyl phthalate	11 U	20 UJ
µg/L SW8270	Caprolactam	55 U	99 UJ
µg/L SW8270	Carbazole	2.2 U	4.0 UJ
µg/L SW8270	Chrysene	2.2 U	4.0 UJ
µg/L SW8270	Di-n-butyl phthalate	11 U	20 UJ
µg/L SW8270	Di-n-octyl phthalate	11 U	20 UJ
µg/L SW8270	Dibenz(a,h)anthracene	2.2 U	4.0 UJ
µg/L SW8270	Dibenzofuran	11 U	20 UJ
µg/L SW8270	Diethyl phthalate	11 U	20 UJ
µg/L SW8270	Dimethyl phthalate	11 U	20 UJ
µg/L SW8270	Fluoranthene	2.2 U	4.0 UJ
µg/L SW8270	Fluorene	2.2 U	4.0 UJ
µg/L SW8270	Hexachlorobenzene	2.2 U	4.0 UJ
µg/L SW8270	Hexachlorobutadiene	2.2 U	4.0 UJ
µg/L SW8270	Hexachlorocyclopentadiene	11 U	20 UJ
µg/L SW8270	Hexachloroethane	11 U	20 UJ
µg/L SW8270	Indeno(1,2,3-cd)pyrene	2.2 U	4.0 UJ
µg/L SW8270	Isophorone	11 U	20 UJ
µg/L SW8270	N-Nitrosodi-n-propylamine	2.2 U	4.0 UJ
µg/L SW8270	N-Nitrosodiphenylamine	11 U	20 UJ
µg/L SW8270	Naphthalene	2.2 U	4.0 UJ
µg/L SW8270	Nitrobenzene	22 U	2.8 J
µg/L SW8270	Pentachlorophenol	11 U	20 UJ
µg/L SW8270	Phenanthrene	2.2 U	4.0 UJ
µg/L SW8270	Phenol	2.2 U	4.0 UJ
µg/L SW8270	Pyrene	2.2 U	4.0 UJ
mg/L SW6010	Aluminum	0.14 J	0.74
mg/L SW6010	Antimony	0.020 U	0.11



**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
SEPTEMBER 2014 AREA E QUATERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E03_090914	BCC Area E MW-E04_090814
		Location	MW-E03	MW-E04
		Sample Date	09/09/2014	09/08/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
mg/L	SW6010	Arsenic	0.015 U	0.011 J
mg/L	SW6010	Barium	0.070	0.059
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0011 J
mg/L	SW6010	Calcium	208	139
mg/L	SW6010	Chromium	0.0016 J	0.0035 J
mg/L	SW6010	Cobalt	0.0040 U	0.0033 J
mg/L	SW6010	Copper	0.0019 J	0.027
mg/L	SW6010	Iron	0.22	1.1
mg/L	SW6010	Lead	0.010 U	0.010 U
mg/L	SW6010	Magnesium	24.4	28.0
mg/L	SW6010	Manganese	0.022	0.53
mg/L	SW6010	Nickel	0.0023 J	0.011
mg/L	SW6010	Potassium	5.3	7.1
mg/L	SW6010	Selenium	0.011 J	0.010 J
mg/L	SW6010	Silver	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	25.5	19.7
mg/L	SW6010	Thallium	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0026 J
mg/L	SW6010	Zinc	0.0056 J	0.17
mg/L	SW7470	Mercury	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E05_090914	BCC Area E MW-E06_090914
		Location	MW-E05	MW-E06
		Sample Date	09/09/2014	09/09/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.4	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E05_090914	BCC Area E MW-E06_090914
		Location	MW-E05	MW-E06
		Sample Date	09/09/2014	09/09/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	10 U	10 UJ
µg/L	SW8270	2,4,6-Trichlorophenol	10 U	10 UJ
µg/L	SW8270	2,4-Dichlorophenol	2.0 U	2.0 UJ
µg/L	SW8270	2,4-Dimethylphenol	10 U	10 UJ
µg/L	SW8270	2,4-Dinitrophenol	50 U	50 UJ
µg/L	SW8270	2,4-Dinitrotoluene	10 U	10 UJ
µg/L	SW8270	2,6-Dinitrotoluene	10 U	10 UJ
µg/L	SW8270	2-Chloronaphthalene	2.0 U	2.0 UJ
µg/L	SW8270	2-Chlorophenol	10 U	10 UJ
µg/L	SW8270	2-Methylnaphthalene	2.0 U	2.0 UJ

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E05_090914	BCC Area E MW-E06_090914
		Location	MW-E05	MW-E06
		Sample Date	09/09/2014	09/09/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8270	2-Methylphenol	10 U	10 UJ
µg/L	SW8270	2-Nitroaniline	50 U	50 UJ
µg/L	SW8270	2-Nitrophenol	10 U	10 UJ
µg/L	SW8270	3,3'-Dichlorobenzidine	10 U	10 UJ
µg/L	SW8270	3-Nitroaniline	50 U	50 UJ
µg/L	SW8270	4,6-Dinitro-2-methylphenol	50 U	50 UJ
µg/L	SW8270	4-Bromophenyl phenyl ether	10 U	10 UJ
µg/L	SW8270	4-Chloro-3-methylphenol	10 U	10 UJ
µg/L	SW8270	4-Chloroaniline	10 U	10 UJ
µg/L	SW8270	4-Chlorophenyl phenyl ether	10 U	10 UJ
µg/L	SW8270	4-Methylphenol	10 U	10 UJ
µg/L	SW8270	4-Nitroaniline	50 U	50 UJ
µg/L	SW8270	4-Nitrophenol	50 U	50 UJ
µg/L	SW8270	Acenaphthene	2.0 U	2.0 UJ
µg/L	SW8270	Acenaphthylene	2.0 U	2.0 UJ
µg/L	SW8270	Acetophenone	10 U	10 UJ
µg/L	SW8270	Aniline	10 U	10 UJ
µg/L	SW8270	Anthracene	2.0 U	2.0 UJ
µg/L	SW8270	Atrazine	10 U	10 UJ
µg/L	SW8270	Benzaldehyde	10 U	10 UJ
µg/L	SW8270	Benzo(a)anthracene	2.0 U	2.0 UJ
µg/L	SW8270	Benzo(a)pyrene	2.0 U	2.0 UJ
µg/L	SW8270	Benzo(b)fluoranthene	2.0 U	2.0 UJ
µg/L	SW8270	Benzo(g,h,i)perylene	2.0 U	2.0 UJ
µg/L	SW8270	Benzo(k)fluoranthene	2.0 U	2.0 UJ
µg/L	SW8270	Biphenyl	10 U	10 UJ
µg/L	SW8270	bis (2-chloroisopropyl) ether	2.0 U	2.0 UJ
µg/L	SW8270	Bis(2-chloroethoxy)methane	10 U	10 UJ
µg/L	SW8270	Bis(2-chloroethyl)ether	2.0 U	2.0 UJ

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E05_090914	BCC Area E MW-E06_090914
		Location	MW-E05	MW-E06
		Sample Date	09/09/2014	09/09/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	20 U	20 UJ
µg/L	SW8270	Butyl benzyl phthalate	10 U	10 UJ
µg/L	SW8270	Caprolactam	50 U	50 UJ
µg/L	SW8270	Carbazole	2.0 U	2.0 UJ
µg/L	SW8270	Chrysene	2.0 U	2.0 UJ
µg/L	SW8270	Di-n-butyl phthalate	10 U	10 UJ
µg/L	SW8270	Di-n-octyl phthalate	10 U	10 UJ
µg/L	SW8270	Dibenz(a,h)anthracene	2.0 U	2.0 UJ
µg/L	SW8270	Dibenzofuran	10 U	10 UJ
µg/L	SW8270	Diethyl phthalate	10 U	10 UJ
µg/L	SW8270	Dimethyl phthalate	10 U	10 UJ
µg/L	SW8270	Fluoranthene	2.0 U	2.0 UJ
µg/L	SW8270	Fluorene	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorobenzene	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorobutadiene	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorocyclopentadiene	10 U	10 UJ
µg/L	SW8270	Hexachloroethane	10 U	10 UJ
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	2.0 U	2.0 UJ
µg/L	SW8270	Isophorone	10 U	10 UJ
µg/L	SW8270	N-Nitrosodi-n-propylamine	2.0 U	2.0 UJ
µg/L	SW8270	N-Nitrosodiphenylamine	10 U	10 UJ
µg/L	SW8270	Naphthalene	2.0 U	2.0 UJ
µg/L	SW8270	Nitrobenzene	20 U	20 UJ
µg/L	SW8270	Pentachlorophenol	10 U	10 UJ
µg/L	SW8270	Phenanthrene	2.0 U	2.0 UJ
µg/L	SW8270	Phenol	2.0 U	2.0 UJ
µg/L	SW8270	Pyrene	2.0 U	2.0 UJ
mg/L	SW6010	Aluminum	0.53	0.20
mg/L	SW6010	Antimony	0.020 U	0.020 U

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
SEPTEMBER 2014 AREA E QUATERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E05_090914	BCC Area E MW-E06_090914
		Location	MW-E05	MW-E06
		Sample Date	09/09/2014	09/09/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
mg/L	SW6010	Arsenic	0.0099 J	0.032
mg/L	SW6010	Barium	0.059	0.033
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.016	0.0020 U
mg/L	SW6010	Calcium	165	348
mg/L	SW6010	Chromium	0.0018 J	0.0019 J
mg/L	SW6010	Cobalt	0.0026 J	0.014
mg/L	SW6010	Copper	0.14	0.0082 J
mg/L	SW6010	Iron	0.76	77.6
mg/L	SW6010	Lead	0.029	0.010 U
mg/L	SW6010	Magnesium	19.9	20.9
mg/L	SW6010	Manganese	0.056	2.0
mg/L	SW6010	Nickel	0.022	0.018
mg/L	SW6010	Potassium	8.2	5.8
mg/L	SW6010	Selenium	0.046	0.0092 J
mg/L	SW6010	Silver	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	103	48.8
mg/L	SW6010	Thallium	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0020 J	0.0023 J
mg/L	SW6010	Zinc	3.6	0.75
mg/L	SW7470	Mercury	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E MW-E07_091014	BCC Area E R-10_090814	BCC Area E R-11_090914
Location		MW-E07	R-10	R-11
Sample Date		09/10/2014	09/08/2014	09/09/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units Method	Parameter Name			
µg/L SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L SW8260	Acetone	10 U	3.9 J	4.3 J
µg/L SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E MW-E07_091014	BCC Area E R-10_090814	BCC Area E R-11_090914
Location		MW-E07	R-10	R-11
Sample Date		09/10/2014	09/08/2014	09/09/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	0.37 J
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.9 UJ	9.7 UJ
µg/L	SW8270	2,4,6-Trichlorophenol	9.9 UJ	9.7 UJ
µg/L	SW8270	2,4-Dichlorophenol	2.0 UJ	1.9 UJ
µg/L	SW8270	2,4-Dimethylphenol	9.9 UJ	9.7 UJ
µg/L	SW8270	2,4-Dinitrophenol	50 UJ	49 UJ
µg/L	SW8270	2,4-Dinitrotoluene	9.9 UJ	9.7 UJ
µg/L	SW8270	2,6-Dinitrotoluene	9.9 UJ	9.7 UJ
µg/L	SW8270	2-Chloronaphthalene	2.0 UJ	1.9 UJ
µg/L	SW8270	2-Chlorophenol	9.9 UJ	9.7 UJ
µg/L	SW8270	2-Methylnaphthalene	2.0 UJ	1.9 UJ



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E MW-E07_091014	BCC Area E R-10_090814	BCC Area E R-11_090914
Location		MW-E07	R-10	R-11
Sample Date		09/10/2014	09/08/2014	09/09/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8270	2-Methylphenol	9.9 UJ	10 U
µg/L	SW8270	2-Nitroaniline	50 UJ	50 U
µg/L	SW8270	2-Nitrophenol	9.9 UJ	10 U
µg/L	SW8270	3,3'-Dichlorobenzidine	9.9 UJ	10 U
µg/L	SW8270	3-Nitroaniline	50 UJ	50 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	50 UJ	50 U
µg/L	SW8270	4-Bromophenyl phenyl ether	9.9 UJ	10 U
µg/L	SW8270	4-Chloro-3-methylphenol	9.9 UJ	10 U
µg/L	SW8270	4-Chloroaniline	9.9 UJ	10 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	9.9 UJ	10 U
µg/L	SW8270	4-Methylphenol	9.9 UJ	10 U
µg/L	SW8270	4-Nitroaniline	50 UJ	50 U
µg/L	SW8270	4-Nitrophenol	50 UJ	50 U
µg/L	SW8270	Acenaphthene	17	2.0 U
µg/L	SW8270	Acenaphthylene	0.37 J	2.0 U
µg/L	SW8270	Acetophenone	9.9 UJ	10 U
µg/L	SW8270	Aniline	9.9 UJ	10 U
µg/L	SW8270	Anthracene	1.7 J	2.0 U
µg/L	SW8270	Atrazine	9.9 UJ	10 U
µg/L	SW8270	Benzaldehyde	9.9 UJ	10 U
µg/L	SW8270	Benzo(a)anthracene	2.0 UJ	2.0 U
µg/L	SW8270	Benzo(a)pyrene	2.0 UJ	2.0 U
µg/L	SW8270	Benzo(b)fluoranthene	2.0 UJ	2.0 U
µg/L	SW8270	Benzo(g,h,i)perylene	2.0 UJ	2.0 U
µg/L	SW8270	Benzo(k)fluoranthene	2.0 UJ	2.0 U
µg/L	SW8270	Biphenyl	9.9 UJ	10 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	2.0 UJ	2.0 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	9.9 UJ	10 U
µg/L	SW8270	Bis(2-chloroethyl)ether	2.0 UJ	2.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E07_091014	BCC Area E R-10_090814	BCC Area E R-11_090914
Location			MW-E07	R-10	R-11
Sample Date			09/10/2014	09/08/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	20 UJ	19 UJ	20 U
µg/L	SW8270	Butyl benzyl phthalate	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Caprolactam	50 UJ	49 UJ	50 U
µg/L	SW8270	Carbazole	1.3 J	1.9 UJ	2.0 U
µg/L	SW8270	Chrysene	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	Di-n-butyl phthalate	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Di-n-octyl phthalate	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Dibenz(a,h)anthracene	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	Dibenzofuran	4.7 J	9.7 UJ	10 U
µg/L	SW8270	Diethyl phthalate	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Dimethyl phthalate	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Fluoranthene	3.0	1.9 UJ	2.0 U
µg/L	SW8270	Fluorene	9.8	1.9 UJ	2.0 U
µg/L	SW8270	Hexachlorobenzene	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	Hexachlorobutadiene	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Hexachloroethane	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	Isophorone	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Naphthalene	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	Nitrobenzene	20 UJ	19 UJ	20 U
µg/L	SW8270	Pentachlorophenol	9.9 UJ	9.7 UJ	10 U
µg/L	SW8270	Phenanthrene	0.63 J	1.9 UJ	2.0 U
µg/L	SW8270	Phenol	2.0 UJ	1.9 UJ	2.0 U
µg/L	SW8270	Pyrene	1.6 J	1.9 UJ	2.0 U
mg/L	SW6010	Aluminum	0.079 J	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E MW-E07_091014	BCC Area E R-10_090814	BCC Area E R-11_090914
Location		MW-E07	R-10	R-11
Sample Date		09/10/2014	09/08/2014	09/09/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units Method	Parameter Name			
mg/L SW6010	Arsenic	0.061	0.015 U	0.015 U
mg/L SW6010	Barium	0.022	0.16	0.10
mg/L SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L SW6010	Calcium	140	81.6	55.1
mg/L SW6010	Chromium	0.0016 J	0.0013 J	0.0040 U
mg/L SW6010	Cobalt	0.0047	0.0040 U	0.0040 U
mg/L SW6010	Copper	0.0055 J	0.010 U	0.010 U
mg/L SW6010	Iron	55.3	11.2	0.54
mg/L SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L SW6010	Magnesium	14.0	35.3	16.3
mg/L SW6010	Manganese	0.23	0.16	0.0083
mg/L SW6010	Nickel	0.0067 J	0.0014 J	0.010 U
mg/L SW6010	Potassium	13.2	3.7	4.2
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	27.6	111	21.0
mg/L SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L SW6010	Vanadium	0.0028 J	0.0050 U	0.0050 U
mg/L SW6010	Zinc	0.029	0.0078 J	0.27
mg/L SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-17_090814	BCC Area E RFI-29_090914	BCC Area E RFI-32_090914
Location			RFI-17	RFI-29	RFI-32
Sample Date			09/08/2014	09/09/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	40 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	40 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	3.0	40 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	40 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0	40 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	5.4	40 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	400 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	200 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	200 U
µg/L	SW8260	Acetone	10 U	10 U	400 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	40 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	40 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	40 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	40 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	40 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	40 U
µg/L	SW8260	Chlorobenzene	1.0 U	15	2400
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	40 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	40 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	40 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	40 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-17_090814	BCC Area E RFI-29_090914	BCC Area E RFI-32_090914
Location			RFI-17	RFI-29	RFI-32
Sample Date			09/08/2014	09/09/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name			
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	40 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	40 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	40 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	40 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	40 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	40 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	100 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	40 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	40 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	40 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	40 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	40 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	40 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	40 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	40 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	40 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	40 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	40 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	80 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.8 U	10 U	9.8 UJ
µg/L	SW8270	2,4,6-Trichlorophenol	9.8 U	10 U	9.8 UJ
µg/L	SW8270	2,4-Dichlorophenol	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	2,4-Dimethylphenol	9.8 U	10 U	9.8 UJ
µg/L	SW8270	2,4-Dinitrophenol	49 U	50 U	49 UJ
µg/L	SW8270	2,4-Dinitrotoluene	9.8 U	10 U	9.8 UJ
µg/L	SW8270	2,6-Dinitrotoluene	9.8 U	10 U	9.8 UJ
µg/L	SW8270	2-Chloronaphthalene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	2-Chlorophenol	9.8 U	10 U	23
µg/L	SW8270	2-Methylnaphthalene	2.0 U	2.0 U	2.0 UJ

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E RFI-17_090814	BCC Area E RFI-29_090914	BCC Area E RFI-32_090914
Location		RFI-17	RFI-29	RFI-32
Sample Date		09/08/2014	09/09/2014	09/09/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units Method	Parameter Name			
µg/L SW8270	2-Methylphenol	9.8 U	10 U	9.8 UJ
µg/L SW8270	2-Nitroaniline	49 U	50 U	49 UJ
µg/L SW8270	2-Nitrophenol	9.8 U	10 U	9.8 UJ
µg/L SW8270	3,3'-Dichlorobenzidine	9.8 U	10 U	9.8 UJ
µg/L SW8270	3-Nitroaniline	49 U	50 U	49 UJ
µg/L SW8270	4,6-Dinitro-2-methylphenol	49 U	50 U	49 UJ
µg/L SW8270	4-Bromophenyl phenyl ether	9.8 U	10 U	9.8 UJ
µg/L SW8270	4-Chloro-3-methylphenol	9.8 U	10 U	9.8 UJ
µg/L SW8270	4-Chloroaniline	9.8 U	10 U	9.8 UJ
µg/L SW8270	4-Chlorophenyl phenyl ether	9.8 U	10 U	9.8 UJ
µg/L SW8270	4-Methylphenol	9.8 U	10 U	9.8 UJ
µg/L SW8270	4-Nitroaniline	49 U	50 U	49 UJ
µg/L SW8270	4-Nitrophenol	49 U	50 U	49 UJ
µg/L SW8270	Acenaphthene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Acenaphthylene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Acetophenone	9.8 U	10 U	9.8 UJ
µg/L SW8270	Aniline	9.8 U	10 U	9.8 UJ
µg/L SW8270	Anthracene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Atrazine	9.8 U	10 U	9.8 UJ
µg/L SW8270	Benzaldehyde	9.8 U	10 U	9.8 UJ
µg/L SW8270	Benzo(a)anthracene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Benzo(a)pyrene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Benzo(b)fluoranthene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Benzo(g,h,i)perylene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Benzo(k)fluoranthene	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Biphenyl	9.8 U	10 U	9.8 UJ
µg/L SW8270	bis (2-chloroisopropyl) ether	2.0 U	2.0 U	2.0 UJ
µg/L SW8270	Bis(2-chloroethoxy)methane	9.8 U	10 U	9.8 UJ
µg/L SW8270	Bis(2-chloroethyl)ether	2.0 U	2.0 U	2.0 UJ

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-17_090814	BCC Area E RFI-29_090914	BCC Area E RFI-32_090914
Location			RFI-17	RFI-29	RFI-32
Sample Date			09/08/2014	09/09/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	39	20 U	20 UJ
µg/L	SW8270	Butyl benzyl phthalate	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Caprolactam	49 U	50 U	49 UJ
µg/L	SW8270	Carbazole	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Chrysene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Di-n-butyl phthalate	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Di-n-octyl phthalate	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Dibenz(a,h)anthracene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Dibenzofuran	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Diethyl phthalate	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Dimethyl phthalate	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Fluoranthene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Fluorene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorobenzene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorobutadiene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorocyclopentadiene	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Hexachloroethane	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Isophorone	9.8 U	10 U	9.8 UJ
µg/L	SW8270	N-Nitrosodi-n-propylamine	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	N-Nitrosodiphenylamine	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Naphthalene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Nitrobenzene	20 U	20 U	20 UJ
µg/L	SW8270	Pentachlorophenol	9.8 U	10 U	9.8 UJ
µg/L	SW8270	Phenanthrene	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Phenol	2.0 U	2.0 U	2.0 UJ
µg/L	SW8270	Pyrene	2.0 U	2.0 U	2.0 UJ
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.062 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
SEPTEMBER 2014 AREA E QUATERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-17_090814	BCC Area E RFI-29_090914	BCC Area E RFI-32_090914
Location			RFI-17	RFI-29	RFI-32
Sample Date			09/08/2014	09/09/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name			
mg/L	SW6010	Arsenic	0.015 U	0.0096 J	0.0071 J
mg/L	SW6010	Barium	0.032	0.099	0.012
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.00074 J
mg/L	SW6010	Calcium	173	55.4	327
mg/L	SW6010	Chromium	0.0025 J	0.0040 U	0.0025 J
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.016
mg/L	SW6010	Copper	0.010 U	0.010 U	0.0037 J
mg/L	SW6010	Iron	0.034 J	0.040 J	9.1
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U
mg/L	SW6010	Magnesium	34.8	8.9	134
mg/L	SW6010	Manganese	0.019	0.052	1.2
mg/L	SW6010	Nickel	0.0045 J	0.010 U	0.029
mg/L	SW6010	Potassium	1.5	3.5	4.2
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	17.5	140	87.9
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	0.0054 J	0.0049 J	0.027
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E RFI-33_090814	BCC Area E RFI-51_091014	BCC Area E RFI-33D_090814
Location		RFI-33	RFI-51	RFI-33
Sample Date		09/08/2014	09/10/2014	09/08/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E RFI-33_090814	BCC Area E RFI-51_091014	BCC Area E RFI-33D_090814
Location		RFI-33	RFI-51	RFI-33
Sample Date		09/08/2014	09/10/2014	09/08/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.7 UJ	10 U
µg/L	SW8270	2,4,6-Trichlorophenol	9.7 UJ	10 U
µg/L	SW8270	2,4-Dichlorophenol	1.9 UJ	2.0 U
µg/L	SW8270	2,4-Dimethylphenol	9.7 UJ	10 U
µg/L	SW8270	2,4-Dinitrophenol	49 UJ	50 U
µg/L	SW8270	2,4-Dinitrotoluene	9.7 UJ	10 U
µg/L	SW8270	2,6-Dinitrotoluene	9.7 UJ	10 U
µg/L	SW8270	2-Chloronaphthalene	1.9 UJ	2.0 U
µg/L	SW8270	2-Chlorophenol	9.7 UJ	10 U
µg/L	SW8270	2-Methylnaphthalene	1.9 UJ	2.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E RFI-33_090814	BCC Area E RFI-51_091014	BCC Area E RFI-33D_090814
Location		RFI-33	RFI-51	RFI-33
Sample Date		09/08/2014	09/10/2014	09/08/2014
Sample Delivery Group		480-67020-1	480-67020-1	480-67020-1
Units Method	Parameter Name			
µg/L SW8270	2-Methylphenol	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	2-Nitroaniline	49 UJ	50 U	50 UJ
µg/L SW8270	2-Nitrophenol	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	3,3'-Dichlorobenzidine	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	3-Nitroaniline	49 UJ	50 U	50 UJ
µg/L SW8270	4,6-Dinitro-2-methylphenol	49 UJ	50 U	50 UJ
µg/L SW8270	4-Bromophenyl phenyl ether	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	4-Chloro-3-methylphenol	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	4-Chloroaniline	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	4-Chlorophenyl phenyl ether	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	4-Methylphenol	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	4-Nitroaniline	49 UJ	50 U	50 UJ
µg/L SW8270	4-Nitrophenol	49 UJ	50 U	50 UJ
µg/L SW8270	Acenaphthene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Acenaphthylene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Acetophenone	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	Aniline	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	Anthracene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Atrazine	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	Benzaldehyde	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	Benzo(a)anthracene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Benzo(a)pyrene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Benzo(b)fluoranthene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Benzo(g,h,i)perylene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Benzo(k)fluoranthene	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Biphenyl	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	bis (2-chloroisopropyl) ether	1.9 UJ	2.0 U	2.0 UJ
µg/L SW8270	Bis(2-chloroethoxy)methane	9.7 UJ	10 U	9.9 UJ
µg/L SW8270	Bis(2-chloroethyl)ether	1.9 UJ	2.0 U	2.0 UJ

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-33_090814	BCC Area E RFI-51_091014	BCC Area E RFI-33D_090814
Location			RFI-33	RFI-51	RFI-33
Sample Date			09/08/2014	09/10/2014	09/08/2014
Sample Delivery Group			480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name			
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	19 UJ	20 U	20 UJ
µg/L	SW8270	Butyl benzyl phthalate	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Caprolactam	49 UJ	50 U	50 UJ
µg/L	SW8270	Carbazole	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Chrysene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Di-n-butyl phthalate	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Di-n-octyl phthalate	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Dibenz(a,h)anthracene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Dibenzofuran	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Diethyl phthalate	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Dimethyl phthalate	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Fluoranthene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Fluorene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorobenzene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorobutadiene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Hexachlorocyclopentadiene	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Hexachloroethane	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Isophorone	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	N-Nitrosodi-n-propylamine	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	N-Nitrosodiphenylamine	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Naphthalene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Nitrobenzene	19 UJ	20 U	20 UJ
µg/L	SW8270	Pentachlorophenol	9.7 UJ	10 U	9.9 UJ
µg/L	SW8270	Phenanthrene	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Phenol	1.9 UJ	2.0 U	2.0 UJ
µg/L	SW8270	Pyrene	1.9 UJ	2.0 U	2.0 UJ
mg/L	SW6010	Aluminum	0.086 J	0.20 U	0.18 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-33_090814	BCC Area E RFI-51_091014	BCC Area E RFI-33D_090814
Location			RFI-33	RFI-51	RFI-33
Sample Date			09/08/2014	09/10/2014	09/08/2014
Sample Delivery Group			480-67020-1	480-67020-1	480-67020-1
Units	Method	Parameter Name			
mg/L	SW6010	Arsenic	0.015 U	0.49	0.015 U
mg/L	SW6010	Barium	0.060	0.024	0.060
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0011 J	0.00074 J	0.0012 J
mg/L	SW6010	Calcium	116	509	114
mg/L	SW6010	Chromium	0.019 J	0.0026 J	0.033 J
mg/L	SW6010	Cobalt	0.0016 J	0.0021 J	0.0019 J
mg/L	SW6010	Copper	0.0037 J	0.0022 J	0.0040 J
mg/L	SW6010	Iron	0.90	15.9	0.93
mg/L	SW6010	Lead	0.010 U	0.0036 J	0.010 U
mg/L	SW6010	Magnesium	40.2	189	39.2
mg/L	SW6010	Manganese	0.33	1.7	0.33
mg/L	SW6010	Nickel	0.057	0.0064 J	0.061
mg/L	SW6010	Potassium	1.0	27.7	1.1
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	257	196	256
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	0.011	0.0038 J	0.010
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
SEPTEMBER 2014 AREA E QUATERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E RFI-PZ-16_091014	TRIP BLANK_090914
		Location	RFI-PZ-16	QC
		Sample Date	09/10/2014	09/09/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-PZ-16_091014	TRIP BLANK_090914
Location			RFI-PZ-16	QC
Sample Date			09/10/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.9 UJ	
µg/L	SW8270	2,4,6-Trichlorophenol	9.9 UJ	
µg/L	SW8270	2,4-Dichlorophenol	2.0 UJ	
µg/L	SW8270	2,4-Dimethylphenol	9.9 UJ	
µg/L	SW8270	2,4-Dinitrophenol	50 UJ	
µg/L	SW8270	2,4-Dinitrotoluene	9.9 UJ	
µg/L	SW8270	2,6-Dinitrotoluene	9.9 UJ	
µg/L	SW8270	2-Chloronaphthalene	2.0 UJ	
µg/L	SW8270	2-Chlorophenol	9.9 UJ	
µg/L	SW8270	2-Methylnaphthalene	2.0 UJ	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**SEPTEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E RFI-PZ-16_091014	TRIP BLANK_090914
		Location	RFI-PZ-16	QC
		Sample Date	09/10/2014	09/09/2014
		Sample Delivery Group	480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8270	2-Methylphenol	9.9 UJ	
µg/L	SW8270	2-Nitroaniline	50 UJ	
µg/L	SW8270	2-Nitrophenol	9.9 UJ	
µg/L	SW8270	3,3'-Dichlorobenzidine	9.9 UJ	
µg/L	SW8270	3-Nitroaniline	50 UJ	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	50 UJ	
µg/L	SW8270	4-Bromophenyl phenyl ether	9.9 UJ	
µg/L	SW8270	4-Chloro-3-methylphenol	9.9 UJ	
µg/L	SW8270	4-Chloroaniline	9.9 UJ	
µg/L	SW8270	4-Chlorophenyl phenyl ether	9.9 UJ	
µg/L	SW8270	4-Methylphenol	9.9 UJ	
µg/L	SW8270	4-Nitroaniline	50 UJ	
µg/L	SW8270	4-Nitrophenol	50 UJ	
µg/L	SW8270	Acenaphthene	2.0 UJ	
µg/L	SW8270	Acenaphthylene	2.0 UJ	
µg/L	SW8270	Acetophenone	9.9 UJ	
µg/L	SW8270	Aniline	9.9 UJ	
µg/L	SW8270	Anthracene	2.0 UJ	
µg/L	SW8270	Atrazine	9.9 UJ	
µg/L	SW8270	Benzaldehyde	9.9 UJ	
µg/L	SW8270	Benzo(a)anthracene	2.0 UJ	
µg/L	SW8270	Benzo(a)pyrene	2.0 UJ	
µg/L	SW8270	Benzo(b)fluoranthene	2.0 UJ	
µg/L	SW8270	Benzo(g,h,i)perylene	2.0 UJ	
µg/L	SW8270	Benzo(k)fluoranthene	2.0 UJ	
µg/L	SW8270	Biphenyl	9.9 UJ	
µg/L	SW8270	bis (2-chloroisopropyl) ether	2.0 UJ	
µg/L	SW8270	Bis(2-chloroethoxy)methane	9.9 UJ	
µg/L	SW8270	Bis(2-chloroethyl)ether	2.0 UJ	



**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
SEPTEMBER 2014 AREA E QUATERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-PZ-16_091014	TRIP BLANK_090914
Location			RFI-PZ-16	QC
Sample Date			09/10/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1
Units	Method	Parameter Name		
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	20 UJ	
µg/L	SW8270	Butyl benzyl phthalate	9.9 UJ	
µg/L	SW8270	Caprolactam	50 UJ	
µg/L	SW8270	Carbazole	2.0 UJ	
µg/L	SW8270	Chrysene	2.0 UJ	
µg/L	SW8270	Di-n-butyl phthalate	9.9 UJ	
µg/L	SW8270	Di-n-octyl phthalate	9.9 UJ	
µg/L	SW8270	Dibenz(a,h)anthracene	2.0 UJ	
µg/L	SW8270	Dibenzofuran	9.9 UJ	
µg/L	SW8270	Diethyl phthalate	9.9 UJ	
µg/L	SW8270	Dimethyl phthalate	9.9 UJ	
µg/L	SW8270	Fluoranthene	2.0 UJ	
µg/L	SW8270	Fluorene	2.0 UJ	
µg/L	SW8270	Hexachlorobenzene	2.0 UJ	
µg/L	SW8270	Hexachlorobutadiene	2.0 UJ	
µg/L	SW8270	Hexachlorocyclopentadiene	9.9 UJ	
µg/L	SW8270	Hexachloroethane	9.9 UJ	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	2.0 UJ	
µg/L	SW8270	Isophorone	9.9 UJ	
µg/L	SW8270	N-Nitrosodi-n-propylamine	2.0 UJ	
µg/L	SW8270	N-Nitrosodiphenylamine	9.9 UJ	
µg/L	SW8270	Naphthalene	2.0 UJ	
µg/L	SW8270	Nitrobenzene	20 UJ	
µg/L	SW8270	Pentachlorophenol	9.9 UJ	
µg/L	SW8270	Phenanthrene	2.0 UJ	
µg/L	SW8270	Phenol	2.0 UJ	
µg/L	SW8270	Pyrene	2.0 UJ	
mg/L	SW6010	Aluminum	0.060 J	
mg/L	SW6010	Antimony	0.020 U	

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
SEPTEMBER 2014 AREA E QUATERLY SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-PZ-16_091014	TRIP BLANK_090914
Location			RFI-PZ-16	QC
Sample Date			09/10/2014	09/09/2014
Sample Delivery Group			480-67020-1	480-67020-1
Units	Method	Parameter Name		
mg/L	SW6010	Arsenic	0.015 U	
mg/L	SW6010	Barium	0.080	
mg/L	SW6010	Beryllium	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	
mg/L	SW6010	Calcium	230	
mg/L	SW6010	Chromium	0.0016 J	
mg/L	SW6010	Cobalt	0.00090 J	
mg/L	SW6010	Copper	0.0045 J	
mg/L	SW6010	Iron	2.8	
mg/L	SW6010	Lead	0.010 U	
mg/L	SW6010	Magnesium	56.1	
mg/L	SW6010	Manganese	0.38	
mg/L	SW6010	Nickel	0.0082 J	
mg/L	SW6010	Potassium	6.7	
mg/L	SW6010	Selenium	0.011 J	
mg/L	SW6010	Silver	0.0060 U	
mg/L	SW6010	Sodium	23.6	
mg/L	SW6010	Thallium	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	
mg/L	SW6010	Zinc	0.21	
mg/L	SW7470	Mercury	0.00020 U	

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E03_111014	BCC Area E MW-E04_111014	BCC Area E MW-E05_111114
		Location	MW-E03	MW-E04	MW-E05
		Sample Date	11/10/2014	11/10/2014	11/11/2014
		Sample Delivery Group	480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	3.2
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E03_111014	BCC Area E MW-E04_111014	BCC Area E MW-E05_111114
Location			MW-E03	MW-E04	MW-E05
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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	260	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	710	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	5.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E MW-E03_111014	BCC Area E MW-E04_111014	BCC Area E MW-E05_111114
		Location	MW-E03	MW-E04	MW-E05
		Sample Date	11/10/2014	11/10/2014	11/11/2014
		Sample Delivery Group	480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
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 U	10 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	0.80 J	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E03_111014	BCC Area E MW-E04_111014	BCC Area E MW-E05_111114
Location			MW-E03	MW-E04	MW-E05
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	5.0 U
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	0.76 J	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E03_111014	BCC Area E MW-E04_111014	BCC Area E MW-E05_111114
Location			MW-E03	MW-E04	MW-E05
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
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
mg/L	SW6010	Aluminum	0.091 J	0.30	0.31
mg/L	SW6010	Antimony	0.020 U	0.10	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.015	0.011 J
mg/L	SW6010	Barium	0.067	0.055	0.038
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.00076 J	0.0013 J	0.016
mg/L	SW6010	Calcium	171	166	157
mg/L	SW6010	Chromium	0.0048	0.0021 J	0.0040 U
mg/L	SW6010	Cobalt	0.0040 U	0.0010 J	0.0044
mg/L	SW6010	Copper	0.0021 J	0.031	0.12
mg/L	SW6010	Iron	0.72	1.3	0.44
mg/L	SW6010	Lead	0.010 U	0.0054 J	0.030
mg/L	SW6010	Magnesium	17.4	39.1	18.8
mg/L	SW6010	Manganese	0.10	0.25	0.14
mg/L	SW6010	Nickel	0.0047 J	0.013	0.022
mg/L	SW6010	Potassium	6.8	7.7	6.7
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.023 J
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	28.2	16.1	88.2
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	0.011 U	0.32	4.3
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E06_111114	BCC Area E MW-E07_111114	BCC Area E R-10_111014
Location			MW-E06	MW-E07	R-10
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E06_111114	BCC Area E MW-E07_111114	BCC Area E R-10_111014
Location			MW-E06	MW-E07	R-10
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.3
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E06_111114	BCC Area E MW-E07_111114	BCC Area E R-10_111014
Location			MW-E06	MW-E07	R-10
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
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 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	15	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	1.4 J	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E06_111114	BCC Area E MW-E07_111114	BCC Area E R-10_111014
Location			MW-E06	MW-E07	R-10
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	5.0 U
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	0.89 J	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	4.2 J	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	1.9 J	5.0 U
µg/L	SW8270	Fluorene	5.0 U	8.6	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E MW-E06_111114	BCC Area E MW-E07_111114	BCC Area E R-10_111014
Location			MW-E06	MW-E07	R-10
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	Phenol	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Pyrene	5.0 U	1.1 J	5.0 U
mg/L	SW6010	Aluminum	0.16 J	0.093 J	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.036	0.068	0.015 U
mg/L	SW6010	Barium	0.028	0.018	0.20
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0013 J	0.0012 J	0.0010 J
mg/L	SW6010	Calcium	304	155	102
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Cobalt	0.018	0.0054	0.0040 U
mg/L	SW6010	Copper	0.0046 J	0.0076 J	0.0023 J
mg/L	SW6010	Iron	89.3	79.7	5.5
mg/L	SW6010	Lead	0.0086 J	0.015	0.0040 J
mg/L	SW6010	Magnesium	18.4	16.9	52.7
mg/L	SW6010	Manganese	1.4	0.27	0.051
mg/L	SW6010	Nickel	0.023	0.0068 J	0.010 U
mg/L	SW6010	Potassium	5.5	12.5	4.8
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	44.8	23.3	162
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	1.3	0.067	0.014 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E R-11_111014	BCC Area E R11 D_111014	BCC Area E RFI-17_111114
Location			R-11	R-11	RFI-17
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	8.6 J	8.8 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E R-11_111014	BCC Area E R11 D_111014	BCC Area E RFI-17_111114
Location			R-11	R-11	RFI-17
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E R-11_111014	BCC Area E R11 D_111014	BCC Area E RFI-17_111114
Location			R-11	R-11	RFI-17
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
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 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 R	5.0 U	5.0 U
µg/L	SW8270	3-Nitroaniline	10 UJ	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 UJ	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 UJ	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 UJ	10 U	10 U
µg/L	SW8270	Anthracene	5.0 U	5.0 U	5.0 U
µg/L	SW8270	Atrazine	5.0 UJ	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 UJ	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E R-11_111014	BCC Area E R11 D_111014	BCC Area E RFI-17_111114
Location			R-11	R-11	RFI-17
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	5.0 U
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	0.53 J
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 UJ	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 UJ	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



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E R-11_111014	BCC Area E R11 D_111014	BCC Area E RFI-17_111114
Location			R-11	R-11	RFI-17
Sample Date			11/10/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
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
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.0078 J	0.015 U
mg/L	SW6010	Barium	0.13	0.13	0.039
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	67.6	70.0	206
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.0028 J
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.0017 J	0.010 U	0.0030 J
mg/L	SW6010	Iron	5.8	6.0	0.033 J
mg/L	SW6010	Lead	0.010 U	0.0033 J	0.0034 J
mg/L	SW6010	Magnesium	22.8	22.1	36.5
mg/L	SW6010	Manganese	0.040	0.038	0.0027 J
mg/L	SW6010	Nickel	0.010 U	0.010 U	0.0054 J
mg/L	SW6010	Potassium	6.3	6.2	1.9
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	25.3	26.0	17.0
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	1.0	0.99	0.014 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E RFI-29_111114	BCC Area E RFI-32_111014	BCC Area E RFI-33_111114
		Location	RFI-29	RFI-32	RFI-33
		Sample Date	11/11/2014	11/10/2014	11/11/2014
		Sample Delivery Group	480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.9	20 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	20 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	2.8	20 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	200 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	100 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	100 U	5.0 U
µg/L	SW8260	Acetone	10 U	200 U	10 U
µg/L	SW8260	Benzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	20 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	20 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Chlorobenzene	9.8	1200	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	20 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	20 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-29_111114	BCC Area E RFI-32_111014	BCC Area E RFI-33_111114
Location			RFI-29	RFI-32	RFI-33
Sample Date			11/11/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	20 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	50 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	20 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	20 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	20 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	20 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	20 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	40 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	1.6 J	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-29_111114	BCC Area E RFI-32_111014	BCC Area E RFI-33_111114
Location			RFI-29	RFI-32	RFI-33
Sample Date			11/11/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	2-Chlorophenol	5.0 U	34	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-29_111114	BCC Area E RFI-32_111014	BCC Area E RFI-33_111114
Location			RFI-29	RFI-32	RFI-33
Sample Date			11/11/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	5.0 U
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	0.46 J	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

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-29_111114	BCC Area E RFI-32_111014	BCC Area E RFI-33_111114
Location			RFI-29	RFI-32	RFI-33
Sample Date			11/11/2014	11/10/2014	11/11/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
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
mg/L	SW6010	Aluminum	0.20 U	0.082 J	0.23
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.011 J	0.014 J	0.015 U
mg/L	SW6010	Barium	0.11	0.0073	0.038
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.00096 J	0.0019 J
mg/L	SW6010	Calcium	49.4	356	71.3
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	0.22
mg/L	SW6010	Cobalt	0.0040 U	0.0071	0.0024 J
mg/L	SW6010	Copper	0.0017 J	0.0024 J	0.0075 J
mg/L	SW6010	Iron	0.037 J	6.5	1.8
mg/L	SW6010	Lead	0.0033 J	0.0060 J	0.0041 J
mg/L	SW6010	Magnesium	8.6	144	23.7
mg/L	SW6010	Manganese	0.048	1.6	0.13
mg/L	SW6010	Nickel	0.0013 J	0.016	0.38
mg/L	SW6010	Potassium	3.7	4.8	1.0
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	172	95.0	164
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	0.013 U	0.018 U	0.037
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-51_111114	BCC Area E RFI-PZ-16_111114	Trip Blank_111014
Location			RFI-51	RFI-PZ-16	QC
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-51_111114	BCC Area E RFI-PZ-16_111114	Trip Blank_111014
Location			RFI-51	RFI-PZ-16	QC
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	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	



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-51_111114	BCC Area E RFI-PZ-16_111114	Trip Blank_111014
Location			RFI-51	RFI-PZ-16	QC
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
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	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-51_111114	BCC Area E RFI-PZ-16_111114	Trip Blank_111014
Location			RFI-51	RFI-PZ-16	QC
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	5.0 U	
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	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E QUATERLY SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E RFI-51_111114	BCC Area E RFI-PZ-16_111114	Trip Blank_111014
Location			RFI-51	RFI-PZ-16	QC
Sample Date			11/11/2014	11/11/2014	11/10/2014
Sample Delivery Group			480-71259-1	480-71259-1	480-71259-1
Units	Method	Parameter Name			
µg/L	SW8270	Phenol	5.0 U	5.0 U	
µg/L	SW8270	Pyrene	5.0 U	5.0 U	
mg/L	SW6010	Aluminum	0.20 U	0.065 J	
mg/L	SW6010	Antimony	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.69	0.0063 J	
mg/L	SW6010	Barium	0.019	0.069	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0074	0.00064 J	
mg/L	SW6010	Calcium	533	218	
mg/L	SW6010	Chromium	0.0040 U	0.0040 U	
mg/L	SW6010	Cobalt	0.00093 J	0.0011 J	
mg/L	SW6010	Copper	0.010 U	0.012	
mg/L	SW6010	Iron	24.2	2.3	
mg/L	SW6010	Lead	0.0082 J	0.0032 J	
mg/L	SW6010	Magnesium	87.3	51.0	
mg/L	SW6010	Manganese	1.4	0.32	
mg/L	SW6010	Nickel	0.0029 J	0.0085 J	
mg/L	SW6010	Potassium	21.9	5.8	
mg/L	SW6010	Selenium	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	103	15.9	
mg/L	SW6010	Thallium	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	
mg/L	SW6010	Zinc	0.010 U	0.35	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	

**Notes:**

U = undetected

J = estimated value

# DATA VALIDATION SUMMARY REPORT AREA E 2014 STORM WATER SAMPLING

**HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

*Prepared for*

**Honeywell**

101 Columbia Road  
Morristown, New Jersey 07962

*Prepared by*



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

**MARCH 2015**

## TABLE OF CONTENTS

<b>1.0 INTRODUCTION</b> .....	<b>1</b>
<b>2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS</b> .....	<b>3</b>
2.1 VOCS .....	3
2.1.1 MARCH EVENT .....	3
2.1.2 MAY EVENT .....	4
2.1.3 AUGUST EVENT.....	4
2.1.4 NOVEMBER EVENT.....	4
2.2 SVOCS .....	4
2.2.1 MARCH EVENT .....	5
2.2.2 MAY EVENT.....	5
2.2.3 AUGUST EVENT.....	6
2.2.4 NOVEMBER EVENT.....	6
<b>3.0 REFERENCES:</b> .....	<b>8</b>

### 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 storm water samples collected in March, May, August, and November 2014. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data packages 480-56920-1, 480-60768-1, 480-66158-1, and 480-70897-1. A summary of laboratory data packages and samples is presented in Table 1. The following U.S. Environmental Protection Agency (USEPA, 1996) analytical methods were performed:

- Volatile organic compounds (VOCs) by USEPA Method SW846 8260C
- Semivolatile organic compounds (SVOCs) by USEPA Method SW846 8270D

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

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

Data qualification was completed using general procedures in USEPA validation guidelines (USEPA, 2008a; USEPA, 2008b). Project specific quality control (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 quality control (QC) reviews are completed using laboratory QC summary forms and the Locus Technology Environmental Information Management (EIM) system. The EIM system has a

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

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

U = The target compound was not detected at concentrations greater than the quantitation limit.

J = The reported concentration is considered an estimated value.

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

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

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

LCSL=LCS recovery less than the lower criteria limit

MSL=Matrix spike recovery less than the lower limit

MSDL=Matrix spike duplicate recovery less than the lower limit

MSH=Matrix spike recovery greater than the upper limit

FD=Field duplicate exceeds RPD criteria

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

## 2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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 VOCS

The data were evaluated based on the following parameters:

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

\* - Criteria were met for this parameter.

#### ***2.1.1 March Event***

##### MS/MSD

MS/MSD analyses were completed using sample BCC Area E DMH-E31\_0314. The MS/MSD percent recoveries for chlorobenzene (148/130) was greater than the QC limit of 130, which may indicate high bias. Chlorobenzene result in sample BCC Area E DMH-E31\_0314 was qualified as estimated (J). A qualified sample result is presented on Table 3 with reason code MSH.



### ***2.1.2 May Event***

#### Field Duplicate

For the field duplicate pair BBC\_Area E\_DMH-E31\_0514 and BBC\_Area E\_DMH-E31D\_0514 chlorobenzene was exceeded the QC limit of 20. The associated results in sample set BBC\_Area E\_DMH-E31\_0514 and BBC\_Area E\_DMH-E31D\_0514 were qualified as estimated (J) with reason code FD. A summary of qualified sample results is presented in Table 3.

### ***2.1.3 August Event***

No QC issues were identified.

### ***2.1.4 November Event***

No QC issues were identified.

## **2.2 SVOCS**

The data were evaluated based on the following parameters:

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

\* - Criteria were met for this parameter.

### ***2.2.1 March Event***

#### LCS

The LCS/LCSD percent recoveries for aniline (42) and caprolactam (42) in batch 173279 were less than the QC limit of 50, which may indicate low bias. Aniline and caprolactam were not detected in associated samples and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code LCSL.

#### MS/MSD

MS/MSD analyses were completed using sample BCC Area E DMH-E31\_0314. The MS/MSD percent recoveries for aniline (36/44), caprolactam (42/19), 4-chloroaniline (33/38), bis (2-chloroethyl) ether (-7/-7) and benzaldehyde (39/51) were lower than the QC limit of 50, which may indicate low bias. These compounds in sample BCC Area E DMH-E31\_0314 were qualified as estimated (J/UJ). A summary of qualified sample results is presented on Table 3 with reason code MSL and/or MSDL.

MS/MSD analyses were completed using sample BCC Area E DMH-E31\_0314. The MS/MSD percent recoveries for 2, 6-dinitrotoluene (151/116) was greater than the QC limit of 140, which may indicate high bias. The 2, 6-dinitrotoluene result in sample BCC Area E DMH-E31\_0314 was qualified as estimated (J). The qualified sample result is presented on Table 3 with reason code MSH

#### Field Duplicate

For the field duplicate pair BCC Area E DMH-E31\_0314 and BCC Area E DMH-E31 D\_0314 bis(2-chloroethyl) ether was reported at 33 µg/L in the original sample and was not detected in the duplicate sample (5 U). Results in sample set pair BCC Area E DMH-E31\_0314 and BCC Area E DMH-E31 D were qualified estimated (UJ/J) with reason code FD.

For the field duplicate pair BCC Area E DMH-E31\_0314 and BCC Area E DMH-E31 D\_0314 nitrobenzene (5 U) was not detected the original sample and was reported in the duplicate sample 15 µg/L. Results in sample set pair BCC Area E DMH-E31\_0314 and BCC Area E DMH-E31 D were qualified estimated (UJ/J) with reason code FD

### ***2.2.2 May Event***

#### LCS

The LCS/LCSD percent recoveries for 4-chloroaniline (46) and caprolactam (24) in batch 185003 were less than the QC limit of 50, which may indicate low bias. Results for 4-chloroaniline and caprolactam in associated samples were qualified as estimated (J/UJ). A summary of qualified sample results is presented on Table 3 with reason code LCSL.

### MS/MSD

MS/MSD analyses were completed using sample BCC Area E DMH-E31\_0314. The MS and/or MSD percent recoveries for caprolactam (32/26), 2-nitroaniline (116/33), 3-nitroaniline (101/38), acenaphthylene (103/46), anthracene (105/38), benzo(a)pyrene (72/30), carbazole (110/69), pentachlorophenol (75/23) were lower than the QC limit of 50, which may indicate low bias. These compounds in sample BCC Area E DMH-E31\_0314 were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code MSL and/or MSDL.

MS/MSD analyses were completed using sample BBC\_Area E\_DMH-E31\_0514. The MSD percent recoveries for 4-nitroaniline (83/0), 2,4-dimethylphenol (118/0), 4-methylphenol (146/0), 2,4-dinitrophenol (92/0), N-nitrosodiphenylamine (92/0), 3,3'-dichlorobenzidine (82/0) and 2-methylphenol (100/0) and 4-chloroaniline (56/0) were less than the QC limit of 10. Results of these analytes in sample BBC\_Area E\_DMH-E31\_0514 were qualified as rejected (R) and 4-chloroaniline results was qualified as (J) and flagged with reason code MSDL. A summary of qualified sample results is presented in Table 3.

In addition, the relative percent differences (RPDs) for carbazole was outside QC limit of 20. Carbazole result in sample BBC\_Area E\_DMH-E31\_0514 was qualified as estimated (J) with reason code MSDP.

### ***2.2.3 August Event***

#### MS/MSD

MS/MSD analyses were completed using sample BCC\_Area E\_DHM-E31\_0814. The MS and/or MSD percent recoveries for 3,3'-dichlorobenzidine (39/41), hexachlorocyclopentadiene (14/14) were lower than the QC limit of 50, which may indicate low bias. These compounds in sample BCC\_Area E\_DHM-E31\_0814 and the associated field duplicated were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code MSL/MSDL.

### ***2.2.4 November Event***

#### LCS

The LCS percent recovery for caprolactam (29) in batch 212797 was less than the QC limit of 50, which may indicate low bias. Results for caprolactam were not detected in associated samples and reporting limits were qualified as estimated (UJ). A summary of qualified sample results is presented on Table 3 with reason code LCSL.

#### Reporting Limits

A sample was analyzed at a dilution. Reporting limits for target compounds in the following sample are elevated due to dilution.

<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Method</b>	<b>DF</b>
BCC Area E DMH-E31_1114	480-70897-1	SW8270	50
BCC Area E DMH-E31 D_1114	480-70897-2	SW8270	50

### 3.0 REFERENCES:

- MACTEC, 2006. "Buffalo Color Quality Assurance Project Plan"; Appendix D – Quality Assurance/Quality Control, 2006.
- U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 - December 1996.
- U.S. Environmental Protection Agency (USEPA) Region II, 2008a. "Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B"; SOP No. HW-24, Revision 2; August 2008.
- U.S. Environmental Protection Agency (USEPA) Region II, 2008b. "Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D"; SOP No. HW-22, Revision 4; August 2008.

Data Validator: Bindu Lingaiah

Senior Chemist: Chris Ricardi, NRCC-EAC



February 25, 2015

**TABLE 1**  
**SAMPLE AND ANALYTICAL SUMMARY**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E STORM WATER OUTFALL SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

				Parameter	VOCs	SVOCs
				Method	SW8260C	SW8270D
SDG	Field Sample ID	Location ID	Type	Date		
480-56920-1	BCC Area E DMH-E31_0314	DMH-E31	REG	3/31/2014	48	66
480-56920-1	BCC Area E DMH-E31 D_0314	DMH-E31	FD	3/31/2014	48	66
480-56920-1	TRIP BLANK_033114	QC	TB	3/31/2014	48	
480-60768-1	BBC_Area E_DMH-E31_0514	DMH-E31	REG	5/29/2014	48	66
480-60768-1	BBC_Area E_DMH-E31D_0514	DMH-E31	FD	5/29/2014	48	66
480-66158-1	BCC_Area E_DHM-E31_0814	DMH-E31	REG	8/26/2014	48	66
480-66158-1	BCC_Area E_DHM-E31D_0814	DMH-E31	FD	8/26/2014	48	66
480-66158-1	TRIP BLANK_82614	QC	TB	8/26/2014	48	
480-70897-1	BCC Area E DMH-E31_1114	DMH-E31	REG	11/6/2014	48	66
480-70897-1	BCC Area E DMH-E31 D_1114	DMH-E31	FD	11/6/2014	48	66
480-70897-1	TRIP BLANK_1114	QC	TB	11/6/2014	48	

**Notes**

REG: Regular sample

FD:Field duplicate

TB:Trip blank

**TABLE 2**  
**PROJECT PRECISION AND ACCURACY GOALS**  
**DATA VALIDATION SUMMARY REPORT**  
**2014 AREA E STORMWATER OUTFALL SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

<b>PARAMETER</b>	<b>QC TEST</b>	<b>ANALYTE</b>	<b>WATER (%R)</b>	<b>Water (RPD)</b>
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	

**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**  
**2014 AREA E STORMWATER OUTFALL SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID	Type	SDG	Method	Parameter
BCC Area E DMH-E31 D_0314	FD	480-56920-1	SW8270	Aniline
BCC Area E DMH-E31 D_0314	FD	480-56920-1	SW8270	Caprolactam
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8270	Aniline
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8270	Caprolactam
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8270	2,6-Dinitrotoluene
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8260	Chlorobenzene
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8270	Benzaldehyde
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8270	4-Chloroaniline
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8270	Bis(2-chloroethyl)ether
BCC Area E DMH-E31 D_0314	FD	480-56920-1	SW8270	Bis(2-chloroethyl)ether
BCC Area E DMH-E31_0314	REG	480-56920-1	SW8270	Nitrobenzene
BCC Area E DMH-E31 D_0314	FD	480-56920-1	SW8270	Nitrobenzene
BBC_Area E_DMH-E31D_0514	FD	480-60768-1	SW8270	Caprolactam
BBC_Area E_DMH-E31D_0514	FD	480-60768-1	SW8270	4-Chloroaniline
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	4-Chloroaniline
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	Caprolactam
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	4-Nitroaniline
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	2,4-Dimethylphenol
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	4-Methylphenol
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	Anthracene
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	Acenaphthylene
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	Benzo(a)pyrene
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	2,4-Dinitrophenol
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	N-Nitrosodiphenylamine
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	Pentachlorophenol
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	2-Nitroaniline
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	3,3'-Dichlorobenzidine
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	2-Methylphenol
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	3-Nitroaniline
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8270	Carbazole
BBC_Area E_DMH-E31_0514	REG	480-60768-1	SW8260	Chlorobenzene
BBC_Area E_DMH-E31D_0514	FD	480-60768-1	SW8260	Chlorobenzene
BCC_Area E_DHM-E31_0814	REG	480-66158-1	SW8270	Hexachlorocyclopentadiene
BCC_Area E_DHM-E31_0814	REG	480-66158-1	SW8270	3,3'-Dichlorobenzidine
BCC Area E DMH-E31_1114	REG	480-70897-1	SW8270	Caprolactam
BCC Area E DMH-E31 D_1114	FD	480-70897-1	SW8270	Caprolactam

Notes:

- LCSL= LCS recovery less than the lower criteria limit
- MSL= Matrix spike recovery criteria less than the lower limit
- MSDL= Matrix spike duplicate recovery criteria less than the lower limit
- MSH= Matrix spike recovery criteria greater than the upper limit
- MSDP= Matrix Spike Duplicate RPD criteria exceedance
- FD= Field duplicate exceeds RPD criteria
- U= Undetected
- J= Estimated
- R= Rejected



**TABLE 3  
VALIDATION ACTIONS SUMMARY  
DATA VALIDATION SUMMARY REPORT  
2014 AREA E STORMWATER OUTFALL SAMPLING  
HONEYWELL - BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

Lab Result	Lab Qual	Val Qual	Reason Codes	Units
25		J	LCSL	µg/L
5.0	U	UJ	LCSL	µg/L
22		J	LCSL,MSL,MSDL	µg/L
5.0	U	UJ	LCSL,MSL,MSDL	µg/L
36		J	MSH	µg/L
58		J	MSH	µg/L
5.0	U	UJ	MSL	µg/L
1.4	J	J	MSL,MSDL	µg/L
33		J	MSL,MSDL,FD	µg/L
5.0	U	UJ	FD	µg/L
5.0	U	UJ	FD	µg/L
15		J	FD	µg/L
5.0	U	UJ	LCSL	µg/L
1.9	J	J	LCSL	µg/L
1.9	J	J	LCSL,MSDL	µg/L
5.0	U	UJ	LCSL,MSL,MSDL	µg/L
10	U	R	MSDL	µg/L
5.0	U	R	MSDL	µg/L
10	U,*	R	MSDL	µg/L
5.0	U	UJ	MSDL	µg/L
5.0	U	UJ	MSDL	µg/L
5.0	U	UJ	MSDL	µg/L
10	U	R	MSDL	µg/L
5.0	U	R	MSDL	µg/L
10	U	UJ	MSDL	µg/L
10	U	UJ	MSDL	µg/L
5.0	U	R	MSDL	µg/L
5.0	U	R	MSDL	µg/L
10	U,*	UJ	MSDL	µg/L
0.49	J	J	MSDP	µg/L
5.6		J	FD	µg/L
8.1		J	FD	µg/L
0.50	U	UJ	MSL,MSDL	µg/L
1.1	U	UJ	MSL,MSDL	µg/L
250	U	UJ	LCSL	µg/L
50	U	UJ	LCSL	µg/L

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E STORMWATER OUTFALL SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID		BCC Area E DMH-E31 D_0314	BCC Area E DMH-E31_0314	TRIP BLANK_033114
Location		DMH-E31	DMH-E31	QC
Sample Date		03/31/2014	03/31/2014	03/31/2014
Sample Delivery Group		480-56920-1	480-56920-1	480-56920-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	6.4	6.4
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	23	24
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	2.1	2.2
µg/L	SW8260	1,4-Dichlorobenzene	7.9	8.0
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	7.5 J	8.0 J
µg/L	SW8260	Benzene	10	10
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	57	58 J
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	0.44 J	0.51 J
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.5	1.5
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	0.74 J

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E STORMWATER OUTFALL SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E DMH-E31 D_0314	BCC Area E DMH-E31_0314	TRIP BLANK_033114
		Location	DMH-E31	DMH-E31	QC
		Sample Date	03/31/2014	03/31/2014	03/31/2014
		Sample Delivery Group	480-56920-1	480-56920-1	480-56920-1
Units	Method	Parameter Name			
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	3.0	3.1	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U	
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	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	18	16	
µg/L	SW8270	2,6-Dinitrotoluene	53	36 J	
µg/L	SW8270	2-Chloronaphthalene	5.0 U	5.0 U	
µg/L	SW8270	2-Chlorophenol	1.2 J	1.1 J	
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	1.3 J	1.4 J	
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	1.5 J	1.3 J	
µg/L	SW8270	Acenaphthylene	5.0 U	5.0 U	
µg/L	SW8270	Acetophenone	5.0 U	5.0 U	
µg/L	SW8270	Aniline	25 J	22 J	
µg/L	SW8270	Anthracene	0.42 J	0.32 J	
µg/L	SW8270	Atrazine	5.0 U	5.0 U	
µg/L	SW8270	Benzaldehyde	5.0 U	5.0 UJ	
µg/L	SW8270	Benzo(a)anthracene	5.0 U	5.0 U	
µg/L	SW8270	Benzo(a)pyrene	5.0 U	5.0 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MARCH 2014 AREA E STORMWATER OUTFALL SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area E DMH-E31 D_0314 DMH-E31 03/31/2014 480-56920-1	BCC Area E DMH-E31_0314 DMH-E31 03/31/2014 480-56920-1	TRIP BLANK_033114 QC 03/31/2014 480-56920-1
Units	Method	Parameter Name			
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	
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	5.0 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 UJ	33 J	
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	1.1 J	1.1 J	
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	0.68 J	0.62 J	
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	0.89 J	0.86 J	
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	2.2 J	2.1 J	
µg/L	SW8270	Nitrobenzene	15 J	5.0 UJ	
µg/L	SW8270	Pentachlorophenol	10 U	10 U	
µg/L	SW8270	Phenanthrene	1.0 J	0.99 J	
µg/L	SW8270	Phenol	2.9 J	2.8 J	
µg/L	SW8270	Pyrene	5.0 U	5.0 U	

U = undetected  
J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MAY 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BBC_Area E_DMH-E31_0514	BBC_Area E_DMH-E31D_0514
		Location	DMH-E31	DMH-E31
		Sample Date	05/29/2014	05/29/2014
		Sample Delivery Group	480-60768-1	480-60768-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.3	1.4
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	5.1	5.2
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	0.98 J	0.99 J
µg/L	SW8260	1,4-Dichlorobenzene	2.1	2.2
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	5.6 J	8.1 J
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MAY 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_Area E_DMH-E31_0514	BBC_Area E_DMH-E31D_0514
Location			DMH-E31	DMH-E31
Sample Date			05/29/2014	05/29/2014
Sample Delivery Group			480-60768-1	480-60768-1
Units	Method	Parameter Name		
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 R	5.0 U
µg/L	SW8270	2,4-Dinitrophenol	10 R	10 U
µg/L	SW8270	2,4-Dinitrotoluene	110	120

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MAY 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BBC_Area E_DMH-E31_0514	BBC_Area E_DMH-E31D_0514
		Location	DMH-E31	DMH-E31
		Sample Date	05/29/2014	05/29/2014
		Sample Delivery Group	480-60768-1	480-60768-1
Units	Method	Parameter Name		
µg/L	SW8270	2,6-Dinitrotoluene	42	41
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 R	5.0 U
µg/L	SW8270	2-Nitroaniline	10 UJ	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 R	5.0 U
µg/L	SW8270	3-Nitroaniline	10 UJ	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	1.9 J	1.9 J
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	5.0 U
µg/L	SW8270	4-Methylphenol	10 R	10 U
µg/L	SW8270	4-Nitroaniline	10 R	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 UJ	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	5.0 U
µg/L	SW8270	Aniline	1.3 J	1.6 J
µg/L	SW8270	Anthracene	5.0 UJ	5.0 U
µg/L	SW8270	Atrazine	5.0 U	5.0 U
µg/L	SW8270	Benzaldehyde	0.32 J	5.0 U
µg/L	SW8270	Benzo(a)anthracene	5.0 U	5.0 U
µg/L	SW8270	Benzo(a)pyrene	5.0 UJ	5.0 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	5.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MAY 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BBC_Area E_DMH-E31_0514	BBC_Area E_DMH-E31D_0514
Location			DMH-E31	DMH-E31
Sample Date			05/29/2014	05/29/2014
Sample Delivery Group			480-60768-1	480-60768-1
Units	Method	Parameter Name		
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
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	0.49 J	0.46 J
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 R	5.0 U



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**MAY 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			<b>Field Sample ID</b>	<b>BBC_Area E_DMH-E31_0514</b>	<b>BBC_Area E_DMH-E31D_0514</b>
			<b>Location</b>	<b>DMH-E31</b>	<b>DMH-E31</b>
			<b>Sample Date</b>	<b>05/29/2014</b>	<b>05/29/2014</b>
			<b>Sample Delivery Group</b>	<b>480-60768-1</b>	<b>480-60768-1</b>
<b>Units</b>	<b>Method</b>	<b>Parameter Name</b>			
µg/L	SW8270	Naphthalene		5.0 U	5.0 U
µg/L	SW8270	Nitrobenzene		2.0 J	2.1 J
µg/L	SW8270	Pentachlorophenol		10 UJ	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:**

R= rejected

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			Field Sample ID	BCC_Area E_DHM-E31_0814
			Location	DMH-E31
			Sample Date	08/26/2014
			Sample Delivery Group	480-66158-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane		1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane		1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane		1.0 U
µg/L	SW8260	1,1,2-Trichloroethane		1.0 U
µg/L	SW8260	1,1-Dichloroethane		1.0 U
µg/L	SW8260	1,1-Dichloroethene		1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene		4.0
µg/L	SW8260	1,2-Dibromo-3-Chloropropane		1.0 U
µg/L	SW8260	1,2-Dibromoethane		1.0 U
µg/L	SW8260	1,2-Dichlorobenzene		5.2
µg/L	SW8260	1,2-Dichloroethane		1.0 U
µg/L	SW8260	1,2-Dichloropropane		1.0 U
µg/L	SW8260	1,3-Dichlorobenzene		2.9
µg/L	SW8260	1,4-Dichlorobenzene		7.7
µg/L	SW8260	2-Butanone (MEK)		10 U
µg/L	SW8260	2-Hexanone		5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)		5.0 U
µg/L	SW8260	Acetone		10 U
µg/L	SW8260	Benzene		1.0 U
µg/L	SW8260	Bromodichloromethane		1.0 U
µg/L	SW8260	Bromoform		1.0 U
µg/L	SW8260	Bromomethane		1.0 U
µg/L	SW8260	Carbon disulfide		1.0 U
µg/L	SW8260	Carbon tetrachloride		1.0 U
µg/L	SW8260	Chlorobenzene		5.5
µg/L	SW8260	Chloroethane		1.0 U
µg/L	SW8260	Chloroform		1.0 U

Prepared by: Bindu Lingaiah 10/21/2014  
Reviewed by: Lakshmi Devi 10/21/2014

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			Field Sample ID	BCC_Area E_DHM-E31_0814
			Location	DMH-E31
			Sample Date	08/26/2014
			Sample Delivery Group	480-66158-1
Units	Method	Parameter Name		
µg/L	SW8260	Chloromethane		1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene		1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene		1.0 U
µg/L	SW8260	Cyclohexane		1.0 U
µg/L	SW8260	Dibromochloromethane		1.0 U
µg/L	SW8260	Dichlorodifluoromethane		1.0 U
µg/L	SW8260	Ethylbenzene		1.0 U
µg/L	SW8260	Isopropylbenzene		1.0 U
µg/L	SW8260	Methyl acetate		2.5 U
µg/L	SW8260	Methyl tert-butyl ether		1.0 U
µg/L	SW8260	Methylcyclohexane		1.0 U
µg/L	SW8260	Methylene Chloride		1.0 U
µg/L	SW8260	Styrene		1.0 U
µg/L	SW8260	Tetrachloroethene		1.0 U
µg/L	SW8260	Toluene		1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene		1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene		1.0 U
µg/L	SW8260	Trichloroethene		1.0 U
µg/L	SW8260	Trichlorofluoromethane		1.0 U
µg/L	SW8260	Vinyl chloride		1.0 U
µg/L	SW8260	Xylenes, Total		2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol		9.6 U
µg/L	SW8270	2,4,6-Trichlorophenol		9.6 U
µg/L	SW8270	2,4-Dichlorophenol		1.9 U
µg/L	SW8270	2,4-Dimethylphenol		9.6 U
µg/L	SW8270	2,4-Dinitrophenol		48 U
µg/L	SW8270	2,4-Dinitrotoluene		1.1 J

Prepared by: Bindu Lingaiah 10/21/2014  
Reviewed by: Lakshmi Devi 10/21/2014

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC_Area E_DHM-E31_0814
Location			DMH-E31
Sample Date			08/26/2014
Sample Delivery Group			480-66158-1
Units	Method	Parameter Name	
µg/L	SW8270	2,6-Dinitrotoluene	6.3 J
µg/L	SW8270	2-Chloronaphthalene	1.9 U
µg/L	SW8270	2-Chlorophenol	9.6 U
µg/L	SW8270	2-Methylnaphthalene	1.9 U
µg/L	SW8270	2-Methylphenol	9.6 U
µg/L	SW8270	2-Nitroaniline	48 U
µg/L	SW8270	2-Nitrophenol	9.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	9.6 UJ
µg/L	SW8270	3-Nitroaniline	48 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	48 U
µg/L	SW8270	4-Bromophenyl phenyl ether	9.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	9.6 U
µg/L	SW8270	4-Chloroaniline	9.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	9.6 U
µg/L	SW8270	4-Methylphenol	9.6 U
µg/L	SW8270	4-Nitroaniline	48 U
µg/L	SW8270	4-Nitrophenol	48 U
µg/L	SW8270	Acenaphthene	1.9 U
µg/L	SW8270	Acenaphthylene	1.9 U
µg/L	SW8270	Acetophenone	9.6 U
µg/L	SW8270	Aniline	2.8 J
µg/L	SW8270	Anthracene	1.9 U
µg/L	SW8270	Atrazine	9.6 U
µg/L	SW8270	Benzaldehyde	9.6 U
µg/L	SW8270	Benzo(a)anthracene	1.9 U
µg/L	SW8270	Benzo(a)pyrene	1.9 U
µg/L	SW8270	Benzo(b)fluoranthene	1.9 U

Prepared by: Bindu Lingaiah 10/21/2014  
Reviewed by: Lakshmi Devi 10/21/2014

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			Field Sample ID	BCC_Area E_DHM-E31_0814
			Location	DMH-E31
			Sample Date	08/26/2014
			Sample Delivery Group	480-66158-1
Units	Method	Parameter Name		
µg/L	SW8270	Benzo(g,h,i)perylene		1.9 U
µg/L	SW8270	Benzo(k)fluoranthene		1.9 U
µg/L	SW8270	Biphenyl		9.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether		1.9 U
µg/L	SW8270	Bis(2-chloroethoxy)methane		9.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether		1.9 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		19 U
µg/L	SW8270	Butyl benzyl phthalate		9.6 U
µg/L	SW8270	Caprolactam		48 U
µg/L	SW8270	Carbazole		1.9 U
µg/L	SW8270	Chrysene		1.9 U
µg/L	SW8270	Di-n-butyl phthalate		9.6 U
µg/L	SW8270	Di-n-octyl phthalate		9.6 U
µg/L	SW8270	Dibenz(a,h)anthracene		1.9 U
µg/L	SW8270	Dibenzofuran		9.6 U
µg/L	SW8270	Diethyl phthalate		9.6 U
µg/L	SW8270	Dimethyl phthalate		9.6 U
µg/L	SW8270	Fluoranthene		1.9 U
µg/L	SW8270	Fluorene		1.9 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			Field Sample ID	BCC_Area E_DHM-E31_0814
			Location	DMH-E31
			Sample Date	08/26/2014
			Sample Delivery Group	480-66158-1
Units	Method	Parameter Name		
µg/L	SW8270	Hexachlorobenzene		1.9 U
µg/L	SW8270	Hexachlorobutadiene		1.9 U
µg/L	SW8270	Hexachlorocyclopentadiene		9.6 UJ
µg/L	SW8270	Hexachloroethane		9.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		1.9 U
µg/L	SW8270	Isophorone		9.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine		1.9 U
µg/L	SW8270	N-Nitrosodiphenylamine		9.6 U
µg/L	SW8270	Naphthalene		1.9 U
µg/L	SW8270	Nitrobenzene		19 U
µg/L	SW8270	Pentachlorophenol		9.6 U
µg/L	SW8270	Phenanthrene		1.9 U
µg/L	SW8270	Phenol		1.9 U
µg/L	SW8270	Pyrene		1.9 U

**Notes:**

U = undetected

J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC_Area E_DHM-E31D_0814	TRIP BLANK_82614
		Location	DMH-E31	QC
		Sample Date	08/26/2014	08/26/2014
		Sample Delivery Group	480-66158-1	480-66158-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	3.0	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	4.2	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	2.3	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	6.2	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	5.1	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U

Prepared by: Bindu Lingaiah 10/21/2014  
Reviewed by: Lakshmi Devi 10/21/2014

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC_Area E_DHM-E31D_0814	TRIP BLANK_82614
		Location	DMH-E31	QC
		Sample Date	08/26/2014	08/26/2014
		Sample Delivery Group	480-66158-1	480-66158-1
Units	Method	Parameter Name		
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.9 U	
µg/L	SW8270	2,4,6-Trichlorophenol	9.9 U	
µg/L	SW8270	2,4-Dichlorophenol	2.0 U	
µg/L	SW8270	2,4-Dimethylphenol	9.9 U	
µg/L	SW8270	2,4-Dinitrophenol	50 U	
µg/L	SW8270	2,4-Dinitrotoluene	1.1 J	

Prepared by: Bindu Lingaiah 10/21/2014  
Reviewed by: Lakshmi Devi 10/21/2014



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC_Area E_DHM-E31D_0814	TRIP BLANK_82614
		Location	DMH-E31	QC
		Sample Date	08/26/2014	08/26/2014
		Sample Delivery Group	480-66158-1	480-66158-1
Units	Method	Parameter Name		
µg/L	SW8270	2,6-Dinitrotoluene	6.0 J	
µg/L	SW8270	2-Chloronaphthalene	2.0 U	
µg/L	SW8270	2-Chlorophenol	9.9 U	
µg/L	SW8270	2-Methylnaphthalene	2.0 U	
µg/L	SW8270	2-Methylphenol	9.9 U	
µg/L	SW8270	2-Nitroaniline	50 U	
µg/L	SW8270	2-Nitrophenol	9.9 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	9.9 U	
µg/L	SW8270	3-Nitroaniline	50 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	50 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	9.9 U	
µg/L	SW8270	4-Chloro-3-methylphenol	9.9 U	
µg/L	SW8270	4-Chloroaniline	9.9 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	9.9 U	
µg/L	SW8270	4-Methylphenol	9.9 U	
µg/L	SW8270	4-Nitroaniline	50 U	
µg/L	SW8270	4-Nitrophenol	50 U	
µg/L	SW8270	Acenaphthene	2.0 U	
µg/L	SW8270	Acenaphthylene	2.0 U	
µg/L	SW8270	Acetophenone	9.9 U	
µg/L	SW8270	Aniline	2.2 J	
µg/L	SW8270	Anthracene	2.0 U	
µg/L	SW8270	Atrazine	9.9 U	
µg/L	SW8270	Benzaldehyde	9.9 U	
µg/L	SW8270	Benzo(a)anthracene	2.0 U	
µg/L	SW8270	Benzo(a)pyrene	2.0 U	
µg/L	SW8270	Benzo(b)fluoranthene	2.0 U	

Prepared by: Bindu Lingaiah 10/21/2014  
Reviewed by: Lakshmi Devi 10/21/2014

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			Field Sample ID	BCC_Area E_DHM-E31D_0814	TRIP BLANK_82614
			Location	DMH-E31	QC
			Sample Date	08/26/2014	08/26/2014
			Sample Delivery Group	480-66158-1	480-66158-1
Units	Method	Parameter Name			
µg/L	SW8270	Benzo(g,h,i)perylene		2.0 U	
µg/L	SW8270	Benzo(k)fluoranthene		2.0 U	
µg/L	SW8270	Biphenyl		9.9 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether		2.0 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane		9.9 U	
µg/L	SW8270	Bis(2-chloroethyl)ether		2.0 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		20 U	
µg/L	SW8270	Butyl benzyl phthalate		9.9 U	
µg/L	SW8270	Caprolactam		50 U	
µg/L	SW8270	Carbazole		2.0 U	
µg/L	SW8270	Chrysene		2.0 U	
µg/L	SW8270	Di-n-butyl phthalate		9.9 U	
µg/L	SW8270	Di-n-octyl phthalate		9.9 U	
µg/L	SW8270	Dibenz(a,h)anthracene		2.0 U	
µg/L	SW8270	Dibenzofuran		9.9 U	
µg/L	SW8270	Diethyl phthalate		9.9 U	
µg/L	SW8270	Dimethyl phthalate		9.9 U	
µg/L	SW8270	Fluoranthene		2.0 U	
µg/L	SW8270	Fluorene		2.0 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**AUGUST 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

			Field Sample ID Location Sample Date Sample Delivery Group	BCC_Area E_DHM-E31D_0814 DMH-E31 08/26/2014 480-66158-1	TRIP BLANK_82614 QC 08/26/2014 480-66158-1
Units	Method	Parameter Name			
µg/L	SW8270	Hexachlorobenzene		2.0 U	
µg/L	SW8270	Hexachlorobutadiene		2.0 U	
µg/L	SW8270	Hexachlorocyclopentadiene		9.9 U	
µg/L	SW8270	Hexachloroethane		9.9 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		2.0 U	
µg/L	SW8270	Isophorone		9.9 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine		2.0 U	
µg/L	SW8270	N-Nitrosodiphenylamine		9.9 U	
µg/L	SW8270	Naphthalene		2.0 U	
µg/L	SW8270	Nitrobenzene		20 U	
µg/L	SW8270	Pentachlorophenol		9.9 U	
µg/L	SW8270	Phenanthrene		2.0 U	
µg/L	SW8270	Phenol		2.0 U	
µg/L	SW8270	Pyrene		2.0 U	

**Notes:**

U = undetected  
J = estimated value

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E DMH-E31 D_1114
		Location	DMH-E31
		Sample Date	11/06/2014
		Sample Delivery Group	480-70897-1
Units	Method	Parameter Name	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	6.3
µg/L	SW8260	1,2-Dichloroethane	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.6
µg/L	SW8260	1,4-Dichlorobenzene	3.7
µg/L	SW8260	2-Butanone (MEK)	10 U
µg/L	SW8260	2-Hexanone	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U
µg/L	SW8260	Acetone	4.5 J
µg/L	SW8260	Benzene	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U
µg/L	SW8260	Bromoform	1.0 U
µg/L	SW8260	Bromomethane	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U
µg/L	SW8260	Chlorobenzene	9.7
µg/L	SW8260	Chloroethane	1.0 U
µg/L	SW8260	Chloroform	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E DMH-E31 D_1114
		Location	DMH-E31
		Sample Date	11/06/2014
		Sample Delivery Group	480-70897-1
Units	Method	Parameter Name	
µg/L	SW8260	Chloromethane	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U
µg/L	SW8260	Styrene	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U
µg/L	SW8260	Toluene	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	50 U
µg/L	SW8270	2,4,6-Trichlorophenol	50 U
µg/L	SW8270	2,4-Dichlorophenol	50 U
µg/L	SW8270	2,4-Dimethylphenol	50 U
µg/L	SW8270	2,4-Dinitrophenol	100 U
µg/L	SW8270	2,4-Dinitrotoluene	42 J

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E DMH-E31 D_1114
		Location	DMH-E31
		Sample Date	11/06/2014
		Sample Delivery Group	480-70897-1
Units	Method	Parameter Name	
µg/L	SW8270	2,6-Dinitrotoluene	110
µg/L	SW8270	2-Chloronaphthalene	50 U
µg/L	SW8270	2-Chlorophenol	50 U
µg/L	SW8270	2-Methylnaphthalene	50 U
µg/L	SW8270	2-Methylphenol	50 U
µg/L	SW8270	2-Nitroaniline	100 U
µg/L	SW8270	2-Nitrophenol	50 U
µg/L	SW8270	3,3'-Dichlorobenzidine	50 U
µg/L	SW8270	3-Nitroaniline	100 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	100 U
µg/L	SW8270	4-Bromophenyl phenyl ether	50 U
µg/L	SW8270	4-Chloro-3-methylphenol	50 U
µg/L	SW8270	4-Chloroaniline	50 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	50 U
µg/L	SW8270	4-Methylphenol	100 U
µg/L	SW8270	4-Nitroaniline	100 U
µg/L	SW8270	4-Nitrophenol	100 U
µg/L	SW8270	Acenaphthene	50 U
µg/L	SW8270	Acenaphthylene	50 U
µg/L	SW8270	Acetophenone	50 U
µg/L	SW8270	Aniline	100 U
µg/L	SW8270	Anthracene	50 U
µg/L	SW8270	Atrazine	50 U
µg/L	SW8270	Benzaldehyde	50 U
µg/L	SW8270	Benzo(a)anthracene	50 U
µg/L	SW8270	Benzo(a)pyrene	50 U
µg/L	SW8270	Benzo(b)fluoranthene	50 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E DMH-E31 D_1114
		Location	DMH-E31
		Sample Date	11/06/2014
		Sample Delivery Group	480-70897-1
Units	Method	Parameter Name	
µg/L	SW8270	Benzo(g,h,i)perylene	50 U
µg/L	SW8270	Benzo(k)fluoranthene	50 U
µg/L	SW8270	Biphenyl	50 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	50 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	50 U
µg/L	SW8270	Bis(2-chloroethyl)ether	50 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	50 U
µg/L	SW8270	Butyl benzyl phthalate	50 U
µg/L	SW8270	Caprolactam	50 UJ
µg/L	SW8270	Carbazole	50 U
µg/L	SW8270	Chrysene	50 U
µg/L	SW8270	Di-n-butyl phthalate	50 U
µg/L	SW8270	Di-n-octyl phthalate	50 U
µg/L	SW8270	Dibenz(a,h)anthracene	50 U
µg/L	SW8270	Dibenzofuran	100 U
µg/L	SW8270	Diethyl phthalate	50 U
µg/L	SW8270	Dimethyl phthalate	50 U
µg/L	SW8270	Fluoranthene	50 U
µg/L	SW8270	Fluorene	50 U
µg/L	SW8270	Hexachlorobenzene	50 U
µg/L	SW8270	Hexachlorobutadiene	50 U
µg/L	SW8270	Hexachlorocyclopentadiene	50 U
µg/L	SW8270	Hexachloroethane	50 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	50 U
µg/L	SW8270	Isophorone	50 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	50 U
µg/L	SW8270	N-Nitrosodiphenylamine	50 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

		Field Sample ID	BCC Area E DMH-E31 D_1114
		Location	DMH-E31
		Sample Date	11/06/2014
		Sample Delivery Group	480-70897-1
Units	Method	Parameter Name	
µg/L	SW8270	Naphthalene	50 U
µg/L	SW8270	Nitrobenzene	50 U
µg/L	SW8270	Pentachlorophenol	100 U
µg/L	SW8270	Phenanthrene	50 U
µg/L	SW8270	Phenol	50 U
µg/L	SW8270	Pyrene	50 U

**Notes:**

U = undetected

J = estimated value



**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E DMH-E31_1114	TRIP BLANK_1114
Location			DMH-E31	QC
Sample Date			11/06/2014	11/06/2014
Sample Delivery Group			480-70897-1	480-70897-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.1	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	6.5	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.6	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	3.8	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	3.8 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	7.6	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E DMH-E31_1114	TRIP BLANK_1114
Location			DMH-E31	QC
Sample Date			11/06/2014	11/06/2014
Sample Delivery Group			480-70897-1	480-70897-1
Units	Method	Parameter Name		
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	250 U	
µg/L	SW8270	2,4,6-Trichlorophenol	250 U	
µg/L	SW8270	2,4-Dichlorophenol	250 U	
µg/L	SW8270	2,4-Dimethylphenol	250 U	
µg/L	SW8270	2,4-Dinitrophenol	500 U	
µg/L	SW8270	2,4-Dinitrotoluene	91 J	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E DMH-E31_1114	TRIP BLANK_1114
Location			DMH-E31	QC
Sample Date			11/06/2014	11/06/2014
Sample Delivery Group			480-70897-1	480-70897-1
Units	Method	Parameter Name		
µg/L	SW8270	2,6-Dinitrotoluene	110 J	
µg/L	SW8270	2-Chloronaphthalene	250 U	
µg/L	SW8270	2-Chlorophenol	250 U	
µg/L	SW8270	2-Methylnaphthalene	250 U	
µg/L	SW8270	2-Methylphenol	250 U	
µg/L	SW8270	2-Nitroaniline	500 U	
µg/L	SW8270	2-Nitrophenol	250 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	250 U	
µg/L	SW8270	3-Nitroaniline	500 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	500 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	250 U	
µg/L	SW8270	4-Chloro-3-methylphenol	250 U	
µg/L	SW8270	4-Chloroaniline	250 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	250 U	
µg/L	SW8270	4-Methylphenol	500 U	
µg/L	SW8270	4-Nitroaniline	500 U	
µg/L	SW8270	4-Nitrophenol	500 U	
µg/L	SW8270	Acenaphthene	250 U	
µg/L	SW8270	Acenaphthylene	250 U	
µg/L	SW8270	Acetophenone	250 U	
µg/L	SW8270	Aniline	500 U	
µg/L	SW8270	Anthracene	250 U	
µg/L	SW8270	Atrazine	250 U	
µg/L	SW8270	Benzaldehyde	250 U	
µg/L	SW8270	Benzo(a)anthracene	250 U	
µg/L	SW8270	Benzo(a)pyrene	250 U	
µg/L	SW8270	Benzo(b)fluoranthene	250 U	

**TABLE 4**  
**FINAL RESULTS**  
**DATA VALIDATION SUMMARY REPORT**  
**NOVEMBER 2014 AREA E STORMWATER SAMPLING**  
**HONEYWELL – BUFFALO COLOR AREA E**  
**BUFFALO, NEW YORK**

Field Sample ID			BCC Area E DMH-E31_1114	TRIP BLANK_1114
Location			DMH-E31	QC
Sample Date			11/06/2014	11/06/2014
Sample Delivery Group			480-70897-1	480-70897-1
Units	Method	Parameter Name		
µg/L	SW8270	Benzo(g,h,i)perylene	250 U	
µg/L	SW8270	Benzo(k)fluoranthene	250 U	
µg/L	SW8270	Biphenyl	250 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	250 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	250 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	250 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	250 U	
µg/L	SW8270	Butyl benzyl phthalate	250 U	
µg/L	SW8270	Caprolactam	250 UJ	
µg/L	SW8270	Carbazole	250 U	
µg/L	SW8270	Chrysene	250 U	
µg/L	SW8270	Di-n-butyl phthalate	250 U	
µg/L	SW8270	Di-n-octyl phthalate	250 U	
µg/L	SW8270	Dibenz(a,h)anthracene	250 U	
µg/L	SW8270	Dibenzofuran	500 U	
µg/L	SW8270	Diethyl phthalate	250 U	
µg/L	SW8270	Dimethyl phthalate	250 U	
µg/L	SW8270	Fluoranthene	250 U	
µg/L	SW8270	Fluorene	250 U	
µg/L	SW8270	Hexachlorobenzene	250 U	
µg/L	SW8270	Hexachlorobutadiene	250 U	
µg/L	SW8270	Hexachlorocyclopentadiene	250 U	
µg/L	SW8270	Hexachloroethane	250 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	250 U	
µg/L	SW8270	Isophorone	250 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	250 U	
µg/L	SW8270	N-Nitrosodiphenylamine	250 U	

**TABLE 4  
FINAL RESULTS  
DATA VALIDATION SUMMARY REPORT  
NOVEMBER 2014 AREA E STORMWATER SAMPLING  
HONEYWELL – BUFFALO COLOR AREA E  
BUFFALO, NEW YORK**

Field Sample ID			BCC Area E DMH-E31_1114	TRIP BLANK_1114
Location			DMH-E31	QC
Sample Date			11/06/2014	11/06/2014
Sample Delivery Group			480-70897-1	480-70897-1
Units	Method	Parameter Name		
µg/L	SW8270	Naphthalene	250 U	
µg/L	SW8270	Nitrobenzene	250 U	
µg/L	SW8270	Pentachlorophenol	500 U	
µg/L	SW8270	Phenanthrene	250 U	
µg/L	SW8270	Phenol	250 U	
µg/L	SW8270	Pyrene	250 U	

**Notes:**

U = undetected

J = estimated value

**ATTACHMENT E**  
**GROUNDWATER ANALYTICAL REPORTS**

**ATTACHMENT E-1**  
**LNAPL MONITORING WELLS**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-62785-1

Client Project/Site: 37745-Buffalo Color- Monthly GAC

Sampling Event: Buffalo Color - Monthly GAC

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

7/29/2014 3:36:13 PM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15





# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	8
Surrogate Summary . . . . .	34
QC Sample Results . . . . .	36
QC Association Summary . . . . .	46
Lab Chronicle . . . . .	48
Certification Summary . . . . .	50
Method Summary . . . . .	51
Sample Summary . . . . .	52
Chain of Custody . . . . .	53
Receipt Checklists . . . . .	54

# Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

## Qualifiers

### GC/MS VOA

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

### GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
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.

## Glossary

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

# Case Narrative

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

## Job ID: 480-62785-1

### Laboratory: TestAmerica Buffalo

#### Narrative

#### Job Narrative 480-62785-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/26/2014 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 2.3° C and 2.7° C.

#### GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 191556 was outside the method criteria for the following analyte: Acetone. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 191556 recovered above the upper control limit for 2-Hexanone. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-191556/3).

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

#### GC/MS Semi VOA

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: BCC\_AREA E\_RFI-PZ-17\_0614 (480-62785-6). These results have been reported and qualified.

Method(s) 8270D: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 190493 recovered outside control limits for the following analytes: 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. This method allows for 3 analytes to recover outside of the control limits, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC\_AREA E\_ICM-PZ-02S\_0614 (480-62785-4), BCC\_AREA E\_ICM-PZ-03S\_0614 (480-62785-5). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 194748 recovered above the upper control limit for 2-Methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-194748/3).

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

#### Metals

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

#### Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 190493.

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

## Detection Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E08\_0614**

**Lab Sample ID: 480-62785-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.50	J B	5.0	0.40	ug/L	1		8270D	Total/NA
Aluminum	0.25		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0013	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	355		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.013		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0068	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	33.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.41		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.020		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	11.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.32		0.010	0.0015	mg/L	1		6010C	Total/NA

**Client Sample ID: BCC\_AREA E\_MW-E09\_0614**

**Lab Sample ID: 480-62785-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.57	J B	5.0	0.40	ug/L	1		8270D	Total/NA
Phenanthrene	1.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.84		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.012		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0060		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	529		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.017		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.13		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	46.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.8		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.084		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	8.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	1.7		0.010	0.0015	mg/L	1		6010C	Total/NA

**Client Sample ID: BCC\_AREA E\_MW-E10\_0614**

**Lab Sample ID: 480-62785-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.3	J	10	3.0	ug/L	1		8260C	Total/NA
Fluoranthene	0.49	J B	5.0	0.40	ug/L	1		8270D	Total/NA
Phenanthrene	1.2	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.19	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.036		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	493		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	15.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0050	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	75.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.3		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

### Client Sample ID: BCC\_AREA E\_MW-E10\_0614 (Continued)

Lab Sample ID: 480-62785-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	10		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.021		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC\_AREA E\_ICM-PZ-02S\_0614

Lab Sample ID: 480-62785-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.1	J	10	3.0	ug/L	1		8260C	Total/NA
Methylcyclohexane	0.31	J	1.0	0.16	ug/L	1		8260C	Total/NA
Fluoranthene	0.58	J B	5.0	0.40	ug/L	1		8270D	Total/NA
Phenanthrene	1.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.28		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	0.28		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	259		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.00067	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	20.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	41.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75		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	7.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	14.6		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 E\_ICM-PZ-03S\_0614

Lab Sample ID: 480-62785-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	10	3.0	ug/L	1		8260C	Total/NA
4-Nitrophenol	2.6	J	10	1.5	ug/L	1		8270D	Total/NA
Acenaphthene	0.56	J	5.0	0.41	ug/L	1		8270D	Total/NA
Benzaldehyde	0.32	J	5.0	0.27	ug/L	1		8270D	Total/NA
Diethyl phthalate	3.2	J	5.0	0.22	ug/L	1		8270D	Total/NA
Fluoranthene	0.70	J B	5.0	0.40	ug/L	1		8270D	Total/NA
Phenanthrene	1.5	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.29		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	416		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	10.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0033	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	76.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	9.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.4		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0024	J	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC\_AREA E\_RFI-PZ-17\_0614

Lab Sample ID: 480-62785-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.1	J	10	3.0	ug/L	1		8260C	Total/NA
Acenaphthene	0.47	J	5.0	0.41	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

## Client Sample ID: BCC\_AREA E\_RFI-PZ-17\_0614 (Continued)

Lab Sample ID: 480-62785-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.54	J B	5.0	0.40	ug/L	1		8270D	Total/NA
Phenanthrene	1.2	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.12		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	323		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	48.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	12.1		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0063	J	0.010	0.0015	mg/L	1		6010C	Total/NA

## Client Sample ID: TRIP BLANK

Lab Sample ID: 480-62785-7

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E08\_0614**

**Lab Sample ID: 480-62785-1**

**Date Collected: 06/26/14 09:25**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/14 15:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 15:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 15:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 15:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 15:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 15:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 15:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 15:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 15:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 15:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 15:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 15:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 15:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 15:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 15:18	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 15:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 15:18	1
Acetone	ND		10	3.0	ug/L			07/08/14 15:18	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 15:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 15:18	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 15:18	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 15:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 15:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 15:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 15:18	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 15:18	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 15:18	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 15:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 15:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 15:18	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 15:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 15:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 15:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 15:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 15:18	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 15:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 15:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/14 15:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 15:18	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 15:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 15:18	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 15:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 15:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 15:18	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 15:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 15:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 15:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 15:18	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E08\_0614**

**Lab Sample ID: 480-62785-1**

**Date Collected: 06/26/14 09:25**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		07/08/14 15:18	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/08/14 15:18	1
Toluene-d8 (Surr)	103		71 - 126		07/08/14 15:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 19:20	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/30/14 08:01	07/24/14 19:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 19:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/30/14 08:01	07/24/14 19:20	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 19:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 19:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 19:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/30/14 08:01	07/24/14 19:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/30/14 08:01	07/24/14 19:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:20	1
2-Nitroaniline	ND		10	0.42	ug/L		06/30/14 08:01	07/24/14 19:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 19:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:20	1
3-Nitroaniline	ND		10	0.48	ug/L		06/30/14 08:01	07/24/14 19:20	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 19:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 19:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 19:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 19:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 19:20	1
4-Methylphenol	ND		10	0.36	ug/L		06/30/14 08:01	07/24/14 19:20	1
4-Nitroaniline	ND		10	0.25	ug/L		06/30/14 08:01	07/24/14 19:20	1
4-Nitrophenol	ND		10	1.5	ug/L		06/30/14 08:01	07/24/14 19:20	1
Acenaphthene	ND		5.0	0.41	ug/L		06/30/14 08:01	07/24/14 19:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/30/14 08:01	07/24/14 19:20	1
Acetophenone	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 19:20	1
Aniline	ND		10	0.61	ug/L		06/30/14 08:01	07/24/14 19:20	1
Anthracene	ND		5.0	0.28	ug/L		06/30/14 08:01	07/24/14 19:20	1
Atrazine	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 19:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/30/14 08:01	07/24/14 19:20	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 19:20	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 19:20	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 19:20	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 19:20	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/30/14 08:01	07/24/14 19:20	1
Biphenyl	ND		5.0	0.65	ug/L		06/30/14 08:01	07/24/14 19:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/30/14 08:01	07/24/14 19:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 19:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/30/14 08:01	07/24/14 19:20	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 19:20	1
Caprolactam	ND		5.0	2.2	ug/L		06/30/14 08:01	07/24/14 19:20	1
Carbazole	ND		5.0	0.30	ug/L		06/30/14 08:01	07/24/14 19:20	1
Chrysene	ND		5.0	0.33	ug/L		06/30/14 08:01	07/24/14 19:20	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E08\_0614**

**Lab Sample ID: 480-62785-1**

Date Collected: 06/26/14 09:25

Matrix: Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 19:20	1
Dibenzofuran	ND		10	0.51	ug/L		06/30/14 08:01	07/24/14 19:20	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/30/14 08:01	07/24/14 19:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 19:20	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/30/14 08:01	07/24/14 19:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 19:20	1
<b>Fluoranthene</b>	<b>0.50</b>	<b>J B</b>	5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:20	1
Fluorene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 19:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 19:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/30/14 08:01	07/24/14 19:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 19:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 19:20	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 19:20	1
Isophorone	ND		5.0	0.43	ug/L		06/30/14 08:01	07/24/14 19:20	1
Naphthalene	ND		5.0	0.76	ug/L		06/30/14 08:01	07/24/14 19:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/30/14 08:01	07/24/14 19:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 19:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 19:20	1
Pentachlorophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 19:20	1
Phenanthrene	ND		5.0	0.44	ug/L		06/30/14 08:01	07/24/14 19:20	1
Phenol	ND		5.0	0.39	ug/L		06/30/14 08:01	07/24/14 19:20	1
Pyrene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	119		52 - 132	06/30/14 08:01	07/24/14 19:20	1
2-Fluorobiphenyl	89		48 - 120	06/30/14 08:01	07/24/14 19:20	1
2-Fluorophenol	58		20 - 120	06/30/14 08:01	07/24/14 19:20	1
Nitrobenzene-d5	76		46 - 120	06/30/14 08:01	07/24/14 19:20	1
Phenol-d5	55		16 - 120	06/30/14 08:01	07/24/14 19:20	1
p-Terphenyl-d14	71		67 - 150	06/30/14 08:01	07/24/14 19:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.25</b>		0.20	0.060	mg/L		06/27/14 09:30	06/30/14 18:44	1
Antimony	ND		0.020	0.0068	mg/L		06/27/14 09:30	06/30/14 18:44	1
Arsenic	ND		0.015	0.0056	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Barium</b>	<b>0.031</b>		0.0020	0.00070	mg/L		06/27/14 09:30	06/30/14 18:44	1
Beryllium	ND		0.0020	0.00030	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Cadmium</b>	<b>0.0013</b>	<b>J</b>	0.0020	0.00050	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Calcium</b>	<b>355</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:44	1
Chromium	ND		0.0040	0.0010	mg/L		06/27/14 09:30	06/30/14 18:44	1
Cobalt	ND		0.0040	0.00063	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Copper</b>	<b>0.013</b>		0.010	0.0016	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Iron</b>	<b>1.6</b>		0.050	0.019	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Lead</b>	<b>0.0068</b>	<b>J</b>	0.010	0.0030	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Magnesium</b>	<b>33.7</b>		0.20	0.043	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Manganese</b>	<b>0.41</b>		0.0030	0.00040	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Nickel</b>	<b>0.020</b>		0.010	0.0013	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Potassium</b>	<b>3.4</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:44	1
Selenium	ND		0.025	0.0087	mg/L		06/27/14 09:30	06/30/14 18:44	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E08\_0614**

**Lab Sample ID: 480-62785-1**

Date Collected: 06/26/14 09:25

Matrix: Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Sodium</b>	<b>11.2</b>		1.0	0.32	mg/L		06/27/14 09:30	06/30/14 18:44	1
Thallium	ND		0.020	0.010	mg/L		06/27/14 09:30	06/30/14 18:44	1
Vanadium	ND		0.0050	0.0015	mg/L		06/27/14 09:30	06/30/14 18:44	1
<b>Zinc</b>	<b>0.32</b>		0.010	0.0015	mg/L		06/27/14 09:30	06/30/14 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		06/27/14 10:00	06/27/14 14:51	1

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E09\_0614**

**Lab Sample ID: 480-62785-2**

**Date Collected: 06/26/14 10:10**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/14 15:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 15:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 15:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 15:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 15:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 15:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 15:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 15:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 15:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 15:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 15:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 15:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 15:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 15:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 15:39	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 15:39	1
Acetone	ND		10	3.0	ug/L			07/08/14 15:39	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 15:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 15:39	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 15:39	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 15:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 15:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 15:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 15:39	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 15:39	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 15:39	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 15:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 15:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 15:39	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 15:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 15:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 15:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 15:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 15:39	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 15:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 15:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/14 15:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 15:39	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 15:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 15:39	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 15:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 15:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 15:39	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 15:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 15:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 15:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 15:39	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E09\_0614**

**Lab Sample ID: 480-62785-2**

**Date Collected: 06/26/14 10:10**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		07/08/14 15:39	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/08/14 15:39	1
Toluene-d8 (Surr)	101		71 - 126		07/08/14 15:39	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		06/30/14 08:01	07/24/14 19:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/30/14 08:01	07/24/14 19:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 19:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/30/14 08:01	07/24/14 19:46	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 19:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 19:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 19:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/30/14 08:01	07/24/14 19:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/30/14 08:01	07/24/14 19:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:46	1
2-Nitroaniline	ND		10	0.42	ug/L		06/30/14 08:01	07/24/14 19:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 19:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:46	1
3-Nitroaniline	ND		10	0.48	ug/L		06/30/14 08:01	07/24/14 19:46	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 19:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 19:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 19:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 19:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 19:46	1
4-Methylphenol	ND		10	0.36	ug/L		06/30/14 08:01	07/24/14 19:46	1
4-Nitroaniline	ND		10	0.25	ug/L		06/30/14 08:01	07/24/14 19:46	1
4-Nitrophenol	ND		10	1.5	ug/L		06/30/14 08:01	07/24/14 19:46	1
Acenaphthene	ND		5.0	0.41	ug/L		06/30/14 08:01	07/24/14 19:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/30/14 08:01	07/24/14 19:46	1
Acetophenone	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 19:46	1
Aniline	ND		10	0.61	ug/L		06/30/14 08:01	07/24/14 19:46	1
Anthracene	ND		5.0	0.28	ug/L		06/30/14 08:01	07/24/14 19:46	1
Atrazine	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 19:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/30/14 08:01	07/24/14 19:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 19:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 19:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 19:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 19:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/30/14 08:01	07/24/14 19:46	1
Biphenyl	ND		5.0	0.65	ug/L		06/30/14 08:01	07/24/14 19:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/30/14 08:01	07/24/14 19:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 19:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/30/14 08:01	07/24/14 19:46	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 19:46	1
Caprolactam	ND		5.0	2.2	ug/L		06/30/14 08:01	07/24/14 19:46	1
Carbazole	ND		5.0	0.30	ug/L		06/30/14 08:01	07/24/14 19:46	1
Chrysene	ND		5.0	0.33	ug/L		06/30/14 08:01	07/24/14 19:46	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E09\_0614**

**Lab Sample ID: 480-62785-2**

**Date Collected: 06/26/14 10:10**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 19:46	1
Dibenzofuran	ND		10	0.51	ug/L		06/30/14 08:01	07/24/14 19:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/30/14 08:01	07/24/14 19:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 19:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/30/14 08:01	07/24/14 19:46	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 19:46	1
<b>Fluoranthene</b>	<b>0.57</b>	<b>J B</b>	5.0	0.40	ug/L		06/30/14 08:01	07/24/14 19:46	1
Fluorene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 19:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 19:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/30/14 08:01	07/24/14 19:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 19:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 19:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 19:46	1
Isophorone	ND		5.0	0.43	ug/L		06/30/14 08:01	07/24/14 19:46	1
Naphthalene	ND		5.0	0.76	ug/L		06/30/14 08:01	07/24/14 19:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/30/14 08:01	07/24/14 19:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 19:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 19:46	1
Pentachlorophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 19:46	1
<b>Phenanthrene</b>	<b>1.3</b>	<b>J B</b>	5.0	0.44	ug/L		06/30/14 08:01	07/24/14 19:46	1
Phenol	ND		5.0	0.39	ug/L		06/30/14 08:01	07/24/14 19:46	1
Pyrene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		52 - 132	06/30/14 08:01	07/24/14 19:46	1
2-Fluorobiphenyl	97		48 - 120	06/30/14 08:01	07/24/14 19:46	1
2-Fluorophenol	78		20 - 120	06/30/14 08:01	07/24/14 19:46	1
Nitrobenzene-d5	89		46 - 120	06/30/14 08:01	07/24/14 19:46	1
Phenol-d5	60		16 - 120	06/30/14 08:01	07/24/14 19:46	1
p-Terphenyl-d14	86		67 - 150	06/30/14 08:01	07/24/14 19:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.84</b>		0.20	0.060	mg/L		06/27/14 09:30	06/30/14 18:46	1
Antimony	ND		0.020	0.0068	mg/L		06/27/14 09:30	06/30/14 18:46	1
Arsenic	ND		0.015	0.0056	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Barium</b>	<b>0.012</b>		0.0020	0.00070	mg/L		06/27/14 09:30	06/30/14 18:46	1
Beryllium	ND		0.0020	0.00030	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Cadmium</b>	<b>0.0060</b>		0.0020	0.00050	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Calcium</b>	<b>529</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:46	1
Chromium	ND		0.0040	0.0010	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Cobalt</b>	<b>0.017</b>		0.0040	0.00063	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Copper</b>	<b>0.13</b>		0.010	0.0016	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Iron</b>	<b>5.0</b>		0.050	0.019	mg/L		06/27/14 09:30	06/30/14 18:46	1
Lead	ND		0.010	0.0030	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Magnesium</b>	<b>46.3</b>		0.20	0.043	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Manganese</b>	<b>1.8</b>		0.0030	0.00040	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Nickel</b>	<b>0.084</b>		0.010	0.0013	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Potassium</b>	<b>3.7</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:46	1
Selenium	ND		0.025	0.0087	mg/L		06/27/14 09:30	06/30/14 18:46	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E09\_0614**

**Lab Sample ID: 480-62785-2**

Date Collected: 06/26/14 10:10

Matrix: Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Sodium</b>	<b>8.3</b>		1.0	0.32	mg/L		06/27/14 09:30	06/30/14 18:46	1
Thallium	ND		0.020	0.010	mg/L		06/27/14 09:30	06/30/14 18:46	1
Vanadium	ND		0.0050	0.0015	mg/L		06/27/14 09:30	06/30/14 18:46	1
<b>Zinc</b>	<b>1.7</b>		0.010	0.0015	mg/L		06/27/14 09:30	06/30/14 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/27/14 10:00	06/27/14 14:53	1

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E10\_0614**

**Lab Sample ID: 480-62785-3**

**Date Collected: 06/26/14 11:30**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/14 15:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 15:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 15:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 15:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 15:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 15:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 15:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 15:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 15:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 15:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 15:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 15:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 15:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 15:59	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 15:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 15:59	1
<b>Acetone</b>	<b>6.3</b>	<b>J</b>	10	3.0	ug/L			07/08/14 15:59	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 15:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 15:59	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 15:59	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 15:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 15:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 15:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 15:59	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 15:59	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 15:59	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 15:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 15:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 15:59	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 15:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 15:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 15:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 15:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 15:59	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 15:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 15:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/14 15:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 15:59	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 15:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 15:59	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 15:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 15:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 15:59	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 15:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 15:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 15:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 15:59	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E10\_0614**

**Lab Sample ID: 480-62785-3**

**Date Collected: 06/26/14 11:30**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		07/08/14 15:59	1
4-Bromofluorobenzene (Surr)	98		73 - 120		07/08/14 15:59	1
Toluene-d8 (Surr)	103		71 - 126		07/08/14 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 20:12	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/30/14 08:01	07/24/14 20:12	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 20:12	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/30/14 08:01	07/24/14 20:12	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 20:12	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 20:12	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:12	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 20:12	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/30/14 08:01	07/24/14 20:12	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/30/14 08:01	07/24/14 20:12	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:12	1
2-Nitroaniline	ND		10	0.42	ug/L		06/30/14 08:01	07/24/14 20:12	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 20:12	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:12	1
3-Nitroaniline	ND		10	0.48	ug/L		06/30/14 08:01	07/24/14 20:12	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 20:12	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 20:12	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 20:12	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 20:12	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 20:12	1
4-Methylphenol	ND		10	0.36	ug/L		06/30/14 08:01	07/24/14 20:12	1
4-Nitroaniline	ND		10	0.25	ug/L		06/30/14 08:01	07/24/14 20:12	1
4-Nitrophenol	ND		10	1.5	ug/L		06/30/14 08:01	07/24/14 20:12	1
Acenaphthene	ND		5.0	0.41	ug/L		06/30/14 08:01	07/24/14 20:12	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/30/14 08:01	07/24/14 20:12	1
Acetophenone	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 20:12	1
Aniline	ND		10	0.61	ug/L		06/30/14 08:01	07/24/14 20:12	1
Anthracene	ND		5.0	0.28	ug/L		06/30/14 08:01	07/24/14 20:12	1
Atrazine	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 20:12	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/30/14 08:01	07/24/14 20:12	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 20:12	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 20:12	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 20:12	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 20:12	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/30/14 08:01	07/24/14 20:12	1
Biphenyl	ND		5.0	0.65	ug/L		06/30/14 08:01	07/24/14 20:12	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/30/14 08:01	07/24/14 20:12	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 20:12	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:12	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/30/14 08:01	07/24/14 20:12	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 20:12	1
Caprolactam	ND		5.0	2.2	ug/L		06/30/14 08:01	07/24/14 20:12	1
Carbazole	ND		5.0	0.30	ug/L		06/30/14 08:01	07/24/14 20:12	1
Chrysene	ND		5.0	0.33	ug/L		06/30/14 08:01	07/24/14 20:12	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E10\_0614**

**Lab Sample ID: 480-62785-3**

Date Collected: 06/26/14 11:30

Matrix: Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 20:12	1
Dibenzofuran	ND		10	0.51	ug/L		06/30/14 08:01	07/24/14 20:12	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/30/14 08:01	07/24/14 20:12	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 20:12	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/30/14 08:01	07/24/14 20:12	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 20:12	1
<b>Fluoranthene</b>	<b>0.49</b>	<b>J B</b>	5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:12	1
Fluorene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 20:12	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 20:12	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/30/14 08:01	07/24/14 20:12	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 20:12	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 20:12	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 20:12	1
Isophorone	ND		5.0	0.43	ug/L		06/30/14 08:01	07/24/14 20:12	1
Naphthalene	ND		5.0	0.76	ug/L		06/30/14 08:01	07/24/14 20:12	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/30/14 08:01	07/24/14 20:12	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 20:12	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 20:12	1
Pentachlorophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 20:12	1
<b>Phenanthrene</b>	<b>1.2</b>	<b>J B</b>	5.0	0.44	ug/L		06/30/14 08:01	07/24/14 20:12	1
Phenol	ND		5.0	0.39	ug/L		06/30/14 08:01	07/24/14 20:12	1
Pyrene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	127		52 - 132	06/30/14 08:01	07/24/14 20:12	1
2-Fluorobiphenyl	110		48 - 120	06/30/14 08:01	07/24/14 20:12	1
2-Fluorophenol	90		20 - 120	06/30/14 08:01	07/24/14 20:12	1
Nitrobenzene-d5	109		46 - 120	06/30/14 08:01	07/24/14 20:12	1
Phenol-d5	61		16 - 120	06/30/14 08:01	07/24/14 20:12	1
p-Terphenyl-d14	67		67 - 150	06/30/14 08:01	07/24/14 20:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.19</b>	<b>J</b>	0.20	0.060	mg/L		06/27/14 09:30	06/30/14 18:49	1
Antimony	ND		0.020	0.0068	mg/L		06/27/14 09:30	06/30/14 18:49	1
Arsenic	ND		0.015	0.0056	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Barium</b>	<b>0.036</b>		0.0020	0.00070	mg/L		06/27/14 09:30	06/30/14 18:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/27/14 09:30	06/30/14 18:49	1
Cadmium	ND		0.0020	0.00050	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Calcium</b>	<b>493</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:49	1
Chromium	ND		0.0040	0.0010	mg/L		06/27/14 09:30	06/30/14 18:49	1
Cobalt	ND		0.0040	0.00063	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Copper</b>	<b>0.0036</b>	<b>J</b>	0.010	0.0016	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Iron</b>	<b>15.9</b>		0.050	0.019	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Lead</b>	<b>0.0050</b>	<b>J</b>	0.010	0.0030	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Magnesium</b>	<b>75.6</b>		0.20	0.043	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Manganese</b>	<b>1.1</b>		0.0030	0.00040	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Nickel</b>	<b>0.0013</b>	<b>J</b>	0.010	0.0013	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Potassium</b>	<b>3.3</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:49	1
Selenium	ND		0.025	0.0087	mg/L		06/27/14 09:30	06/30/14 18:49	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E10\_0614**

**Lab Sample ID: 480-62785-3**

Date Collected: 06/26/14 11:30

Matrix: Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Sodium</b>	<b>10</b>		1.0	0.32	mg/L		06/27/14 09:30	06/30/14 18:49	1
Thallium	ND		0.020	0.010	mg/L		06/27/14 09:30	06/30/14 18:49	1
Vanadium	ND		0.0050	0.0015	mg/L		06/27/14 09:30	06/30/14 18:49	1
<b>Zinc</b>	<b>0.021</b>		0.010	0.0015	mg/L		06/27/14 09:30	06/30/14 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/27/14 10:00	06/27/14 14:58	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA\_E\_ICM-PZ-02S\_0614**

**Lab Sample ID: 480-62785-4**

**Date Collected: 06/26/14 13:30**

**Matrix: Ground Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/14 16:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 16:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 16:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 16:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 16:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 16:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 16:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 16:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 16:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 16:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 16:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 16:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 16:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 16:20	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 16:20	1
<b>Acetone</b>	<b>5.1</b>	<b>J</b>	10	3.0	ug/L			07/08/14 16:20	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 16:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 16:20	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 16:20	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 16:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 16:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 16:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 16:20	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 16:20	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 16:20	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 16:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 16:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 16:20	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 16:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 16:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 16:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 16:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 16:20	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 16:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 16:20	1
<b>Methylcyclohexane</b>	<b>0.31</b>	<b>J</b>	1.0	0.16	ug/L			07/08/14 16:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 16:20	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 16:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 16:20	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 16:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 16:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 16:20	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 16:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 16:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 16:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 16:20	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-02S\_0614**

**Lab Sample ID: 480-62785-4**

**Date Collected: 06/26/14 13:30**

**Matrix: Ground Water**

**Date Received: 06/26/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		07/08/14 16:20	1
4-Bromofluorobenzene (Surr)	96		73 - 120		07/08/14 16:20	1
Toluene-d8 (Surr)	99		71 - 126		07/08/14 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 20:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/30/14 08:01	07/24/14 20:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 20:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/30/14 08:01	07/24/14 20:37	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 20:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 20:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 20:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/30/14 08:01	07/24/14 20:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/30/14 08:01	07/24/14 20:37	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:37	1
2-Nitroaniline	ND		10	0.42	ug/L		06/30/14 08:01	07/24/14 20:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 20:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:37	1
3-Nitroaniline	ND		10	0.48	ug/L		06/30/14 08:01	07/24/14 20:37	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 20:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 20:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 20:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 20:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 20:37	1
4-Methylphenol	ND		10	0.36	ug/L		06/30/14 08:01	07/24/14 20:37	1
4-Nitroaniline	ND		10	0.25	ug/L		06/30/14 08:01	07/24/14 20:37	1
4-Nitrophenol	ND		10	1.5	ug/L		06/30/14 08:01	07/24/14 20:37	1
Acenaphthene	ND		5.0	0.41	ug/L		06/30/14 08:01	07/24/14 20:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/30/14 08:01	07/24/14 20:37	1
Acetophenone	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 20:37	1
Aniline	ND		10	0.61	ug/L		06/30/14 08:01	07/24/14 20:37	1
Anthracene	ND		5.0	0.28	ug/L		06/30/14 08:01	07/24/14 20:37	1
Atrazine	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 20:37	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/30/14 08:01	07/24/14 20:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 20:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 20:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 20:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 20:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/30/14 08:01	07/24/14 20:37	1
Biphenyl	ND		5.0	0.65	ug/L		06/30/14 08:01	07/24/14 20:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/30/14 08:01	07/24/14 20:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 20:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/30/14 08:01	07/24/14 20:37	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 20:37	1
Caprolactam	ND		5.0	2.2	ug/L		06/30/14 08:01	07/24/14 20:37	1
Carbazole	ND		5.0	0.30	ug/L		06/30/14 08:01	07/24/14 20:37	1
Chrysene	ND		5.0	0.33	ug/L		06/30/14 08:01	07/24/14 20:37	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-02S\_0614**

**Lab Sample ID: 480-62785-4**

**Date Collected: 06/26/14 13:30**

**Matrix: Ground Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 20:37	1
Dibenzofuran	ND		10	0.51	ug/L		06/30/14 08:01	07/24/14 20:37	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/30/14 08:01	07/24/14 20:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 20:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/30/14 08:01	07/24/14 20:37	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 20:37	1
<b>Fluoranthene</b>	<b>0.58</b>	<b>J B</b>	5.0	0.40	ug/L		06/30/14 08:01	07/24/14 20:37	1
Fluorene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 20:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 20:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/30/14 08:01	07/24/14 20:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 20:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 20:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 20:37	1
Isophorone	ND		5.0	0.43	ug/L		06/30/14 08:01	07/24/14 20:37	1
Naphthalene	ND		5.0	0.76	ug/L		06/30/14 08:01	07/24/14 20:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/30/14 08:01	07/24/14 20:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 20:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 20:37	1
Pentachlorophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 20:37	1
<b>Phenanthrene</b>	<b>1.3</b>	<b>J B</b>	5.0	0.44	ug/L		06/30/14 08:01	07/24/14 20:37	1
Phenol	ND		5.0	0.39	ug/L		06/30/14 08:01	07/24/14 20:37	1
Pyrene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	139	X	52 - 132	06/30/14 08:01	07/24/14 20:37	1
2-Fluorobiphenyl	113		48 - 120	06/30/14 08:01	07/24/14 20:37	1
2-Fluorophenol	93		20 - 120	06/30/14 08:01	07/24/14 20:37	1
Nitrobenzene-d5	109		46 - 120	06/30/14 08:01	07/24/14 20:37	1
Phenol-d5	69		16 - 120	06/30/14 08:01	07/24/14 20:37	1
p-Terphenyl-d14	71		67 - 150	06/30/14 08:01	07/24/14 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.28</b>		0.20	0.060	mg/L		06/27/14 09:30	06/30/14 18:51	1
Antimony	ND		0.020	0.0068	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Arsenic</b>	<b>0.014</b>	<b>J</b>	0.015	0.0056	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Barium</b>	<b>0.28</b>		0.0020	0.00070	mg/L		06/27/14 09:30	06/30/14 18:51	1
Beryllium	ND		0.0020	0.00030	mg/L		06/27/14 09:30	06/30/14 18:51	1
Cadmium	ND		0.0020	0.00050	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Calcium</b>	<b>259</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:51	1
Chromium	ND		0.0040	0.0010	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Cobalt</b>	<b>0.00067</b>	<b>J</b>	0.0040	0.00063	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Copper</b>	<b>0.0017</b>	<b>J</b>	0.010	0.0016	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Iron</b>	<b>20.3</b>		0.050	0.019	mg/L		06/27/14 09:30	06/30/14 18:51	1
Lead	ND		0.010	0.0030	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Magnesium</b>	<b>41.0</b>		0.20	0.043	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Manganese</b>	<b>0.75</b>		0.0030	0.00040	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Nickel</b>	<b>0.0020</b>	<b>J</b>	0.010	0.0013	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Potassium</b>	<b>7.0</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:51	1
Selenium	ND		0.025	0.0087	mg/L		06/27/14 09:30	06/30/14 18:51	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-02S\_0614**

**Lab Sample ID: 480-62785-4**

Date Collected: 06/26/14 13:30

Matrix: Ground Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Sodium</b>	<b>14.6</b>		1.0	0.32	mg/L		06/27/14 09:30	06/30/14 18:51	1
Thallium	ND		0.020	0.010	mg/L		06/27/14 09:30	06/30/14 18:51	1
Vanadium	ND		0.0050	0.0015	mg/L		06/27/14 09:30	06/30/14 18:51	1
<b>Zinc</b>	<b>0.0060</b>	<b>J</b>	0.010	0.0015	mg/L		06/27/14 09:30	06/30/14 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		06/27/14 10:00	06/27/14 15:00	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-03S\_0614**

**Lab Sample ID: 480-62785-5**

**Date Collected: 06/26/14 14:40**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/14 16:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 16:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 16:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 16:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 16:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 16:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 16:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 16:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 16:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 16:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 16:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 16:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 16:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 16:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 16:40	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 16:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 16:40	1
<b>Acetone</b>	<b>5.0</b>	<b>J</b>	10	3.0	ug/L			07/08/14 16:40	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 16:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 16:40	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 16:40	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 16:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 16:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 16:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 16:40	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 16:40	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 16:40	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 16:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 16:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 16:40	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 16:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 16:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 16:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 16:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 16:40	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 16:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 16:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/14 16:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 16:40	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 16:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 16:40	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 16:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 16:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 16:40	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 16:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 16:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 16:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 16:40	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-03S\_0614**

**Lab Sample ID: 480-62785-5**

**Date Collected: 06/26/14 14:40**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		07/08/14 16:40	1
4-Bromofluorobenzene (Surr)	94		73 - 120		07/08/14 16:40	1
Toluene-d8 (Surr)	100		71 - 126		07/08/14 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 21:03	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/30/14 08:01	07/24/14 21:03	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 21:03	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/30/14 08:01	07/24/14 21:03	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 21:03	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 21:03	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 21:03	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 21:03	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/30/14 08:01	07/24/14 21:03	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/30/14 08:01	07/24/14 21:03	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 21:03	1
2-Nitroaniline	ND		10	0.42	ug/L		06/30/14 08:01	07/24/14 21:03	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 21:03	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 21:03	1
3-Nitroaniline	ND		10	0.48	ug/L		06/30/14 08:01	07/24/14 21:03	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/24/14 21:03	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 21:03	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 21:03	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 21:03	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 21:03	1
4-Methylphenol	ND		10	0.36	ug/L		06/30/14 08:01	07/24/14 21:03	1
4-Nitroaniline	ND		10	0.25	ug/L		06/30/14 08:01	07/24/14 21:03	1
<b>4-Nitrophenol</b>	<b>2.6</b>	<b>J</b>	10	1.5	ug/L		06/30/14 08:01	07/24/14 21:03	1
<b>Acenaphthene</b>	<b>0.56</b>	<b>J</b>	5.0	0.41	ug/L		06/30/14 08:01	07/24/14 21:03	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/30/14 08:01	07/24/14 21:03	1
Acetophenone	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 21:03	1
Aniline	ND		10	0.61	ug/L		06/30/14 08:01	07/24/14 21:03	1
Anthracene	ND		5.0	0.28	ug/L		06/30/14 08:01	07/24/14 21:03	1
Atrazine	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 21:03	1
<b>Benzaldehyde</b>	<b>0.32</b>	<b>J</b>	5.0	0.27	ug/L		06/30/14 08:01	07/24/14 21:03	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 21:03	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 21:03	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 21:03	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 21:03	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/30/14 08:01	07/24/14 21:03	1
Biphenyl	ND		5.0	0.65	ug/L		06/30/14 08:01	07/24/14 21:03	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/30/14 08:01	07/24/14 21:03	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 21:03	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 21:03	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/30/14 08:01	07/24/14 21:03	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 21:03	1
Caprolactam	ND		5.0	2.2	ug/L		06/30/14 08:01	07/24/14 21:03	1
Carbazole	ND		5.0	0.30	ug/L		06/30/14 08:01	07/24/14 21:03	1
Chrysene	ND		5.0	0.33	ug/L		06/30/14 08:01	07/24/14 21:03	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-03S\_0614**

**Lab Sample ID: 480-62785-5**

Date Collected: 06/26/14 14:40

Matrix: Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 21:03	1
Dibenzofuran	ND		10	0.51	ug/L		06/30/14 08:01	07/24/14 21:03	1
<b>Diethyl phthalate</b>	<b>3.2</b>	<b>J</b>	5.0	0.22	ug/L		06/30/14 08:01	07/24/14 21:03	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 21:03	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/30/14 08:01	07/24/14 21:03	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 21:03	1
<b>Fluoranthene</b>	<b>0.70</b>	<b>J B</b>	5.0	0.40	ug/L		06/30/14 08:01	07/24/14 21:03	1
Fluorene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 21:03	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 21:03	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/30/14 08:01	07/24/14 21:03	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 21:03	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 21:03	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 21:03	1
Isophorone	ND		5.0	0.43	ug/L		06/30/14 08:01	07/24/14 21:03	1
Naphthalene	ND		5.0	0.76	ug/L		06/30/14 08:01	07/24/14 21:03	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/30/14 08:01	07/24/14 21:03	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 21:03	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 21:03	1
Pentachlorophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 21:03	1
<b>Phenanthrene</b>	<b>1.5</b>	<b>J B</b>	5.0	0.44	ug/L		06/30/14 08:01	07/24/14 21:03	1
Phenol	ND		5.0	0.39	ug/L		06/30/14 08:01	07/24/14 21:03	1
Pyrene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	147	X	52 - 132	06/30/14 08:01	07/24/14 21:03	1
2-Fluorobiphenyl	121	X	48 - 120	06/30/14 08:01	07/24/14 21:03	1
2-Fluorophenol	97		20 - 120	06/30/14 08:01	07/24/14 21:03	1
Nitrobenzene-d5	116		46 - 120	06/30/14 08:01	07/24/14 21:03	1
Phenol-d5	69		16 - 120	06/30/14 08:01	07/24/14 21:03	1
p-Terphenyl-d14	69		67 - 150	06/30/14 08:01	07/24/14 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.11</b>	<b>J</b>	0.20	0.060	mg/L		06/27/14 09:30	06/30/14 18:54	1
Antimony	ND		0.020	0.0068	mg/L		06/27/14 09:30	06/30/14 18:54	1
Arsenic	ND		0.015	0.0056	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Barium</b>	<b>0.29</b>		0.0020	0.00070	mg/L		06/27/14 09:30	06/30/14 18:54	1
Beryllium	ND		0.0020	0.00030	mg/L		06/27/14 09:30	06/30/14 18:54	1
Cadmium	ND		0.0020	0.00050	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Calcium</b>	<b>416</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:54	1
Chromium	ND		0.0040	0.0010	mg/L		06/27/14 09:30	06/30/14 18:54	1
Cobalt	ND		0.0040	0.00063	mg/L		06/27/14 09:30	06/30/14 18:54	1
Copper	ND		0.010	0.0016	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Iron</b>	<b>10.1</b>		0.050	0.019	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Lead</b>	<b>0.0033</b>	<b>J</b>	0.010	0.0030	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Magnesium</b>	<b>76.6</b>		0.20	0.043	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Manganese</b>	<b>2.0</b>		0.0030	0.00040	mg/L		06/27/14 09:30	06/30/14 18:54	1
Nickel	ND		0.010	0.0013	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Potassium</b>	<b>9.4</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:54	1
Selenium	ND		0.025	0.0087	mg/L		06/27/14 09:30	06/30/14 18:54	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-03S\_0614**

**Lab Sample ID: 480-62785-5**

Date Collected: 06/26/14 14:40

Matrix: Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Sodium</b>	<b>17.4</b>		1.0	0.32	mg/L		06/27/14 09:30	06/30/14 18:54	1
Thallium	ND		0.020	0.010	mg/L		06/27/14 09:30	06/30/14 18:54	1
Vanadium	ND		0.0050	0.0015	mg/L		06/27/14 09:30	06/30/14 18:54	1
<b>Zinc</b>	<b>0.0024</b>	<b>J</b>	0.010	0.0015	mg/L		06/27/14 09:30	06/30/14 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		06/27/14 10:00	06/27/14 15:01	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_RFI-PZ-17\_0614**

**Lab Sample ID: 480-62785-6**

**Date Collected: 06/26/14 12:40**

**Matrix: Ground Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/14 17:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 17:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 17:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 17:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 17:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 17:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 17:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 17:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 17:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 17:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 17:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 17:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 17:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 17:01	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 17:01	1
<b>Acetone</b>	<b>4.1</b>	<b>J</b>	10	3.0	ug/L			07/08/14 17:01	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 17:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 17:01	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 17:01	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 17:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 17:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 17:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 17:01	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 17:01	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 17:01	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 17:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 17:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 17:01	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 17:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 17:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 17:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 17:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 17:01	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 17:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 17:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/14 17:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 17:01	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 17:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 17:01	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 17:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 17:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 17:01	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 17:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 17:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 17:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 17:01	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_RFI-PZ-17\_0614**

**Lab Sample ID: 480-62785-6**

**Date Collected: 06/26/14 12:40**

**Matrix: Ground Water**

**Date Received: 06/26/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		07/08/14 17:01	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/08/14 17:01	1
Toluene-d8 (Surr)	102		71 - 126		07/08/14 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/25/14 10:43	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/30/14 08:01	07/25/14 10:43	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/30/14 08:01	07/25/14 10:43	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/30/14 08:01	07/25/14 10:43	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/25/14 10:43	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/30/14 08:01	07/25/14 10:43	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/30/14 08:01	07/25/14 10:43	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/30/14 08:01	07/25/14 10:43	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/30/14 08:01	07/25/14 10:43	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/30/14 08:01	07/25/14 10:43	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/30/14 08:01	07/25/14 10:43	1
2-Nitroaniline	ND		10	0.42	ug/L		06/30/14 08:01	07/25/14 10:43	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/25/14 10:43	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/30/14 08:01	07/25/14 10:43	1
3-Nitroaniline	ND		10	0.48	ug/L		06/30/14 08:01	07/25/14 10:43	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		06/30/14 08:01	07/25/14 10:43	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/30/14 08:01	07/25/14 10:43	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/30/14 08:01	07/25/14 10:43	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/30/14 08:01	07/25/14 10:43	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/30/14 08:01	07/25/14 10:43	1
4-Methylphenol	ND		10	0.36	ug/L		06/30/14 08:01	07/25/14 10:43	1
4-Nitroaniline	ND		10	0.25	ug/L		06/30/14 08:01	07/25/14 10:43	1
4-Nitrophenol	ND		10	1.5	ug/L		06/30/14 08:01	07/25/14 10:43	1
<b>Acenaphthene</b>	<b>0.47</b>	<b>J</b>	5.0	0.41	ug/L		06/30/14 08:01	07/25/14 10:43	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/30/14 08:01	07/25/14 10:43	1
Acetophenone	ND		5.0	0.54	ug/L		06/30/14 08:01	07/25/14 10:43	1
Aniline	ND		10	0.61	ug/L		06/30/14 08:01	07/25/14 10:43	1
Anthracene	ND		5.0	0.28	ug/L		06/30/14 08:01	07/25/14 10:43	1
Atrazine	ND		5.0	0.46	ug/L		06/30/14 08:01	07/25/14 10:43	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/30/14 08:01	07/25/14 10:43	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/25/14 10:43	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/25/14 10:43	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/25/14 10:43	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/30/14 08:01	07/25/14 10:43	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/30/14 08:01	07/25/14 10:43	1
Biphenyl	ND		5.0	0.65	ug/L		06/30/14 08:01	07/25/14 10:43	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/30/14 08:01	07/25/14 10:43	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/30/14 08:01	07/25/14 10:43	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/30/14 08:01	07/25/14 10:43	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/30/14 08:01	07/25/14 10:43	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/30/14 08:01	07/25/14 10:43	1
Caprolactam	ND		5.0	2.2	ug/L		06/30/14 08:01	07/25/14 10:43	1
Carbazole	ND		5.0	0.30	ug/L		06/30/14 08:01	07/25/14 10:43	1
Chrysene	ND		5.0	0.33	ug/L		06/30/14 08:01	07/25/14 10:43	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_RFI-PZ-17\_0614**

**Lab Sample ID: 480-62785-6**

**Date Collected: 06/26/14 12:40**

**Matrix: Ground Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/30/14 08:01	07/25/14 10:43	1
Dibenzofuran	ND		10	0.51	ug/L		06/30/14 08:01	07/25/14 10:43	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/30/14 08:01	07/25/14 10:43	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/30/14 08:01	07/25/14 10:43	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/30/14 08:01	07/25/14 10:43	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/30/14 08:01	07/25/14 10:43	1
<b>Fluoranthene</b>	<b>0.54</b>	<b>J B</b>	5.0	0.40	ug/L		06/30/14 08:01	07/25/14 10:43	1
Fluorene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/25/14 10:43	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/30/14 08:01	07/25/14 10:43	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/30/14 08:01	07/25/14 10:43	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/30/14 08:01	07/25/14 10:43	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/30/14 08:01	07/25/14 10:43	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/25/14 10:43	1
Isophorone	ND		5.0	0.43	ug/L		06/30/14 08:01	07/25/14 10:43	1
Naphthalene	ND		5.0	0.76	ug/L		06/30/14 08:01	07/25/14 10:43	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/30/14 08:01	07/25/14 10:43	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/30/14 08:01	07/25/14 10:43	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/30/14 08:01	07/25/14 10:43	1
Pentachlorophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/25/14 10:43	1
<b>Phenanthrene</b>	<b>1.2</b>	<b>J B</b>	5.0	0.44	ug/L		06/30/14 08:01	07/25/14 10:43	1
Phenol	ND		5.0	0.39	ug/L		06/30/14 08:01	07/25/14 10:43	1
Pyrene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/25/14 10:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	148	X	52 - 132	06/30/14 08:01	07/25/14 10:43	1
2-Fluorobiphenyl	114		48 - 120	06/30/14 08:01	07/25/14 10:43	1
2-Fluorophenol	80		20 - 120	06/30/14 08:01	07/25/14 10:43	1
Nitrobenzene-d5	100		46 - 120	06/30/14 08:01	07/25/14 10:43	1
Phenol-d5	72		16 - 120	06/30/14 08:01	07/25/14 10:43	1
p-Terphenyl-d14	81		67 - 150	06/30/14 08:01	07/25/14 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/27/14 09:30	06/30/14 18:56	1
Antimony	ND		0.020	0.0068	mg/L		06/27/14 09:30	06/30/14 18:56	1
Arsenic	ND		0.015	0.0056	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Barium</b>	<b>0.12</b>		0.0020	0.00070	mg/L		06/27/14 09:30	06/30/14 18:56	1
Beryllium	ND		0.0020	0.00030	mg/L		06/27/14 09:30	06/30/14 18:56	1
Cadmium	ND		0.0020	0.00050	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Calcium</b>	<b>323</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:56	1
Chromium	ND		0.0040	0.0010	mg/L		06/27/14 09:30	06/30/14 18:56	1
Cobalt	ND		0.0040	0.00063	mg/L		06/27/14 09:30	06/30/14 18:56	1
Copper	ND		0.010	0.0016	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Iron</b>	<b>2.0</b>		0.050	0.019	mg/L		06/27/14 09:30	06/30/14 18:56	1
Lead	ND		0.010	0.0030	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Magnesium</b>	<b>48.8</b>		0.20	0.043	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Manganese</b>	<b>0.16</b>		0.0030	0.00040	mg/L		06/27/14 09:30	06/30/14 18:56	1
Nickel	ND		0.010	0.0013	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Potassium</b>	<b>3.0</b>		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 18:56	1
Selenium	ND		0.025	0.0087	mg/L		06/27/14 09:30	06/30/14 18:56	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_RFI-PZ-17\_0614**

**Lab Sample ID: 480-62785-6**

Date Collected: 06/26/14 12:40

Matrix: Ground Water

Date Received: 06/26/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Sodium</b>	<b>12.1</b>		1.0	0.32	mg/L		06/27/14 09:30	06/30/14 18:56	1
Thallium	ND		0.020	0.010	mg/L		06/27/14 09:30	06/30/14 18:56	1
Vanadium	ND		0.0050	0.0015	mg/L		06/27/14 09:30	06/30/14 18:56	1
<b>Zinc</b>	<b>0.0063</b>	<b>J</b>	0.010	0.0015	mg/L		06/27/14 09:30	06/30/14 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/27/14 10:00	06/27/14 15:47	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-62785-7**

**Date Collected: 06/26/14 00:00**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/14 17:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 17:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 17:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 17:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 17:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 17:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 17:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 17:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 17:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 17:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 17:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 17:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 17:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 17:21	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 17:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 17:21	1
Acetone	ND		10	3.0	ug/L			07/08/14 17:21	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 17:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 17:21	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 17:21	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 17:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 17:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 17:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 17:21	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 17:21	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 17:21	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 17:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 17:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 17:21	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 17:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 17:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 17:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 17:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 17:21	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 17:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 17:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/14 17:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 17:21	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 17:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 17:21	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 17:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 17:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 17:21	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 17:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 17:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 17:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 17:21	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-62785-7**

**Date Collected: 06/26/14 00:00**

**Matrix: Water**

**Date Received: 06/26/14 15:45**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		07/08/14 17:21	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/08/14 17:21	1
Toluene-d8 (Surr)	106		71 - 126		07/08/14 17:21	1



# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	111	96	99
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	107	97	102

**Surrogate Legend**

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-62785-1	BCC_AREA E_MW-E08_0614	106	97	103
480-62785-2	BCC_AREA E_MW-E09_0614	109	97	101
480-62785-3	BCC_AREA E_MW-E10_0614	108	98	103
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	110	94	100
480-62785-7	TRIP BLANK	111	100	106
LCS 480-191556/6	Lab Control Sample	106	97	102
MB 480-191556/7	Method Blank	108	99	104

**Surrogate Legend**

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	139 X	113	93	109	69	71
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	148 X	114	80	100	72	81

**Surrogate Legend**

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

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-62785-1	BCC_AREA E_MW-E08_0614	119	89	58	76	55	71
480-62785-2	BCC_AREA E_MW-E09_0614	111	97	78	89	60	86
480-62785-3	BCC_AREA E_MW-E10_0614	127	110	90	109	61	67
480-62785-5	BCC_AREA	147 X	121 X	97	116	69	69
	E_ICM-PZ-03S_0614						
LCS 480-190493/2-A	Lab Control Sample	123	116	106	116	79	111
LCSD 480-190493/3-A	Lab Control Sample Dup	123	113	106	118	79	110
MB 480-190493/1-A	Method Blank	77	80	69	78	49	90

### Surrogate Legend

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



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

**Lab Sample ID: MB 480-191556/7**

**Matrix: Water**

**Analysis Batch: 191556**

**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			07/08/14 11:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/14 11:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/14 11:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/14 11:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/14 11:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/14 11:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/14 11:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/14 11:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/14 11:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/14 11:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/14 11:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/14 11:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/14 11:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/14 11:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/14 11:17	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/14 11:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/14 11:17	1
Acetone	ND		10	3.0	ug/L			07/08/14 11:17	1
Benzene	ND		1.0	0.41	ug/L			07/08/14 11:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/14 11:17	1
Bromoform	ND		1.0	0.26	ug/L			07/08/14 11:17	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/14 11:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/14 11:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/14 11:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/14 11:17	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/14 11:17	1
Chloroform	ND		1.0	0.34	ug/L			07/08/14 11:17	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/14 11:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/14 11:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/14 11:17	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/14 11:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/14 11:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/14 11:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/14 11:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/14 11:17	1
Methyl acetate	ND		2.5	0.50	ug/L			07/08/14 11:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/14 11:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/14 11:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/14 11:17	1
Styrene	ND		1.0	0.73	ug/L			07/08/14 11:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/14 11:17	1
Toluene	ND		1.0	0.51	ug/L			07/08/14 11:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/14 11:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/14 11:17	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/14 11:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/14 11:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/14 11:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/14 11:17	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

**Lab Sample ID: MB 480-191556/7**

**Matrix: Water**

**Analysis Batch: 191556**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		07/08/14 11:17	1
4-Bromofluorobenzene (Surr)	99		73 - 120		07/08/14 11:17	1
Toluene-d8 (Surr)	104		71 - 126		07/08/14 11:17	1

**Lab Sample ID: LCS 480-191556/6**

**Matrix: Water**

**Analysis Batch: 191556**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	25.3		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.0		ug/L		96	52 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.5		ug/L		98	71 - 129
1,1-Dichloroethene	25.0	23.2		ug/L		93	58 - 121
1,2,4-Trichlorobenzene	25.0	25.0		ug/L		100	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	25.7		ug/L		103	75 - 127
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	75 - 120
2-Butanone (MEK)	125	132		ug/L		106	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	146		ug/L		117	56 - 142
Benzene	25.0	24.9		ug/L		99	71 - 124
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122
Bromoform	25.0	22.3		ug/L		89	52 - 132
Bromomethane	25.0	27.4		ug/L		110	55 - 144
Carbon disulfide	25.0	23.6		ug/L		94	59 - 134
Carbon tetrachloride	25.0	25.4		ug/L		102	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	72 - 120
Chloroethane	25.0	25.8		ug/L		103	69 - 136
Chloroform	25.0	24.1		ug/L		97	73 - 127
Chloromethane	25.0	25.5		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	24.4		ug/L		97	74 - 124
Cyclohexane	25.0	23.8		ug/L		95	59 - 135
Dibromochloromethane	25.0	24.2		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	22.8		ug/L		91	59 - 135
Ethylbenzene	25.0	24.2		ug/L		97	77 - 123
Isopropylbenzene	25.0	25.8		ug/L		103	77 - 122
Methyl acetate	125	131		ug/L		104	74 - 133
Methyl tert-butyl ether	25.0	24.1		ug/L		96	64 - 127
Methylcyclohexane	25.0	23.8		ug/L		95	61 - 138

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

**Lab Sample ID: LCS 480-191556/6**

**Matrix: Water**

**Analysis Batch: 191556**

**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	22.0		ug/L		88	57 - 132
Styrene	25.0	24.4		ug/L		98	70 - 130
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	24.6		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	23.7		ug/L		95	72 - 123
Trichloroethene	25.0	24.9		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	22.2		ug/L		89	62 - 152
Vinyl chloride	25.0	23.3		ug/L		93	65 - 133
Xylenes, Total	50.0	47.9		ug/L		96	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	102		71 - 126

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

**Lab Sample ID: MB 480-190493/1-A**

**Matrix: Water**

**Analysis Batch: 194530**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 190493**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 18:02	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/30/14 08:01	07/24/14 18:02	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 18:02	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/30/14 08:01	07/24/14 18:02	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 18:02	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 18:02	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 18:02	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 18:02	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/30/14 08:01	07/24/14 18:02	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/30/14 08:01	07/24/14 18:02	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 18:02	1
2-Nitroaniline	ND		10	0.42	ug/L		06/30/14 08:01	07/24/14 18:02	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/30/14 08:01	07/24/14 18:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 18:02	1
3-Nitroaniline	ND		10	0.48	ug/L		06/30/14 08:01	07/24/14 18:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 18:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 18:02	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/30/14 08:01	07/24/14 18:02	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 18:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 18:02	1
4-Methylphenol	ND		10	0.36	ug/L		06/30/14 08:01	07/24/14 18:02	1
4-Nitroaniline	ND		10	0.25	ug/L		06/30/14 08:01	07/24/14 18:02	1
4-Nitrophenol	ND		10	1.5	ug/L		06/30/14 08:01	07/24/14 18:02	1
Acenaphthene	ND		5.0	0.41	ug/L		06/30/14 08:01	07/24/14 18:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/30/14 08:01	07/24/14 18:02	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

Lab Sample ID: MB 480-190493/1-A

Matrix: Water

Analysis Batch: 194530

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 190493

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetophenone	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 18:02	1
Aniline	ND		10	0.61	ug/L		06/30/14 08:01	07/24/14 18:02	1
Anthracene	ND		5.0	0.28	ug/L		06/30/14 08:01	07/24/14 18:02	1
Atrazine	ND		5.0	0.46	ug/L		06/30/14 08:01	07/24/14 18:02	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/30/14 08:01	07/24/14 18:02	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 18:02	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 18:02	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 18:02	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 18:02	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/30/14 08:01	07/24/14 18:02	1
Biphenyl	ND		5.0	0.65	ug/L		06/30/14 08:01	07/24/14 18:02	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/30/14 08:01	07/24/14 18:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/30/14 08:01	07/24/14 18:02	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/30/14 08:01	07/24/14 18:02	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/30/14 08:01	07/24/14 18:02	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 18:02	1
Caprolactam	ND		5.0	2.2	ug/L		06/30/14 08:01	07/24/14 18:02	1
Carbazole	ND		5.0	0.30	ug/L		06/30/14 08:01	07/24/14 18:02	1
Chrysene	ND		5.0	0.33	ug/L		06/30/14 08:01	07/24/14 18:02	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/30/14 08:01	07/24/14 18:02	1
Dibenzofuran	ND		10	0.51	ug/L		06/30/14 08:01	07/24/14 18:02	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/30/14 08:01	07/24/14 18:02	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 18:02	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/30/14 08:01	07/24/14 18:02	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 18:02	1
Fluoranthene	0.648	J	5.0	0.40	ug/L		06/30/14 08:01	07/24/14 18:02	1
Fluorene	ND		5.0	0.36	ug/L		06/30/14 08:01	07/24/14 18:02	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 18:02	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/30/14 08:01	07/24/14 18:02	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 18:02	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/30/14 08:01	07/24/14 18:02	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/30/14 08:01	07/24/14 18:02	1
Isophorone	ND		5.0	0.43	ug/L		06/30/14 08:01	07/24/14 18:02	1
Naphthalene	ND		5.0	0.76	ug/L		06/30/14 08:01	07/24/14 18:02	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/30/14 08:01	07/24/14 18:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/30/14 08:01	07/24/14 18:02	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/30/14 08:01	07/24/14 18:02	1
Pentachlorophenol	ND		10	2.2	ug/L		06/30/14 08:01	07/24/14 18:02	1
Phenanthrene	1.61	J	5.0	0.44	ug/L		06/30/14 08:01	07/24/14 18:02	1
Phenol	ND		5.0	0.39	ug/L		06/30/14 08:01	07/24/14 18:02	1
Pyrene	ND		5.0	0.34	ug/L		06/30/14 08:01	07/24/14 18:02	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	77		52 - 132	06/30/14 08:01	07/24/14 18:02	1
2-Fluorobiphenyl	80		48 - 120	06/30/14 08:01	07/24/14 18:02	1
2-Fluorophenol	69		20 - 120	06/30/14 08:01	07/24/14 18:02	1
Nitrobenzene-d5	78		46 - 120	06/30/14 08:01	07/24/14 18:02	1
Phenol-d5	49		16 - 120	06/30/14 08:01	07/24/14 18:02	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

**Lab Sample ID: MB 480-190493/1-A**

**Matrix: Water**

**Analysis Batch: 194530**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 190493**

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
p-Terphenyl-d14	90		67 - 150	06/30/14 08:01	07/24/14 18:02	1

**Lab Sample ID: LCS 480-190493/2-A**

**Matrix: Water**

**Analysis Batch: 194530**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 190493**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	30.6		ug/L		96	65 - 126
2,4,6-Trichlorophenol	32.0	31.8		ug/L		99	64 - 120
2,4-Dichlorophenol	32.0	32.3		ug/L		101	64 - 120
2,4-Dimethylphenol	32.0	26.4		ug/L		82	57 - 120
2,4-Dinitrophenol	64.0	21.3	*	ug/L		33	42 - 153
2,4-Dinitrotoluene	32.0	32.2		ug/L		101	65 - 154
2,6-Dinitrotoluene	32.0	33.0		ug/L		103	74 - 134
2-Chloronaphthalene	32.0	30.6		ug/L		96	41 - 124
2-Chlorophenol	32.0	30.1		ug/L		94	48 - 120
2-Methylnaphthalene	32.0	28.5		ug/L		89	34 - 122
2-Methylphenol	32.0	29.0		ug/L		91	39 - 120
2-Nitroaniline	32.0	32.5		ug/L		102	67 - 136
2-Nitrophenol	32.0	31.0		ug/L		97	59 - 120
3,3'-Dichlorobenzidine	64.0	68.1	E	ug/L		106	33 - 140
3-Nitroaniline	32.0	18.9		ug/L		59	28 - 86
4,6-Dinitro-2-methylphenol	64.0	30.9	*	ug/L		48	64 - 159
4-Bromophenyl phenyl ether	32.0	31.8		ug/L		99	71 - 126
4-Chloro-3-methylphenol	32.0	30.4		ug/L		95	64 - 120
4-Chloroaniline	32.0	8.44		ug/L		26	10 - 77
4-Chlorophenyl phenyl ether	32.0	29.8		ug/L		93	71 - 122
4-Methylphenol	32.0	29.5		ug/L		92	39 - 120
4-Nitroaniline	32.0	27.7		ug/L		86	47 - 113
4-Nitrophenol	64.0	43.2		ug/L		67	16 - 120
Acenaphthene	32.0	30.4		ug/L		95	60 - 120
Acenaphthylene	32.0	32.5		ug/L		102	63 - 120
Acetophenone	32.0	31.0		ug/L		97	45 - 120
Aniline	32.0	20.6		ug/L		64	37 - 120
Anthracene	32.0	31.5		ug/L		99	58 - 148
Atrazine	64.0	66.7	E	ug/L		104	56 - 179
Benzaldehyde	64.0	39.9		ug/L		62	30 - 140
Benzo(a)anthracene	32.0	32.8		ug/L		102	55 - 151
Benzo(a)pyrene	32.0	32.7		ug/L		102	60 - 145
Benzo(b)fluoranthene	32.0	34.3		ug/L		107	54 - 140
Benzo(g,h,i)perylene	32.0	23.9		ug/L		75	66 - 152
Benzo(k)fluoranthene	32.0	35.9		ug/L		112	51 - 153
Biphenyl	32.0	30.5		ug/L		95	30 - 140
bis (2-chloroisopropyl) ether	32.0	31.2		ug/L		98	28 - 136
Bis(2-chloroethoxy)methane	32.0	30.0		ug/L		94	50 - 128
Bis(2-chloroethyl)ether	32.0	29.1		ug/L		91	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.5		ug/L		101	53 - 158
Butyl benzyl phthalate	32.0	33.2		ug/L		104	58 - 163

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

**Lab Sample ID: LCS 480-190493/2-A**

**Matrix: Water**

**Analysis Batch: 194530**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 190493**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Caprolactam	64.0	26.8		ug/L		42	14 - 56	
Carbazole	32.0	35.4		ug/L		111	59 - 148	
Chrysene	32.0	32.9		ug/L		103	69 - 140	
Dibenz(a,h)anthracene	32.0	25.1		ug/L		78	57 - 148	
Dibenzofuran	32.0	30.3		ug/L		95	49 - 137	
Diethyl phthalate	32.0	31.9		ug/L		100	59 - 146	
Dimethyl phthalate	32.0	32.0		ug/L		100	59 - 141	
Di-n-butyl phthalate	32.0	33.2		ug/L		104	58 - 149	
Di-n-octyl phthalate	32.0	34.7		ug/L		108	55 - 167	
Fluoranthene	32.0	32.2		ug/L		101	55 - 147	
Fluorene	32.0	29.8		ug/L		93	55 - 143	
Hexachlorobenzene	32.0	32.2		ug/L		101	14 - 108	
Hexachlorobutadiene	32.0	25.9		ug/L		81	14 - 108	
Hexachlorocyclopentadiene	32.0	22.5		ug/L		70	13 - 119	
Hexachloroethane	32.0	25.6		ug/L		80	14 - 101	
Indeno(1,2,3-cd)pyrene	32.0	25.0		ug/L		78	69 - 146	
Isophorone	32.0	31.9		ug/L		100	48 - 133	
Naphthalene	32.0	28.4		ug/L		89	35 - 117	
Nitrobenzene	32.0	29.8		ug/L		93	45 - 123	
N-Nitrosodi-n-propylamine	32.0	29.5		ug/L		92	56 - 120	
N-Nitrosodiphenylamine	64.0	78.2	E	ug/L		122	25 - 125	
Pentachlorophenol	64.0	63.5		ug/L		99	39 - 136	
Phenanthrene	32.0	33.1		ug/L		103	57 - 147	
Phenol	32.0	21.2		ug/L		66	17 - 120	
Pyrene	32.0	31.4		ug/L		98	58 - 136	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	123		52 - 132
2-Fluorobiphenyl	116		48 - 120
2-Fluorophenol	106		20 - 120
Nitrobenzene-d5	116		46 - 120
Phenol-d5	79		16 - 120
p-Terphenyl-d14	111		67 - 150

**Lab Sample ID: LCSD 480-190493/3-A**

**Matrix: Water**

**Analysis Batch: 194530**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 190493**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
									RPD	Limit
2,4,5-Trichlorophenol	32.0	31.5		ug/L		98	65 - 126	3	18	
2,4,6-Trichlorophenol	32.0	30.5		ug/L		95	64 - 120	4	19	
2,4-Dichlorophenol	32.0	32.2		ug/L		101	64 - 120	0	19	
2,4-Dimethylphenol	32.0	20.1		ug/L		63	57 - 120	27	42	
2,4-Dinitrophenol	64.0	22.7	*	ug/L		36	42 - 153	7	22	
2,4-Dinitrotoluene	32.0	30.7		ug/L		96	65 - 154	5	20	
2,6-Dinitrotoluene	32.0	31.6		ug/L		99	74 - 134	4	15	
2-Chloronaphthalene	32.0	29.9		ug/L		93	41 - 124	2	21	
2-Chlorophenol	32.0	30.0		ug/L		94	48 - 120	0	25	

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

Lab Sample ID: LCSD 480-190493/3-A

Matrix: Water

Analysis Batch: 194530

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 190493

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
2-Methylnaphthalene	32.0	28.4		ug/L		89	34 - 122	0	21	
2-Methylphenol	32.0	30.7		ug/L		96	39 - 120	6	27	
2-Nitroaniline	32.0	31.5		ug/L		98	67 - 136	3	15	
2-Nitrophenol	32.0	31.1		ug/L		97	59 - 120	0	18	
3,3'-Dichlorobenzidine	64.0	68.0	E	ug/L		106	33 - 140	0	25	
3-Nitroaniline	32.0	18.8		ug/L		59	28 - 86	1	19	
4,6-Dinitro-2-methylphenol	64.0	33.4	*	ug/L		52	64 - 159	8	15	
4-Bromophenyl phenyl ether	32.0	31.2		ug/L		97	71 - 126	2	15	
4-Chloro-3-methylphenol	32.0	29.9		ug/L		93	64 - 120	2	27	
4-Chloroaniline	32.0	9.55		ug/L		30	10 - 77	12	22	
4-Chlorophenyl phenyl ether	32.0	29.3		ug/L		91	71 - 122	2	16	
4-Methylphenol	32.0	29.4		ug/L		92	39 - 120	0	24	
4-Nitroaniline	32.0	27.3		ug/L		85	47 - 113	1	24	
4-Nitrophenol	64.0	42.5		ug/L		66	16 - 120	2	48	
Acenaphthene	32.0	29.5		ug/L		92	60 - 120	3	24	
Acenaphthylene	32.0	31.7		ug/L		99	63 - 120	3	18	
Acetophenone	32.0	30.8		ug/L		96	45 - 120	1	20	
Aniline	32.0	20.0		ug/L		63	37 - 120	3	30	
Anthracene	32.0	31.1		ug/L		97	58 - 148	1	15	
Atrazine	64.0	63.8	E	ug/L		100	56 - 179	4	20	
Benzaldehyde	64.0	41.3		ug/L		65	30 - 140	3	20	
Benzo(a)anthracene	32.0	32.1		ug/L		100	55 - 151	2	15	
Benzo(a)pyrene	32.0	31.6		ug/L		99	60 - 145	4	15	
Benzo(b)fluoranthene	32.0	33.1		ug/L		103	54 - 140	4	15	
Benzo(g,h,i)perylene	32.0	22.5		ug/L		70	66 - 152	6	15	
Benzo(k)fluoranthene	32.0	34.8		ug/L		109	51 - 153	3	22	
Biphenyl	32.0	29.7		ug/L		93	30 - 140	3	20	
bis (2-chloroisopropyl) ether	32.0	30.8		ug/L		96	28 - 136	1	24	
Bis(2-chloroethoxy)methane	32.0	30.0		ug/L		94	50 - 128	0	17	
Bis(2-chloroethyl)ether	32.0	28.9		ug/L		90	51 - 120	1	21	
Bis(2-ethylhexyl) phthalate	32.0	31.8		ug/L		99	53 - 158	2	15	
Butyl benzyl phthalate	32.0	32.4		ug/L		101	58 - 163	3	16	
Caprolactam	64.0	26.4		ug/L		41	14 - 56	1	20	
Carbazole	32.0	34.7		ug/L		108	59 - 148	2	20	
Chrysene	32.0	32.0		ug/L		100	69 - 140	3	15	
Dibenz(a,h)anthracene	32.0	23.8		ug/L		74	57 - 148	6	15	
Dibenzofuran	32.0	29.4		ug/L		92	49 - 137	3	15	
Diethyl phthalate	32.0	30.7		ug/L		96	59 - 146	4	15	
Dimethyl phthalate	32.0	30.9		ug/L		97	59 - 141	3	15	
Di-n-butyl phthalate	32.0	31.9		ug/L		100	58 - 149	4	15	
Di-n-octyl phthalate	32.0	33.8		ug/L		106	55 - 167	3	16	
Fluoranthene	32.0	31.2		ug/L		97	55 - 147	3	15	
Fluorene	32.0	28.9		ug/L		90	55 - 143	3	15	
Hexachlorobenzene	32.0	31.2		ug/L		97	14 - 108	3	15	
Hexachlorobutadiene	32.0	25.7		ug/L		80	14 - 108	1	44	
Hexachlorocyclopentadiene	32.0	21.5		ug/L		67	13 - 119	4	49	
Hexachloroethane	32.0	25.5		ug/L		80	14 - 101	0	46	
Indeno(1,2,3-cd)pyrene	32.0	23.9		ug/L		75	69 - 146	4	15	

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

**Lab Sample ID: LCSD 480-190493/3-A**

**Matrix: Water**

**Analysis Batch: 194530**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 190493**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isophorone	32.0	31.5		ug/L		99	48 - 133	1	17
Naphthalene	32.0	28.2		ug/L		88	35 - 117	1	29
Nitrobenzene	32.0	29.7		ug/L		93	45 - 123	1	24
N-Nitrosodi-n-propylamine	32.0	29.3		ug/L		92	56 - 120	1	31
N-Nitrosodiphenylamine	64.0	76.4	E	ug/L		119	25 - 125	2	15
Pentachlorophenol	64.0	58.9		ug/L		92	39 - 136	7	37
Phenanthrene	32.0	31.7		ug/L		99	57 - 147	4	15
Phenol	32.0	20.9		ug/L		65	17 - 120	1	34
Pyrene	32.0	30.8		ug/L		96	58 - 136	2	19

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol	123		52 - 132
2-Fluorobiphenyl	113		48 - 120
2-Fluorophenol	106		20 - 120
Nitrobenzene-d5	118		46 - 120
Phenol-d5	79		16 - 120
p-Terphenyl-d14	110		67 - 150

## Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 480-190181/1-A**

**Matrix: Water**

**Analysis Batch: 190716**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 190181**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/27/14 09:30	06/30/14 17:53	1
Antimony	ND		0.020	0.0068	mg/L		06/27/14 09:30	06/30/14 17:53	1
Arsenic	ND		0.015	0.0056	mg/L		06/27/14 09:30	06/30/14 17:53	1
Barium	ND		0.0020	0.00070	mg/L		06/27/14 09:30	06/30/14 17:53	1
Beryllium	ND		0.0020	0.00030	mg/L		06/27/14 09:30	06/30/14 17:53	1
Cadmium	ND		0.0020	0.00050	mg/L		06/27/14 09:30	06/30/14 17:53	1
Calcium	ND		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 17:53	1
Chromium	ND		0.0040	0.0010	mg/L		06/27/14 09:30	06/30/14 17:53	1
Cobalt	ND		0.0040	0.00063	mg/L		06/27/14 09:30	06/30/14 17:53	1
Copper	ND		0.010	0.0016	mg/L		06/27/14 09:30	06/30/14 17:53	1
Iron	ND		0.050	0.019	mg/L		06/27/14 09:30	06/30/14 17:53	1
Lead	ND		0.010	0.0030	mg/L		06/27/14 09:30	06/30/14 17:53	1
Magnesium	ND		0.20	0.043	mg/L		06/27/14 09:30	06/30/14 17:53	1
Manganese	ND		0.0030	0.00040	mg/L		06/27/14 09:30	06/30/14 17:53	1
Nickel	ND		0.010	0.0013	mg/L		06/27/14 09:30	06/30/14 17:53	1
Potassium	ND		0.50	0.10	mg/L		06/27/14 09:30	06/30/14 17:53	1
Selenium	ND		0.025	0.0087	mg/L		06/27/14 09:30	06/30/14 17:53	1
Silver	ND		0.0060	0.0017	mg/L		06/27/14 09:30	06/30/14 17:53	1
Sodium	ND		1.0	0.32	mg/L		06/27/14 09:30	06/30/14 17:53	1
Thallium	ND		0.020	0.010	mg/L		06/27/14 09:30	06/30/14 17:53	1
Vanadium	ND		0.0050	0.0015	mg/L		06/27/14 09:30	06/30/14 17:53	1
Zinc	ND		0.010	0.0015	mg/L		06/27/14 09:30	06/30/14 17:53	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

Lab Sample ID: LCS 480-190181/2-A

Matrix: Water

Analysis Batch: 190716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 190181

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.53		mg/L		105	80 - 120
Antimony	0.200	0.206		mg/L		103	80 - 120
Arsenic	0.200	0.200		mg/L		100	80 - 120
Barium	0.200	0.208		mg/L		104	80 - 120
Beryllium	0.200	0.206		mg/L		103	80 - 120
Cadmium	0.200	0.206		mg/L		103	80 - 120
Calcium	10.0	9.96		mg/L		100	80 - 120
Chromium	0.200	0.210		mg/L		105	80 - 120
Cobalt	0.200	0.205		mg/L		102	80 - 120
Copper	0.200	0.204		mg/L		102	80 - 120
Iron	10.0	10.24		mg/L		102	80 - 120
Lead	0.200	0.202		mg/L		101	80 - 120
Magnesium	10.0	10.89		mg/L		109	80 - 120
Manganese	0.200	0.212		mg/L		106	80 - 120
Nickel	0.200	0.199		mg/L		99	80 - 120
Potassium	10.0	10.24		mg/L		102	80 - 120
Selenium	0.200	0.205		mg/L		103	80 - 120
Silver	0.0500	0.0532		mg/L		106	80 - 120
Sodium	10.0	10.01		mg/L		100	80 - 120
Thallium	0.200	0.211		mg/L		105	80 - 120
Vanadium	0.200	0.217		mg/L		108	80 - 120
Zinc	0.200	0.212		mg/L		106	80 - 120

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-190209/1-A

Matrix: Water

Analysis Batch: 190481

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 190209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/27/14 10:00	06/27/14 14:15	1

Lab Sample ID: LCS 480-190209/2-A

Matrix: Water

Analysis Batch: 190481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 190209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00657		mg/L		98	80 - 120

Lab Sample ID: MB 480-190211/1-A

Matrix: Water

Analysis Batch: 190481

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 190211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/27/14 10:00	06/27/14 15:44	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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

Lab Sample ID: LCS 480-190211/2-A  
Matrix: Water  
Analysis Batch: 190481

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 190211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00677		mg/L		101	80 - 120

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

## GC/MS VOA

### Analysis Batch: 191556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-1	BCC_AREA E_MW-E08_0614	Total/NA	Water	8260C	
480-62785-2	BCC_AREA E_MW-E09_0614	Total/NA	Water	8260C	
480-62785-3	BCC_AREA E_MW-E10_0614	Total/NA	Water	8260C	
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Total/NA	Ground Water	8260C	
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Total/NA	Water	8260C	
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Total/NA	Ground Water	8260C	
480-62785-7	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-191556/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-191556/7	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 190493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-1	BCC_AREA E_MW-E08_0614	Total/NA	Water	3510C	
480-62785-2	BCC_AREA E_MW-E09_0614	Total/NA	Water	3510C	
480-62785-3	BCC_AREA E_MW-E10_0614	Total/NA	Water	3510C	
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Total/NA	Ground Water	3510C	
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Total/NA	Water	3510C	
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Total/NA	Ground Water	3510C	
LCS 480-190493/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-190493/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-190493/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 194530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-1	BCC_AREA E_MW-E08_0614	Total/NA	Water	8270D	190493
480-62785-2	BCC_AREA E_MW-E09_0614	Total/NA	Water	8270D	190493
480-62785-3	BCC_AREA E_MW-E10_0614	Total/NA	Water	8270D	190493
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Total/NA	Ground Water	8270D	190493
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Total/NA	Water	8270D	190493
LCS 480-190493/2-A	Lab Control Sample	Total/NA	Water	8270D	190493
LCSD 480-190493/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	190493
MB 480-190493/1-A	Method Blank	Total/NA	Water	8270D	190493

### Analysis Batch: 194748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Total/NA	Ground Water	8270D	190493

## Metals

### Prep Batch: 190181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-1	BCC_AREA E_MW-E08_0614	Total/NA	Water	3005A	
480-62785-2	BCC_AREA E_MW-E09_0614	Total/NA	Water	3005A	
480-62785-3	BCC_AREA E_MW-E10_0614	Total/NA	Water	3005A	
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Total/NA	Ground Water	3005A	
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Total/NA	Water	3005A	
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Total/NA	Ground Water	3005A	
LCS 480-190181/2-A	Lab Control Sample	Total/NA	Water	3005A	

TestAmerica Buffalo

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

## Metals (Continued)

### Prep Batch: 190181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-190181/1-A	Method Blank	Total/NA	Water	3005A	

### Prep Batch: 190209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-1	BCC_AREA E_MW-E08_0614	Total/NA	Water	7470A	
480-62785-2	BCC_AREA E_MW-E09_0614	Total/NA	Water	7470A	
480-62785-3	BCC_AREA E_MW-E10_0614	Total/NA	Water	7470A	
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Total/NA	Ground Water	7470A	
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Total/NA	Water	7470A	
LCS 480-190209/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-190209/1-A	Method Blank	Total/NA	Water	7470A	

### Prep Batch: 190211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Total/NA	Ground Water	7470A	
LCS 480-190211/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-190211/1-A	Method Blank	Total/NA	Water	7470A	

### Analysis Batch: 190481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-1	BCC_AREA E_MW-E08_0614	Total/NA	Water	7470A	190209
480-62785-2	BCC_AREA E_MW-E09_0614	Total/NA	Water	7470A	190209
480-62785-3	BCC_AREA E_MW-E10_0614	Total/NA	Water	7470A	190209
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Total/NA	Ground Water	7470A	190209
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Total/NA	Water	7470A	190209
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Total/NA	Ground Water	7470A	190211
LCS 480-190209/2-A	Lab Control Sample	Total/NA	Water	7470A	190209
LCS 480-190211/2-A	Lab Control Sample	Total/NA	Water	7470A	190211
MB 480-190209/1-A	Method Blank	Total/NA	Water	7470A	190209
MB 480-190211/1-A	Method Blank	Total/NA	Water	7470A	190211

### Analysis Batch: 190716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62785-1	BCC_AREA E_MW-E08_0614	Total/NA	Water	6010C	190181
480-62785-2	BCC_AREA E_MW-E09_0614	Total/NA	Water	6010C	190181
480-62785-3	BCC_AREA E_MW-E10_0614	Total/NA	Water	6010C	190181
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Total/NA	Ground Water	6010C	190181
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Total/NA	Water	6010C	190181
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Total/NA	Ground Water	6010C	190181
LCS 480-190181/2-A	Lab Control Sample	Total/NA	Water	6010C	190181
MB 480-190181/1-A	Method Blank	Total/NA	Water	6010C	190181

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_MW-E08\_0614**

**Lab Sample ID: 480-62785-1**

Date Collected: 06/26/14 09:25

Matrix: Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191556	07/08/14 15:18	NMD1	TAL BUF
Total/NA	Prep	3510C			190493	06/30/14 08:01	RJS	TAL BUF
Total/NA	Analysis	8270D		1	194530	07/24/14 19:20	MKP	TAL BUF
Total/NA	Prep	3005A			190181	06/27/14 09:30	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190716	06/30/14 18:44	JRK	TAL BUF
Total/NA	Prep	7470A			190209	06/27/14 10:00	LRK	TAL BUF
Total/NA	Analysis	7470A		1	190481	06/27/14 14:51	LRK	TAL BUF

**Client Sample ID: BCC\_AREA E\_MW-E09\_0614**

**Lab Sample ID: 480-62785-2**

Date Collected: 06/26/14 10:10

Matrix: Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191556	07/08/14 15:39	NMD1	TAL BUF
Total/NA	Prep	3510C			190493	06/30/14 08:01	RJS	TAL BUF
Total/NA	Analysis	8270D		1	194530	07/24/14 19:46	MKP	TAL BUF
Total/NA	Prep	3005A			190181	06/27/14 09:30	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190716	06/30/14 18:46	JRK	TAL BUF
Total/NA	Prep	7470A			190209	06/27/14 10:00	LRK	TAL BUF
Total/NA	Analysis	7470A		1	190481	06/27/14 14:53	LRK	TAL BUF

**Client Sample ID: BCC\_AREA E\_MW-E10\_0614**

**Lab Sample ID: 480-62785-3**

Date Collected: 06/26/14 11:30

Matrix: Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191556	07/08/14 15:59	NMD1	TAL BUF
Total/NA	Prep	3510C			190493	06/30/14 08:01	RJS	TAL BUF
Total/NA	Analysis	8270D		1	194530	07/24/14 20:12	MKP	TAL BUF
Total/NA	Prep	3005A			190181	06/27/14 09:30	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190716	06/30/14 18:49	JRK	TAL BUF
Total/NA	Prep	7470A			190209	06/27/14 10:00	LRK	TAL BUF
Total/NA	Analysis	7470A		1	190481	06/27/14 14:58	LRK	TAL BUF

**Client Sample ID: BCC\_AREA E\_ICM-PZ-02S\_0614**

**Lab Sample ID: 480-62785-4**

Date Collected: 06/26/14 13:30

Matrix: Ground Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191556	07/08/14 16:20	NMD1	TAL BUF
Total/NA	Prep	3510C			190493	06/30/14 08:01	RJS	TAL BUF
Total/NA	Analysis	8270D		1	194530	07/24/14 20:37	MKP	TAL BUF

TestAmerica Buffalo

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

**Client Sample ID: BCC\_AREA E\_ICM-PZ-02S\_0614**

**Lab Sample ID: 480-62785-4**

Date Collected: 06/26/14 13:30

Matrix: Ground Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			190181	06/27/14 09:30	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190716	06/30/14 18:51	JRK	TAL BUF
Total/NA	Prep	7470A			190209	06/27/14 10:00	LRK	TAL BUF
Total/NA	Analysis	7470A		1	190481	06/27/14 15:00	LRK	TAL BUF

**Client Sample ID: BCC\_AREA E\_ICM-PZ-03S\_0614**

**Lab Sample ID: 480-62785-5**

Date Collected: 06/26/14 14:40

Matrix: Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191556	07/08/14 16:40	NMD1	TAL BUF
Total/NA	Prep	3510C			190493	06/30/14 08:01	RJS	TAL BUF
Total/NA	Analysis	8270D		1	194530	07/24/14 21:03	MKP	TAL BUF
Total/NA	Prep	3005A			190181	06/27/14 09:30	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190716	06/30/14 18:54	JRK	TAL BUF
Total/NA	Prep	7470A			190209	06/27/14 10:00	LRK	TAL BUF
Total/NA	Analysis	7470A		1	190481	06/27/14 15:01	LRK	TAL BUF

**Client Sample ID: BCC\_AREA E\_RFI-PZ-17\_0614**

**Lab Sample ID: 480-62785-6**

Date Collected: 06/26/14 12:40

Matrix: Ground Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191556	07/08/14 17:01	NMD1	TAL BUF
Total/NA	Prep	3510C			190493	06/30/14 08:01	RJS	TAL BUF
Total/NA	Analysis	8270D		1	194748	07/25/14 10:43	PJQ	TAL BUF
Total/NA	Prep	3005A			190181	06/27/14 09:30	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190716	06/30/14 18:56	JRK	TAL BUF
Total/NA	Prep	7470A			190211	06/27/14 10:00	LRK	TAL BUF
Total/NA	Analysis	7470A		1	190481	06/27/14 15:47	LRK	TAL BUF

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-62785-7**

Date Collected: 06/26/14 00:00

Matrix: Water

Date Received: 06/26/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191556	07/08/14 17:21	NMD1	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: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

## 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	03-31-15

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Method Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

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: 37745-Buffalo Color- Monthly GAC

TestAmerica Job ID: 480-62785-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-62785-1	BCC_AREA E_MW-E08_0614	Water	06/26/14 09:25	06/26/14 15:45
480-62785-2	BCC_AREA E_MW-E09_0614	Water	06/26/14 10:10	06/26/14 15:45
480-62785-3	BCC_AREA E_MW-E10_0614	Water	06/26/14 11:30	06/26/14 15:45
480-62785-4	BCC_AREA E_ICM-PZ-02S_0614	Ground Water	06/26/14 13:30	06/26/14 15:45
480-62785-5	BCC_AREA E_ICM-PZ-03S_0614	Water	06/26/14 14:40	06/26/14 15:45
480-62785-6	BCC_AREA E_RFI-PZ-17_0614	Ground Water	06/26/14 12:40	06/26/14 15:45
480-62785-7	TRIP BLANK	Water	06/26/14 00:00	06/26/14 15:45



TestAmerica Buffalo  
10 Hazelwood Drive

Amherst, NY 14228  
phone 716.504.9852 fax 716.691.7991

TestAmerica  
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

COC No: 276HR-0614  
I of I COCs

Job No. 0913-OMM

SDG No.

Sample Specific Notes:

Chain of Custody Record

Date: 6-26-14  
Carrier: OSC

Site Contact: Tom Wagner  
Lab Contact: Schove, John

Project Manager: Schove, John  
Tel/Fax: (716) 912-9976

Analysis Turnaround Time

Calendar (C) or Work Days (W)

TAT

2 weeks

1 week

2 days

1 day

Client Contact  
Ontario Speciality Contracting Inc.  
333 Garrison Street  
Buffalo, NY, 14203  
716-856-3333 Phone  
716-842-1630 FAX  
Project Name: Buffalo Color - Monthly GAC  
Site: Buffalo Color - NY7A9728  
PO# 52954

Sample Identification

BCC\_Area E\_MW-E08\_0614

BCC\_Area E\_MW-E09\_0614

BCC\_Area E\_MW-E10\_0614

BCC\_Area E\_ICM-PZ-02S\_0614

BCC\_Area E\_ICM-PZ-03S\_0614

BCC\_Area E\_RFL-PZ-17\_0614

Trip Blank

Sample Date

Sample Time

Sample Type

Matrix

# of Cont.

8260B - TFC 4.2 list (TLC VOC)

6040B, 7470A (TAL Metals)

8270C - (MOD) TFC SVOA - 4.2 list + aniline

1000

280

40

3-V 4-P 1-A

Container Volume (ml)

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

Possible Hazard Identification

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

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

Relinquished by: Tom Wagner Date/Time: 6/26/14 1545

Relinquished by: John Schove Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Company: TA 308

Company: \_\_\_\_\_

Company: \_\_\_\_\_

Company: \_\_\_\_\_

Company: \_\_\_\_\_

#1 2-3-27

## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-62785-1

**Login Number: 62785**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Robison, Zachary J**

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

**ATTACHMENT E-2**  
**MONITORING WELLS**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-56590-1

Client Project/Site: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

4/14/2014 11:39:47 AM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	17
Surrogate Summary . . . . .	77
QC Sample Results . . . . .	79
QC Association Summary . . . . .	97
Lab Chronicle . . . . .	101
Certification Summary . . . . .	107
Method Summary . . . . .	108
Sample Summary . . . . .	109
Chain of Custody . . . . .	110
Receipt Checklists . . . . .	111



# Definitions/Glossary

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

TestAmerica Job ID: 480-56590-1

## Qualifiers

### GC/MS VOA

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

### GC/MS Semi VOA

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

## Glossary

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

# Case Narrative

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

TestAmerica Job ID: 480-56590-1

**Job ID: 480-56590-1**

**Laboratory: TestAmerica Buffalo**

## Narrative

### Job Narrative 480-56590-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 3/25/2014 5:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.9° C, 4.8° C and 5.0° C.

#### GC/MS VOA

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) in batch 172483 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BBC\_AREA E RFI-32\_0314 (480-56590-5). 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: BBC\_AREA E RFI-32\_0314 (480-56590-5). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

#### GC/MS Semi VOA

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BBC\_AREA E R-11\_0314 (480-56590-2), BBC\_AREA E RFI-32\_0314 (480-56590-5). These results have been reported and qualified.

Method(s) 8270D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 172167 recovered outside control limits for the following analyte: 3-Nitroaniline. This analyte was biased high in the LCS and was not detected in the associated sample; therefore, the data have been reported.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC\_AREA E MW-E05\_0314 (480-56590-11), BCC\_AREA E MW-E06\_0314 (480-56590-12), BCC\_AREA E MW-E07\_0314 (480-56590-13). These results have been reported and qualified.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: BCC\_AREA E MW-E04\_0314 (480-56590-10). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

#### Metals

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

#### Organic Prep

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

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-10\_0314**

**Lab Sample ID: 480-56590-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.37	J	1.0	0.16	ug/L	1		8260C	Total/NA
Barium	99.9	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	30800	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cobalt	0.51	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	2.0	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	8360	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	5470		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	58500	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	24.6	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	210000	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	1.6	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	2.8	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	2.0	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	2.6	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable

**Client Sample ID: BBC\_AREA E R-11\_0314**

**Lab Sample ID: 480-56590-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.8	J	10	3.0	ug/L	1		8260C	Total/NA
Diethyl phthalate	1.9	J	4.9	0.21	ug/L	1		8270D	Total/NA
Barium	112	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	62100	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Copper	1.4	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	3590	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	8450		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	39600	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	7.9	J B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	43800	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	1.4	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Thallium	1.6	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	1090		20.0	6.0	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-17\_0314**

**Lab Sample ID: 480-56590-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Naphthalene	0.75	J	4.8	0.74	ug/L	1			8270D	Total/NA
Barium	29.1	J B	200	0.19	ug/L	1			6010C	Total Recoverable
Calcium	191000	B	5000	14.1	ug/L	1			6010C	Total Recoverable
Cadmium	0.20	J	5.0	0.17	ug/L	1			6010C	Total Recoverable
Chromium	1.4	J	5.0	1.0	ug/L	1			6010C	Total Recoverable
Copper	2.5	J	25.0	0.85	ug/L	1			6010C	Total Recoverable
Iron	15.5	J B	100	5.3	ug/L	1			6010C	Total Recoverable
Potassium	1360	J	5000	40.5	ug/L	1			6010C	Total Recoverable
Magnesium	26200	B	5000	10.9	ug/L	1			6010C	Total Recoverable
Manganese	0.65	J B	15.0	0.094	ug/L	1			6010C	Total Recoverable
Sodium	13300	B	5000	21.0	ug/L	1			6010C	Total Recoverable
Nickel	2.9	J B	40.0	0.49	ug/L	1			6010C	Total Recoverable
Antimony	4.3	J	10.0	2.5	ug/L	1			6010C	Total Recoverable
Selenium	3.9	J	10.0	1.7	ug/L	1			6010C	Total Recoverable
Thallium	2.8	J B	20.0	1.5	ug/L	1			6010C	Total Recoverable

**Client Sample ID: BBC\_AREA E RFI-29\_0314**

**Lab Sample ID: 480-56590-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.8		1.0	0.79	ug/L	1			8260C	Total/NA
1,4-Dichlorobenzene	3.8		1.0	0.84	ug/L	1			8260C	Total/NA
Chlorobenzene	9.3		1.0	0.75	ug/L	1			8260C	Total/NA
Arsenic	4.9	J	10.0	3.0	ug/L	1			6010C	Total Recoverable
Barium	134	J B	200	0.19	ug/L	1			6010C	Total Recoverable
Calcium	69600	B	5000	14.1	ug/L	1			6010C	Total Recoverable
Cobalt	0.40	J	50.0	0.39	ug/L	1			6010C	Total Recoverable
Iron	130	B	100	5.3	ug/L	1			6010C	Total Recoverable
Potassium	2940	J	5000	40.5	ug/L	1			6010C	Total Recoverable
Magnesium	11400	B	5000	10.9	ug/L	1			6010C	Total Recoverable
Manganese	88.7	B	15.0	0.094	ug/L	1			6010C	Total Recoverable
Sodium	177000	B	5000	21.0	ug/L	1			6010C	Total Recoverable
Nickel	1.9	J B	40.0	0.49	ug/L	1			6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

## Client Sample ID: BBC\_AREA E RFI-29\_0314 (Continued)

Lab Sample ID: 480-56590-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.7	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Thallium	2.6	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BBC\_AREA E RFI-32\_0314

Lab Sample ID: 480-56590-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	500		250	100	ug/L	250		8260C	Total/NA
Chlorobenzene - DL	30000		500	380	ug/L	500		8260C	Total/NA
2-Chlorophenol	20		4.8	0.51	ug/L	1		8270D	Total/NA
Phenol	0.92	J	4.8	0.38	ug/L	1		8270D	Total/NA
Aluminum	86.0	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	3.1	J	10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	37.5	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	305000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cobalt	5.3	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Chromium	3.1	J	5.0	1.0	ug/L	1		6010C	Total Recoverable
Copper	1.9	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	3870	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	1390	J	5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	121000	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	1850	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	101000	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	7.0	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	4.6	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	3.6	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	3.2	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Vanadium	1.8	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BBC\_AREA E RFI-33\_0314

Lab Sample ID: 480-56590-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	0.89	J	4.8	0.35	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	0.70	J	4.8	0.45	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	1.2	J	4.8	0.33	ug/L	1		8270D	Total/NA
Benzo(g,h,i)perylene	0.36	J	4.8	0.34	ug/L	1		8270D	Total/NA
Chrysene	0.95	J	4.8	0.32	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-33\_0314 (Continued)**

**Lab Sample ID: 480-56590-6**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	1.9	J	4.8	0.39	ug/L	1		8270D	Total/NA
Phenanthrene	1.1	J	4.8	0.42	ug/L	1		8270D	Total/NA
Pyrene	1.4	J	4.8	0.33	ug/L	1		8270D	Total/NA
Aluminum	179	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Barium	33.3	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	57300	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	4.9	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	2.8	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Chromium	85.6		5.0	1.0	ug/L	1		6010C	Total Recoverable
Copper	14.1	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	2760	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	760	J	5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	16000	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	221	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	142000	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	44.0	B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Lead	3.3	J	10.0	1.5	ug/L	1		6010C	Total Recoverable
Antimony	3.1	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Thallium	2.8	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	48.4		20.0	6.0	ug/L	1		6010C	Total Recoverable
Vanadium	2.2	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

**Client Sample ID: BBC\_AREA E RFI-51\_0314**

**Lab Sample ID: 480-56590-7**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	66.0	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	3140		10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	25.4	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	384000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	0.55	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	1.1	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	3.1	J	25.0	0.85	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-56590-1

### Client Sample ID: BBC\_AREA E RFI-51\_0314 (Continued)

Lab Sample ID: 480-56590-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	85300	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	13400		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	45400	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	799	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	53600	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Antimony	4.9	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	7.2	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	2.2	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	9.6	J	20.0	6.0	ug/L	1		6010C	Total Recoverable
Vanadium	2.2	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

### Client Sample ID: BBC\_AREA E RFI-PZ-16\_0314

Lab Sample ID: 480-56590-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	95.5	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	3.4	J	10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	26.4	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	103000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cobalt	0.90	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	10.8	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	2020	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	2320	J	5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	20700	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	151	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	8210	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	3.0	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	2.6	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Thallium	1.5	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	87.3		20.0	6.0	ug/L	1		6010C	Total Recoverable

### Client Sample ID: BCC\_AREA E MW-E03\_0314

Lab Sample ID: 480-56590-9

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

## Client Sample ID: BCC\_AREA E MW-E03\_0314 (Continued)

## Lab Sample ID: 480-56590-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	47.3	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Barium	67.8	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	169000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cobalt	0.61	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	2.7	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	2180	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	5750		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	17400	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	115	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	27300	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	2.4	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	4.4	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	4.3	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	2.1	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BCC\_AREA E MW-E04\_0314

## Lab Sample ID: 480-56590-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.94	J	1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	1.9		1.0	0.79	ug/L	1		8260C	Total/NA
Chlorobenzene	1.2		1.0	0.75	ug/L	1		8260C	Total/NA
Toluene	0.90	J	1.0	0.51	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	1800		96	8.6	ug/L	20		8270D	Total/NA
2,6-Dinitrotoluene	2300		96	7.7	ug/L	20		8270D	Total/NA
Aluminum	498	B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	17.9		10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	35.7	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	154000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	0.36	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	1.0	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Chromium	2.7	J	5.0	1.0	ug/L	1		6010C	Total Recoverable
Copper	33.4		25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	1360	B	100	5.3	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



# Detection Summary

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

TestAmerica Job ID: 480-56590-1

## Client Sample ID: BCC\_AREA E MW-E04\_0314 (Continued)

## Lab Sample ID: 480-56590-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	5240		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	31800	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	46.3	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	14400	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	10.5	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	89.3		10.0	2.5	ug/L	1		6010C	Total Recoverable
Thallium	2.4	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	196		20.0	6.0	ug/L	1		6010C	Total Recoverable
Vanadium	1.6	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BCC\_AREA E MW-E05\_0314

## Lab Sample ID: 480-56590-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.1		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	221	B	200	41.7	ug/L	1		6010C	Total Recoverable
Barium	24.0	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	104000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	8.3		5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	8.5	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	76.8		25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	413	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	4230	J	5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	10700	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	138	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	58100	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	17.8	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Lead	18.3		10.0	1.5	ug/L	1		6010C	Total Recoverable
Antimony	4.5	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	25.1		10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	1.9	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	3210		20.0	6.0	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E06\_0314**

**Lab Sample ID: 480-56590-12**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	116	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	53.2		10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	18.9	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	358000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	1.5	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	27.2	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	6.3	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	140000	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	4300	J	5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	20600	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	1630	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	47500	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	26.0	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	5.4	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	3.1	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	1.9	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	1740		20.0	6.0	ug/L	1		6010C	Total Recoverable
Vanadium	4.2	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

**Client Sample ID: BCC\_AREA E MW-E07\_0314**

**Lab Sample ID: 480-56590-13**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	14		4.8	0.40	ug/L	1		8270D	Total/NA
Anthracene	1.4	J	4.8	0.27	ug/L	1		8270D	Total/NA
Biphenyl	0.90	J	4.8	0.63	ug/L	1		8270D	Total/NA
Carbazole	1.2	J	4.8	0.29	ug/L	1		8270D	Total/NA
Dibenzofuran	4.6	J	9.7	0.49	ug/L	1		8270D	Total/NA
Fluoranthene	2.2	J	4.8	0.39	ug/L	1		8270D	Total/NA
Fluorene	8.7		4.8	0.35	ug/L	1		8270D	Total/NA
Phenanthrene	3.2	J	4.8	0.43	ug/L	1		8270D	Total/NA
Pyrene	1.5	J	4.8	0.33	ug/L	1		8270D	Total/NA
Aluminum	85.0	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	75.2		10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	10.9	J B	200	0.19	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E07\_0314 (Continued)**

**Lab Sample ID: 480-56590-13**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	150000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	0.56	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	4.9	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	5.5	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	81800	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	8960		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	14700	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	245	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	20400	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	2.3	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Lead	3.2	J	10.0	1.5	ug/L	1		6010C	Total Recoverable
Antimony	2.6	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	2.4	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	1.7	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	61.9		20.0	6.0	ug/L	1		6010C	Total Recoverable
Vanadium	3.9	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

**Client Sample ID: BCC\_AREA E RFI-17D\_0314**

**Lab Sample ID: 480-56590-14**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	29.5	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	188000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	0.22	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Chromium	1.2	J	5.0	1.0	ug/L	1		6010C	Total Recoverable
Copper	2.8	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	13.8	J B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	1350	J	5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	25700	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	0.54	J B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	13200	B	5000	21.0	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

## Client Sample ID: BCC\_AREA E RFI-17D\_0314 (Continued)

## Lab Sample ID: 480-56590-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	2.9	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	3.8	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	4.1	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	1.6	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	7.9	J	20.0	6.0	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BCC\_AREA R10F\_0314

## Lab Sample ID: 480-56590-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	80.5	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	32800	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cobalt	0.66	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	1.7	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	507	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	5280		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	56600	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	27.4	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	209000	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	1.6	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Thallium	2.5	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BCC\_AREA E\_MWE06F\_0314

## Lab Sample ID: 480-56590-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	69.8	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	17.5		10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	17.9	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	359000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	1.4	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	26.9	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	4.1	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	124000	B	100	5.3	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

## Client Sample ID: BCC\_AREA E\_MWE06F\_0314 (Continued)

## Lab Sample ID: 480-56590-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	4330	J	5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	20700	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	1660	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	47900	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	24.9	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	4.4	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	3.3	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	1.8	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	1730		20.0	6.0	ug/L	1		6010C	Total Recoverable
Vanadium	3.4	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BCC\_AREA E\_MW-E07F\_0314

## Lab Sample ID: 480-56590-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	50.4	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	28.7		10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	11.0	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	155000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	0.41	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	5.5	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	2.6	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	62800	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	9170		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	15100	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	256	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	21000	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	3.1	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	4.7	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	2.0	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	2.2	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-56590-1

## Client Sample ID: BCC\_AREA E\_MW-E07F\_0314 (Continued)

## Lab Sample ID: 480-56590-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	61.2		20.0	6.0	ug/L	1		6010C	Total Recoverable
Vanadium	1.9	J	50.0	1.1	ug/L	1		6010C	Total Recoverable

## Client Sample ID: BCC\_ARERA E\_RFI-51F\_0314

## Lab Sample ID: 480-56590-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	54.9	J B	200	41.7	ug/L	1		6010C	Total Recoverable
Arsenic	581		10.0	3.0	ug/L	1		6010C	Total Recoverable
Barium	12.6	J B	200	0.19	ug/L	1		6010C	Total Recoverable
Calcium	369000	B	5000	14.1	ug/L	1		6010C	Total Recoverable
Cadmium	0.20	J	5.0	0.17	ug/L	1		6010C	Total Recoverable
Cobalt	1.1	J	50.0	0.39	ug/L	1		6010C	Total Recoverable
Copper	2.1	J	25.0	0.85	ug/L	1		6010C	Total Recoverable
Iron	23900	B	100	5.3	ug/L	1		6010C	Total Recoverable
Potassium	13400		5000	40.5	ug/L	1		6010C	Total Recoverable
Magnesium	44900	B	5000	10.9	ug/L	1		6010C	Total Recoverable
Manganese	760	B	15.0	0.094	ug/L	1		6010C	Total Recoverable
Sodium	54200	B	5000	21.0	ug/L	1		6010C	Total Recoverable
Nickel	1.3	J B	40.0	0.49	ug/L	1		6010C	Total Recoverable
Antimony	5.2	J	10.0	2.5	ug/L	1		6010C	Total Recoverable
Selenium	2.2	J	10.0	1.7	ug/L	1		6010C	Total Recoverable
Thallium	2.6	J B	20.0	1.5	ug/L	1		6010C	Total Recoverable
Zinc	10.6	J	20.0	6.0	ug/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-10\_0314**

**Lab Sample ID: 480-56590-1**

**Date Collected: 03/24/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 14:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 14:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 14:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 14:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 14:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 14:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 14:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 14:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 14:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 14:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 14:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 14:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 14:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 14:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 14:12	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 14:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 14:12	1
Acetone	ND		10	3.0	ug/L			03/28/14 14:12	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 14:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 14:12	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 14:12	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 14:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 14:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 14:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 14:12	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 14:12	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 14:12	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 14:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 14:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 14:12	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 14:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 14:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 14:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 14:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 14:12	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 14:12	1
<b>Methyl tert-butyl ether</b>	<b>0.37</b>	<b>J</b>	1.0	0.16	ug/L			03/28/14 14:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 14:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 14:12	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 14:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 14:12	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 14:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 14:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 14:12	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 14:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 14:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 14:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 14:12	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-10\_0314**

**Lab Sample ID: 480-56590-1**

**Date Collected: 03/24/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/14 14:12	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/28/14 14:12	1
Toluene-d8 (Surr)	103		71 - 126		03/28/14 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		03/27/14 06:14	03/29/14 02:30	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		03/27/14 06:14	03/29/14 02:30	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 02:30	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		03/27/14 06:14	03/29/14 02:30	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		03/27/14 06:14	03/29/14 02:30	1
2,4-Dinitrotoluene	ND		4.9	0.43	ug/L		03/27/14 06:14	03/29/14 02:30	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:30	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		03/27/14 06:14	03/29/14 02:30	1
2-Chlorophenol	ND		4.9	0.51	ug/L		03/27/14 06:14	03/29/14 02:30	1
2-Methylnaphthalene	ND		4.9	0.58	ug/L		03/27/14 06:14	03/29/14 02:30	1
2-Methylphenol	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:30	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/29/14 02:30	1
2-Nitrophenol	ND		4.9	0.47	ug/L		03/27/14 06:14	03/29/14 02:30	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:30	1
3-Nitroaniline	ND	*	9.7	0.47	ug/L		03/27/14 06:14	03/29/14 02:30	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 02:30	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		03/27/14 06:14	03/29/14 02:30	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		03/27/14 06:14	03/29/14 02:30	1
4-Chloroaniline	ND		4.9	0.57	ug/L		03/27/14 06:14	03/29/14 02:30	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 02:30	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/29/14 02:30	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/29/14 02:30	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/29/14 02:30	1
Acenaphthene	ND		4.9	0.40	ug/L		03/27/14 06:14	03/29/14 02:30	1
Acenaphthylene	ND		4.9	0.37	ug/L		03/27/14 06:14	03/29/14 02:30	1
Acetophenone	ND		4.9	0.52	ug/L		03/27/14 06:14	03/29/14 02:30	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/29/14 02:30	1
Anthracene	ND		4.9	0.27	ug/L		03/27/14 06:14	03/29/14 02:30	1
Atrazine	ND		4.9	0.45	ug/L		03/27/14 06:14	03/29/14 02:30	1
Benzaldehyde	ND		4.9	0.26	ug/L		03/27/14 06:14	03/29/14 02:30	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 02:30	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 02:30	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/29/14 02:30	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 02:30	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		03/27/14 06:14	03/29/14 02:30	1
Biphenyl	ND		4.9	0.63	ug/L		03/27/14 06:14	03/29/14 02:30	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		03/27/14 06:14	03/29/14 02:30	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 02:30	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:30	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.7	ug/L		03/27/14 06:14	03/29/14 02:30	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		03/27/14 06:14	03/29/14 02:30	1
Caprolactam	ND		4.9	2.1	ug/L		03/27/14 06:14	03/29/14 02:30	1
Carbazole	ND		4.9	0.29	ug/L		03/27/14 06:14	03/29/14 02:30	1
Chrysene	ND		4.9	0.32	ug/L		03/27/14 06:14	03/29/14 02:30	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-10\_0314**

**Lab Sample ID: 480-56590-1**

**Date Collected: 03/24/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		03/27/14 06:14	03/29/14 02:30	1
Dibenzofuran	ND		9.7	0.50	ug/L		03/27/14 06:14	03/29/14 02:30	1
Diethyl phthalate	ND		4.9	0.21	ug/L		03/27/14 06:14	03/29/14 02:30	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 02:30	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		03/27/14 06:14	03/29/14 02:30	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 02:30	1
Fluoranthene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:30	1
Fluorene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 02:30	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 02:30	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		03/27/14 06:14	03/29/14 02:30	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		03/27/14 06:14	03/29/14 02:30	1
Hexachloroethane	ND		4.9	0.57	ug/L		03/27/14 06:14	03/29/14 02:30	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 02:30	1
Isophorone	ND		4.9	0.42	ug/L		03/27/14 06:14	03/29/14 02:30	1
Naphthalene	ND		4.9	0.74	ug/L		03/27/14 06:14	03/29/14 02:30	1
Nitrobenzene	ND		4.9	0.28	ug/L		03/27/14 06:14	03/29/14 02:30	1
N-Nitrosodi-n-propylamine	ND		4.9	0.52	ug/L		03/27/14 06:14	03/29/14 02:30	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 02:30	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 02:30	1
Phenanthrene	ND		4.9	0.43	ug/L		03/27/14 06:14	03/29/14 02:30	1
Phenol	ND		4.9	0.38	ug/L		03/27/14 06:14	03/29/14 02:30	1
Pyrene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/29/14 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 132	03/27/14 06:14	03/29/14 02:30	1
2-Fluorobiphenyl	82		48 - 120	03/27/14 06:14	03/29/14 02:30	1
2-Fluorophenol	40		20 - 120	03/27/14 06:14	03/29/14 02:30	1
Nitrobenzene-d5	70		46 - 120	03/27/14 06:14	03/29/14 02:30	1
Phenol-d5	28		16 - 120	03/27/14 06:14	03/29/14 02:30	1
p-Terphenyl-d14	72		67 - 150	03/27/14 06:14	03/29/14 02:30	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 05:49	1
Aluminum	ND		200	41.7	ug/L		04/02/14 09:25	04/10/14 05:49	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Barium</b>	<b>99.9</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 05:49	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Calcium</b>	<b>30800</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 05:49	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Cobalt</b>	<b>0.51</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 05:49	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Copper</b>	<b>2.0</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Iron</b>	<b>8360</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Potassium</b>	<b>5470</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Magnesium</b>	<b>58500</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Manganese</b>	<b>24.6</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Sodium</b>	<b>210000</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 05:49	1
<b>Nickel</b>	<b>1.6</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 05:49	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 05:49	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-10\_0314**

**Lab Sample ID: 480-56590-1**

Date Collected: 03/24/14 14:15

Matrix: Ground Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.8	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 05:49	1
Selenium	2.0	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 16:30	1
Thallium	2.6	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 05:49	1
Zinc	ND		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 05:49	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 11:45	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-11\_0314**

**Lab Sample ID: 480-56590-2**

**Date Collected: 03/24/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 14:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 14:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 14:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 14:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 14:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 14:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 14:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 14:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 14:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 14:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 14:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 14:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 14:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 14:34	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 14:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 14:34	1
<b>Acetone</b>	<b>4.8</b>	<b>J</b>	10	3.0	ug/L			03/28/14 14:34	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 14:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 14:34	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 14:34	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 14:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 14:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 14:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 14:34	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 14:34	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 14:34	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 14:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 14:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 14:34	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 14:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 14:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 14:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 14:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 14:34	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 14:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 14:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 14:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 14:34	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 14:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 14:34	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 14:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 14:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 14:34	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 14:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 14:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 14:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 14:34	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-11\_0314**

**Lab Sample ID: 480-56590-2**

**Date Collected: 03/24/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		03/28/14 14:34	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/28/14 14:34	1
Toluene-d8 (Surr)	104		71 - 126		03/28/14 14:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		03/27/14 06:14	03/29/14 02:55	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		03/27/14 06:14	03/29/14 02:55	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 02:55	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		03/27/14 06:14	03/29/14 02:55	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		03/27/14 06:14	03/29/14 02:55	1
2,4-Dinitrotoluene	ND		4.9	0.43	ug/L		03/27/14 06:14	03/29/14 02:55	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:55	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		03/27/14 06:14	03/29/14 02:55	1
2-Chlorophenol	ND		4.9	0.51	ug/L		03/27/14 06:14	03/29/14 02:55	1
2-Methylnaphthalene	ND		4.9	0.58	ug/L		03/27/14 06:14	03/29/14 02:55	1
2-Methylphenol	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:55	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/29/14 02:55	1
2-Nitrophenol	ND		4.9	0.47	ug/L		03/27/14 06:14	03/29/14 02:55	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:55	1
3-Nitroaniline	ND	*	9.7	0.47	ug/L		03/27/14 06:14	03/29/14 02:55	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 02:55	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		03/27/14 06:14	03/29/14 02:55	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		03/27/14 06:14	03/29/14 02:55	1
4-Chloroaniline	ND		4.9	0.57	ug/L		03/27/14 06:14	03/29/14 02:55	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 02:55	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/29/14 02:55	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/29/14 02:55	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/29/14 02:55	1
Acenaphthene	ND		4.9	0.40	ug/L		03/27/14 06:14	03/29/14 02:55	1
Acenaphthylene	ND		4.9	0.37	ug/L		03/27/14 06:14	03/29/14 02:55	1
Acetophenone	ND		4.9	0.52	ug/L		03/27/14 06:14	03/29/14 02:55	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/29/14 02:55	1
Anthracene	ND		4.9	0.27	ug/L		03/27/14 06:14	03/29/14 02:55	1
Atrazine	ND		4.9	0.45	ug/L		03/27/14 06:14	03/29/14 02:55	1
Benzaldehyde	ND		4.9	0.26	ug/L		03/27/14 06:14	03/29/14 02:55	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 02:55	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 02:55	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/29/14 02:55	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 02:55	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		03/27/14 06:14	03/29/14 02:55	1
Biphenyl	ND		4.9	0.63	ug/L		03/27/14 06:14	03/29/14 02:55	1
bis (2-chloroisopropyl) ether	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 02:55	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 02:55	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:55	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.7	ug/L		03/27/14 06:14	03/29/14 02:55	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		03/27/14 06:14	03/29/14 02:55	1
Caprolactam	ND		4.9	2.1	ug/L		03/27/14 06:14	03/29/14 02:55	1
Carbazole	ND		4.9	0.29	ug/L		03/27/14 06:14	03/29/14 02:55	1
Chrysene	ND		4.9	0.32	ug/L		03/27/14 06:14	03/29/14 02:55	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-11\_0314**

**Lab Sample ID: 480-56590-2**

**Date Collected: 03/24/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		03/27/14 06:14	03/29/14 02:55	1
Dibenzofuran	ND		9.7	0.50	ug/L		03/27/14 06:14	03/29/14 02:55	1
<b>Diethyl phthalate</b>	<b>1.9</b>	<b>J</b>	4.9	0.21	ug/L		03/27/14 06:14	03/29/14 02:55	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 02:55	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		03/27/14 06:14	03/29/14 02:55	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 02:55	1
Fluoranthene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 02:55	1
Fluorene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 02:55	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 02:55	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		03/27/14 06:14	03/29/14 02:55	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		03/27/14 06:14	03/29/14 02:55	1
Hexachloroethane	ND		4.9	0.57	ug/L		03/27/14 06:14	03/29/14 02:55	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 02:55	1
Isophorone	ND		4.9	0.42	ug/L		03/27/14 06:14	03/29/14 02:55	1
Naphthalene	ND		4.9	0.74	ug/L		03/27/14 06:14	03/29/14 02:55	1
Nitrobenzene	ND		4.9	0.28	ug/L		03/27/14 06:14	03/29/14 02:55	1
N-Nitrosodi-n-propylamine	ND		4.9	0.52	ug/L		03/27/14 06:14	03/29/14 02:55	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 02:55	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 02:55	1
Phenanthrene	ND		4.9	0.43	ug/L		03/27/14 06:14	03/29/14 02:55	1
Phenol	ND		4.9	0.38	ug/L		03/27/14 06:14	03/29/14 02:55	1
Pyrene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/29/14 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 132	03/27/14 06:14	03/29/14 02:55	1
2-Fluorobiphenyl	90		48 - 120	03/27/14 06:14	03/29/14 02:55	1
2-Fluorophenol	47		20 - 120	03/27/14 06:14	03/29/14 02:55	1
Nitrobenzene-d5	81		46 - 120	03/27/14 06:14	03/29/14 02:55	1
Phenol-d5	33		16 - 120	03/27/14 06:14	03/29/14 02:55	1
p-Terphenyl-d14	64	X	67 - 150	03/27/14 06:14	03/29/14 02:55	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 05:55	1
Aluminum	ND		200	41.7	ug/L		04/02/14 09:25	04/10/14 05:55	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Barium</b>	<b>112</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 05:55	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Calcium</b>	<b>62100</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 05:55	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 05:55	1
Cobalt	ND		50.0	0.39	ug/L		04/02/14 09:25	04/10/14 05:55	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Copper</b>	<b>1.4</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Iron</b>	<b>3590</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Potassium</b>	<b>8450</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Magnesium</b>	<b>39600</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Manganese</b>	<b>7.9</b>	<b>J B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Sodium</b>	<b>43800</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Nickel</b>	<b>1.4</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 05:55	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 05:55	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-11\_0314**

**Lab Sample ID: 480-56590-2**

Date Collected: 03/24/14 15:10

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.0	2.5	ug/L		04/02/14 09:25	04/10/14 05:55	1
Selenium	ND		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 16:35	1
<b>Thallium</b>	<b>1.6</b>	<b>J B</b>	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 05:55	1
<b>Zinc</b>	<b>1090</b>		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 05:55	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 11:47	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-17\_0314**

**Lab Sample ID: 480-56590-3**

**Date Collected: 03/24/14 11:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 14:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 14:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 14:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 14:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 14:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 14:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 14:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 14:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 14:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 14:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 14:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 14:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 14:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 14:55	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 14:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 14:55	1
Acetone	ND		10	3.0	ug/L			03/28/14 14:55	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 14:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 14:55	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 14:55	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 14:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 14:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 14:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 14:55	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 14:55	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 14:55	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 14:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 14:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 14:55	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 14:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 14:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 14:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 14:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 14:55	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 14:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 14:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 14:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 14:55	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 14:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 14:55	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 14:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 14:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 14:55	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 14:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 14:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 14:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 14:55	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-17\_0314**

**Lab Sample ID: 480-56590-3**

**Date Collected: 03/24/14 11:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/28/14 14:55	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/28/14 14:55	1
Toluene-d8 (Surr)	102		71 - 126		03/28/14 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.47	ug/L		03/27/14 06:14	03/29/14 04:07	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/29/14 04:07	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 04:07	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/29/14 04:07	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		03/27/14 06:14	03/29/14 04:07	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/29/14 04:07	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:07	1
2-Chloronaphthalene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/29/14 04:07	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/29/14 04:07	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/29/14 04:07	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:07	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/29/14 04:07	1
2-Nitrophenol	ND		4.8	0.47	ug/L		03/27/14 06:14	03/29/14 04:07	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:07	1
3-Nitroaniline	ND	*	9.7	0.47	ug/L		03/27/14 06:14	03/29/14 04:07	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 04:07	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		03/27/14 06:14	03/29/14 04:07	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		03/27/14 06:14	03/29/14 04:07	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 04:07	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 04:07	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/29/14 04:07	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/29/14 04:07	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/29/14 04:07	1
Acenaphthene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/29/14 04:07	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/29/14 04:07	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/29/14 04:07	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/29/14 04:07	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/29/14 04:07	1
Atrazine	ND		4.8	0.45	ug/L		03/27/14 06:14	03/29/14 04:07	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/29/14 04:07	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 04:07	1
Benzo(a)pyrene	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 04:07	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/29/14 04:07	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 04:07	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		03/27/14 06:14	03/29/14 04:07	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/29/14 04:07	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/29/14 04:07	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 04:07	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:07	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/29/14 04:07	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		03/27/14 06:14	03/29/14 04:07	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/29/14 04:07	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/29/14 04:07	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/29/14 04:07	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-17\_0314**

**Lab Sample ID: 480-56590-3**

Date Collected: 03/24/14 11:15

Matrix: Water

Date Received: 03/25/14 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		03/27/14 06:14	03/29/14 04:07	1
Dibenzofuran	ND		9.7	0.49	ug/L		03/27/14 06:14	03/29/14 04:07	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/29/14 04:07	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 04:07	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/29/14 04:07	1
Di-n-octyl phthalate	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 04:07	1
Fluoranthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:07	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 04:07	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 04:07	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/27/14 06:14	03/29/14 04:07	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 04:07	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 04:07	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 04:07	1
Isophorone	ND		4.8	0.42	ug/L		03/27/14 06:14	03/29/14 04:07	1
<b>Naphthalene</b>	<b>0.75</b>	<b>J</b>	4.8	0.74	ug/L		03/27/14 06:14	03/29/14 04:07	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/29/14 04:07	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/29/14 04:07	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 04:07	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 04:07	1
Phenanthrene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/29/14 04:07	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/29/14 04:07	1
Pyrene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/29/14 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 132	03/27/14 06:14	03/29/14 04:07	1
2-Fluorobiphenyl	81		48 - 120	03/27/14 06:14	03/29/14 04:07	1
2-Fluorophenol	41		20 - 120	03/27/14 06:14	03/29/14 04:07	1
Nitrobenzene-d5	73		46 - 120	03/27/14 06:14	03/29/14 04:07	1
Phenol-d5	29		16 - 120	03/27/14 06:14	03/29/14 04:07	1
p-Terphenyl-d14	78		67 - 150	03/27/14 06:14	03/29/14 04:07	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:00	1
Aluminum	ND		200	41.7	ug/L		04/02/14 09:25	04/10/14 06:00	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Barium</b>	<b>29.1</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 06:00	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Calcium</b>	<b>191000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Cadmium</b>	<b>0.20</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 06:00	1
Cobalt	ND		50.0	0.39	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Chromium</b>	<b>1.4</b>	<b>J</b>	5.0	1.0	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Copper</b>	<b>2.5</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Iron</b>	<b>15.5</b>	<b>J B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Potassium</b>	<b>1360</b>	<b>J</b>	5000	40.5	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Magnesium</b>	<b>26200</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Manganese</b>	<b>0.65</b>	<b>J B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Sodium</b>	<b>13300</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 06:00	1
<b>Nickel</b>	<b>2.9</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 06:00	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:00	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-17\_0314**

**Lab Sample ID: 480-56590-3**

Date Collected: 03/24/14 11:15

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.3	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 06:00	1
Selenium	3.9	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 16:40	1
Thallium	2.8	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:00	1
Zinc	ND		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 06:00	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 11:49	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-29\_0314**

**Lab Sample ID: 480-56590-4**

**Date Collected: 03/25/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 15:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 15:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 15:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 15:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 15:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 15:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 15:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 15:17	1
<b>1,2-Dichlorobenzene</b>	<b>1.8</b>		1.0	0.79	ug/L			03/28/14 15:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 15:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 15:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 15:17	1
<b>1,4-Dichlorobenzene</b>	<b>3.8</b>		1.0	0.84	ug/L			03/28/14 15:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 15:17	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 15:17	1
Acetone	ND		10	3.0	ug/L			03/28/14 15:17	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 15:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 15:17	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 15:17	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 15:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 15:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 15:17	1
<b>Chlorobenzene</b>	<b>9.3</b>		1.0	0.75	ug/L			03/28/14 15:17	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 15:17	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 15:17	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 15:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 15:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 15:17	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 15:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 15:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 15:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 15:17	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 15:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 15:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 15:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 15:17	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 15:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 15:17	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 15:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 15:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 15:17	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 15:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 15:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 15:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 15:17	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-29\_0314**

**Lab Sample ID: 480-56590-4**

**Date Collected: 03/25/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/28/14 15:17	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/28/14 15:17	1
Toluene-d8 (Surr)	101		71 - 126		03/28/14 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		03/27/14 06:14	03/29/14 04:31	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		03/27/14 06:14	03/29/14 04:31	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 04:31	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		03/27/14 06:14	03/29/14 04:31	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		03/27/14 06:14	03/29/14 04:31	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		03/27/14 06:14	03/29/14 04:31	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 04:31	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		03/27/14 06:14	03/29/14 04:31	1
2-Chlorophenol	ND		4.9	0.52	ug/L		03/27/14 06:14	03/29/14 04:31	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		03/27/14 06:14	03/29/14 04:31	1
2-Methylphenol	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 04:31	1
2-Nitroaniline	ND		9.8	0.41	ug/L		03/27/14 06:14	03/29/14 04:31	1
2-Nitrophenol	ND		4.9	0.47	ug/L		03/27/14 06:14	03/29/14 04:31	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 04:31	1
3-Nitroaniline	ND	*	9.8	0.47	ug/L		03/27/14 06:14	03/29/14 04:31	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.1	ug/L		03/27/14 06:14	03/29/14 04:31	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		03/27/14 06:14	03/29/14 04:31	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		03/27/14 06:14	03/29/14 04:31	1
4-Chloroaniline	ND		4.9	0.58	ug/L		03/27/14 06:14	03/29/14 04:31	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 04:31	1
4-Methylphenol	ND		9.8	0.35	ug/L		03/27/14 06:14	03/29/14 04:31	1
4-Nitroaniline	ND		9.8	0.24	ug/L		03/27/14 06:14	03/29/14 04:31	1
4-Nitrophenol	ND		9.8	1.5	ug/L		03/27/14 06:14	03/29/14 04:31	1
Acenaphthene	ND		4.9	0.40	ug/L		03/27/14 06:14	03/29/14 04:31	1
Acenaphthylene	ND		4.9	0.37	ug/L		03/27/14 06:14	03/29/14 04:31	1
Acetophenone	ND		4.9	0.53	ug/L		03/27/14 06:14	03/29/14 04:31	1
Aniline	ND		9.8	0.60	ug/L		03/27/14 06:14	03/29/14 04:31	1
Anthracene	ND		4.9	0.27	ug/L		03/27/14 06:14	03/29/14 04:31	1
Atrazine	ND		4.9	0.45	ug/L		03/27/14 06:14	03/29/14 04:31	1
Benzaldehyde	ND		4.9	0.26	ug/L		03/27/14 06:14	03/29/14 04:31	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 04:31	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 04:31	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/29/14 04:31	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 04:31	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		03/27/14 06:14	03/29/14 04:31	1
Biphenyl	ND		4.9	0.64	ug/L		03/27/14 06:14	03/29/14 04:31	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		03/27/14 06:14	03/29/14 04:31	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		03/27/14 06:14	03/29/14 04:31	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 04:31	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		03/27/14 06:14	03/29/14 04:31	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		03/27/14 06:14	03/29/14 04:31	1
Caprolactam	ND		4.9	2.1	ug/L		03/27/14 06:14	03/29/14 04:31	1
Carbazole	ND		4.9	0.29	ug/L		03/27/14 06:14	03/29/14 04:31	1
Chrysene	ND		4.9	0.32	ug/L		03/27/14 06:14	03/29/14 04:31	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-29\_0314**

**Lab Sample ID: 480-56590-4**

**Date Collected: 03/25/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		03/27/14 06:14	03/29/14 04:31	1
Dibenzofuran	ND		9.8	0.50	ug/L		03/27/14 06:14	03/29/14 04:31	1
Diethyl phthalate	ND		4.9	0.21	ug/L		03/27/14 06:14	03/29/14 04:31	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 04:31	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		03/27/14 06:14	03/29/14 04:31	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 04:31	1
Fluoranthene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/29/14 04:31	1
Fluorene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/29/14 04:31	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 04:31	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		03/27/14 06:14	03/29/14 04:31	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		03/27/14 06:14	03/29/14 04:31	1
Hexachloroethane	ND		4.9	0.58	ug/L		03/27/14 06:14	03/29/14 04:31	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/29/14 04:31	1
Isophorone	ND		4.9	0.42	ug/L		03/27/14 06:14	03/29/14 04:31	1
Naphthalene	ND		4.9	0.74	ug/L		03/27/14 06:14	03/29/14 04:31	1
Nitrobenzene	ND		4.9	0.28	ug/L		03/27/14 06:14	03/29/14 04:31	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		03/27/14 06:14	03/29/14 04:31	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		03/27/14 06:14	03/29/14 04:31	1
Pentachlorophenol	ND		9.8	2.1	ug/L		03/27/14 06:14	03/29/14 04:31	1
Phenanthrene	ND		4.9	0.43	ug/L		03/27/14 06:14	03/29/14 04:31	1
Phenol	ND		4.9	0.38	ug/L		03/27/14 06:14	03/29/14 04:31	1
Pyrene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/29/14 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 132	03/27/14 06:14	03/29/14 04:31	1
2-Fluorobiphenyl	81		48 - 120	03/27/14 06:14	03/29/14 04:31	1
2-Fluorophenol	42		20 - 120	03/27/14 06:14	03/29/14 04:31	1
Nitrobenzene-d5	73		46 - 120	03/27/14 06:14	03/29/14 04:31	1
Phenol-d5	31		16 - 120	03/27/14 06:14	03/29/14 04:31	1
p-Terphenyl-d14	75		67 - 150	03/27/14 06:14	03/29/14 04:31	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:22	1
Aluminum	ND		200	41.7	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Arsenic</b>	<b>4.9</b>	<b>J</b>	10.0	3.0	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Barium</b>	<b>134</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 06:22	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Calcium</b>	<b>69600</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 06:22	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Cobalt</b>	<b>0.40</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 06:22	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 06:22	1
Copper	ND		25.0	0.85	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Iron</b>	<b>130</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Potassium</b>	<b>2940</b>	<b>J</b>	5000	40.5	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Magnesium</b>	<b>11400</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Manganese</b>	<b>88.7</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Sodium</b>	<b>177000</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 06:22	1
<b>Nickel</b>	<b>1.9</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 06:22	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:22	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-29\_0314**

**Lab Sample ID: 480-56590-4**

Date Collected: 03/25/14 15:10

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.7	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 06:22	1
Selenium	ND		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:01	1
Thallium	2.6	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:22	1
Zinc	ND		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 06:22	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 06:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 11:55	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-32\_0314**

**Lab Sample ID: 480-56590-5**

**Date Collected: 03/25/14 13:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		250	210	ug/L			03/28/14 15:39	250
1,1,2,2-Tetrachloroethane	ND		250	53	ug/L			03/28/14 15:39	250
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	78	ug/L			03/28/14 15:39	250
1,1,2-Trichloroethane	ND		250	58	ug/L			03/28/14 15:39	250
1,1-Dichloroethane	ND		250	95	ug/L			03/28/14 15:39	250
1,1-Dichloroethene	ND		250	73	ug/L			03/28/14 15:39	250
1,2,4-Trichlorobenzene	ND		250	100	ug/L			03/28/14 15:39	250
1,2-Dibromo-3-Chloropropane	ND		250	98	ug/L			03/28/14 15:39	250
1,2-Dibromoethane	ND		250	180	ug/L			03/28/14 15:39	250
1,2-Dichlorobenzene	ND		250	200	ug/L			03/28/14 15:39	250
1,2-Dichloroethane	ND		250	53	ug/L			03/28/14 15:39	250
1,2-Dichloropropane	ND		250	180	ug/L			03/28/14 15:39	250
1,3-Dichlorobenzene	ND		250	200	ug/L			03/28/14 15:39	250
1,4-Dichlorobenzene	ND		250	210	ug/L			03/28/14 15:39	250
2-Butanone (MEK)	ND		2500	330	ug/L			03/28/14 15:39	250
2-Hexanone	ND		1300	310	ug/L			03/28/14 15:39	250
4-Methyl-2-pentanone (MIBK)	ND		1300	530	ug/L			03/28/14 15:39	250
Acetone	ND		2500	750	ug/L			03/28/14 15:39	250
<b>Benzene</b>	<b>500</b>		250	100	ug/L			03/28/14 15:39	250
Bromodichloromethane	ND		250	98	ug/L			03/28/14 15:39	250
Bromoform	ND		250	65	ug/L			03/28/14 15:39	250
Bromomethane	ND		250	170	ug/L			03/28/14 15:39	250
Carbon disulfide	ND		250	48	ug/L			03/28/14 15:39	250
Carbon tetrachloride	ND		250	68	ug/L			03/28/14 15:39	250
Chloroethane	ND		250	80	ug/L			03/28/14 15:39	250
Chloroform	ND		250	85	ug/L			03/28/14 15:39	250
Chloromethane	ND		250	88	ug/L			03/28/14 15:39	250
cis-1,2-Dichloroethene	ND		250	200	ug/L			03/28/14 15:39	250
cis-1,3-Dichloropropene	ND		250	90	ug/L			03/28/14 15:39	250
Cyclohexane	ND		250	45	ug/L			03/28/14 15:39	250
Dibromochloromethane	ND		250	80	ug/L			03/28/14 15:39	250
Dichlorodifluoromethane	ND		250	170	ug/L			03/28/14 15:39	250
Ethylbenzene	ND		250	190	ug/L			03/28/14 15:39	250
Isopropylbenzene	ND		250	200	ug/L			03/28/14 15:39	250
Methyl acetate	ND		630	130	ug/L			03/28/14 15:39	250
Methyl tert-butyl ether	ND		250	40	ug/L			03/28/14 15:39	250
Methylcyclohexane	ND		250	40	ug/L			03/28/14 15:39	250
Methylene Chloride	ND		250	110	ug/L			03/28/14 15:39	250
Styrene	ND		250	180	ug/L			03/28/14 15:39	250
Tetrachloroethene	ND		250	90	ug/L			03/28/14 15:39	250
Toluene	ND		250	130	ug/L			03/28/14 15:39	250
trans-1,2-Dichloroethene	ND		250	230	ug/L			03/28/14 15:39	250
trans-1,3-Dichloropropene	ND		250	93	ug/L			03/28/14 15:39	250
Trichloroethene	ND		250	120	ug/L			03/28/14 15:39	250
Trichlorofluoromethane	ND		250	220	ug/L			03/28/14 15:39	250
Vinyl chloride	ND		250	230	ug/L			03/28/14 15:39	250
Xylenes, Total	ND		500	170	ug/L			03/28/14 15:39	250

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-32\_0314**

**Lab Sample ID: 480-56590-5**

**Date Collected: 03/25/14 13:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		03/28/14 15:39	250
4-Bromofluorobenzene (Surr)	102		73 - 120		03/28/14 15:39	250
Toluene-d8 (Surr)	104		71 - 126		03/28/14 15:39	250

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	30000		500	380	ug/L			03/28/14 23:28	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		03/28/14 23:28	500
4-Bromofluorobenzene (Surr)	101		73 - 120		03/28/14 23:28	500
Toluene-d8 (Surr)	102		71 - 126		03/28/14 23:28	500

**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	0.47	ug/L		03/27/14 06:14	03/29/14 04:55	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/29/14 04:55	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 04:55	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/29/14 04:55	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		03/27/14 06:14	03/29/14 04:55	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/29/14 04:55	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:55	1
2-Chloronaphthalene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/29/14 04:55	1
<b>2-Chlorophenol</b>	<b>20</b>		4.8	0.51	ug/L		03/27/14 06:14	03/29/14 04:55	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/29/14 04:55	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:55	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/29/14 04:55	1
2-Nitrophenol	ND		4.8	0.47	ug/L		03/27/14 06:14	03/29/14 04:55	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:55	1
3-Nitroaniline	ND *		9.7	0.47	ug/L		03/27/14 06:14	03/29/14 04:55	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 04:55	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		03/27/14 06:14	03/29/14 04:55	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		03/27/14 06:14	03/29/14 04:55	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 04:55	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 04:55	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/29/14 04:55	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/29/14 04:55	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/29/14 04:55	1
Acenaphthene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/29/14 04:55	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/29/14 04:55	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/29/14 04:55	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/29/14 04:55	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/29/14 04:55	1
Atrazine	ND		4.8	0.45	ug/L		03/27/14 06:14	03/29/14 04:55	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/29/14 04:55	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 04:55	1
Benzo(a)pyrene	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 04:55	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/29/14 04:55	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 04:55	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		03/27/14 06:14	03/29/14 04:55	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/29/14 04:55	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-32\_0314**

**Lab Sample ID: 480-56590-5**

**Date Collected: 03/25/14 13:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/29/14 04:55	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 04:55	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:55	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/29/14 04:55	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		03/27/14 06:14	03/29/14 04:55	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/29/14 04:55	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/29/14 04:55	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/29/14 04:55	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		03/27/14 06:14	03/29/14 04:55	1
Dibenzofuran	ND		9.7	0.49	ug/L		03/27/14 06:14	03/29/14 04:55	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/29/14 04:55	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 04:55	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/29/14 04:55	1
Di-n-octyl phthalate	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 04:55	1
Fluoranthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 04:55	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 04:55	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 04:55	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/27/14 06:14	03/29/14 04:55	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 04:55	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 04:55	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 04:55	1
Isophorone	ND		4.8	0.42	ug/L		03/27/14 06:14	03/29/14 04:55	1
Naphthalene	ND		4.8	0.74	ug/L		03/27/14 06:14	03/29/14 04:55	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/29/14 04:55	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/29/14 04:55	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 04:55	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/29/14 04:55	1
Phenanthrene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/29/14 04:55	1
<b>Phenol</b>	<b>0.92</b>	<b>J</b>	4.8	0.38	ug/L		03/27/14 06:14	03/29/14 04:55	1
Pyrene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/29/14 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 132	03/27/14 06:14	03/29/14 04:55	1
2-Fluorobiphenyl	72		48 - 120	03/27/14 06:14	03/29/14 04:55	1
2-Fluorophenol	43		20 - 120	03/27/14 06:14	03/29/14 04:55	1
Nitrobenzene-d5	65		46 - 120	03/27/14 06:14	03/29/14 04:55	1
Phenol-d5	29		16 - 120	03/27/14 06:14	03/29/14 04:55	1
p-Terphenyl-d14	41	X	67 - 150	03/27/14 06:14	03/29/14 04:55	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:27	1
<b>Aluminum</b>	<b>86.0</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 06:27	1
<b>Arsenic</b>	<b>3.1</b>	<b>J</b>	10.0	3.0	ug/L		04/02/14 09:25	04/10/14 06:27	1
<b>Barium</b>	<b>37.5</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 06:27	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:27	1
<b>Calcium</b>	<b>305000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 06:27	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 06:27	1
<b>Cobalt</b>	<b>5.3</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 06:27	1
<b>Chromium</b>	<b>3.1</b>	<b>J</b>	5.0	1.0	ug/L		04/02/14 09:25	04/10/14 06:27	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-32\_0314**

**Lab Sample ID: 480-56590-5**

Date Collected: 03/25/14 13:15

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	1.9	J	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 06:27	1
Iron	3870	B	100	5.3	ug/L		04/02/14 09:25	04/10/14 06:27	1
Potassium	1390	J	5000	40.5	ug/L		04/02/14 09:25	04/10/14 06:27	1
Magnesium	121000	B	5000	10.9	ug/L		04/02/14 09:25	04/10/14 06:27	1
Manganese	1850	B	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 06:27	1
Sodium	101000	B	5000	21.0	ug/L		04/02/14 09:25	04/10/14 06:27	1
Nickel	7.0	J B	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 06:27	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:27	1
Antimony	4.6	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 06:27	1
Selenium	3.6	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:06	1
Thallium	3.2	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:27	1
Zinc	ND		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 06:27	1
Vanadium	1.8	J	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 06:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 11:57	1

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-33\_0314**

**Lab Sample ID: 480-56590-6**

**Date Collected: 03/24/14 13:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 16:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 16:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 16:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 16:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 16:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 16:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 16:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 16:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 16:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 16:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 16:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 16:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 16:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 16:01	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 16:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 16:01	1
Acetone	ND		10	3.0	ug/L			03/28/14 16:01	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 16:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 16:01	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 16:01	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 16:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 16:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 16:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 16:01	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 16:01	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 16:01	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 16:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 16:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 16:01	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 16:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 16:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 16:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 16:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 16:01	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 16:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 16:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 16:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 16:01	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 16:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 16:01	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 16:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 16:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 16:01	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 16:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 16:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 16:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 16:01	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-33\_0314**

**Lab Sample ID: 480-56590-6**

**Date Collected: 03/24/14 13:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/14 16:01	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/28/14 16:01	1
Toluene-d8 (Surr)	105		71 - 126		03/28/14 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 05:19	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/29/14 05:19	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 05:19	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/29/14 05:19	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/29/14 05:19	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/29/14 05:19	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 05:19	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/27/14 06:14	03/29/14 05:19	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/29/14 05:19	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/29/14 05:19	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 05:19	1
2-Nitroaniline	ND		9.6	0.40	ug/L		03/27/14 06:14	03/29/14 05:19	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/29/14 05:19	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 05:19	1
3-Nitroaniline	ND	*	9.6	0.46	ug/L		03/27/14 06:14	03/29/14 05:19	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/29/14 05:19	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/27/14 06:14	03/29/14 05:19	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/27/14 06:14	03/29/14 05:19	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 05:19	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 05:19	1
4-Methylphenol	ND		9.6	0.35	ug/L		03/27/14 06:14	03/29/14 05:19	1
4-Nitroaniline	ND		9.6	0.24	ug/L		03/27/14 06:14	03/29/14 05:19	1
4-Nitrophenol	ND		9.6	1.5	ug/L		03/27/14 06:14	03/29/14 05:19	1
Acenaphthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 05:19	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/29/14 05:19	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/29/14 05:19	1
Aniline	ND		9.6	0.59	ug/L		03/27/14 06:14	03/29/14 05:19	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/29/14 05:19	1
Atrazine	ND		4.8	0.44	ug/L		03/27/14 06:14	03/29/14 05:19	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Benzo(a)anthracene</b>	<b>0.89</b>	<b>J</b>	4.8	0.35	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Benzo(a)pyrene</b>	<b>0.70</b>	<b>J</b>	4.8	0.45	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Benzo(b)fluoranthene</b>	<b>1.2</b>	<b>J</b>	4.8	0.33	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Benzo(g,h,i)perylene</b>	<b>0.36</b>	<b>J</b>	4.8	0.34	ug/L		03/27/14 06:14	03/29/14 05:19	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		03/27/14 06:14	03/29/14 05:19	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/29/14 05:19	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/29/14 05:19	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/29/14 05:19	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/29/14 05:19	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/29/14 05:19	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		03/27/14 06:14	03/29/14 05:19	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/29/14 05:19	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Chrysene</b>	<b>0.95</b>	<b>J</b>	4.8	0.32	ug/L		03/27/14 06:14	03/29/14 05:19	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-33\_0314**

**Lab Sample ID: 480-56590-6**

**Date Collected: 03/24/14 13:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/29/14 05:19	1
Dibenzofuran	ND		9.6	0.49	ug/L		03/27/14 06:14	03/29/14 05:19	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/29/14 05:19	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 05:19	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/29/14 05:19	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Fluoranthene</b>	<b>1.9</b>	<b>J</b>	4.8	0.39	ug/L		03/27/14 06:14	03/29/14 05:19	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/29/14 05:19	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 05:19	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		03/27/14 06:14	03/29/14 05:19	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 05:19	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/29/14 05:19	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/29/14 05:19	1
Isophorone	ND		4.8	0.41	ug/L		03/27/14 06:14	03/29/14 05:19	1
Naphthalene	ND		4.8	0.73	ug/L		03/27/14 06:14	03/29/14 05:19	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/29/14 05:19	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/29/14 05:19	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/29/14 05:19	1
Pentachlorophenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Phenanthrene</b>	<b>1.1</b>	<b>J</b>	4.8	0.42	ug/L		03/27/14 06:14	03/29/14 05:19	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/29/14 05:19	1
<b>Pyrene</b>	<b>1.4</b>	<b>J</b>	4.8	0.33	ug/L		03/27/14 06:14	03/29/14 05:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 132	03/27/14 06:14	03/29/14 05:19	1
2-Fluorobiphenyl	80		48 - 120	03/27/14 06:14	03/29/14 05:19	1
2-Fluorophenol	44		20 - 120	03/27/14 06:14	03/29/14 05:19	1
Nitrobenzene-d5	72		46 - 120	03/27/14 06:14	03/29/14 05:19	1
Phenol-d5	31		16 - 120	03/27/14 06:14	03/29/14 05:19	1
p-Terphenyl-d14	67		67 - 150	03/27/14 06:14	03/29/14 05:19	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Aluminum</b>	<b>179</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 06:43	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Barium</b>	<b>33.3</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 06:43	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Calcium</b>	<b>57300</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Cadmium</b>	<b>4.9</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Cobalt</b>	<b>2.8</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Chromium</b>	<b>85.6</b>		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Copper</b>	<b>14.1</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Iron</b>	<b>2760</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Potassium</b>	<b>760</b>	<b>J</b>	5000	40.5	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Magnesium</b>	<b>16000</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Manganese</b>	<b>221</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Sodium</b>	<b>142000</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Nickel</b>	<b>44.0</b>	<b>B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 06:43	1
<b>Lead</b>	<b>3.3</b>	<b>J</b>	10.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:43	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-33\_0314**

**Lab Sample ID: 480-56590-6**

Date Collected: 03/24/14 13:00

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.1	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 06:43	1
Selenium	ND		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:21	1
Thallium	2.8	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:43	1
Zinc	48.4		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 06:43	1
Vanadium	2.2	J	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 06:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 11:58	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-51\_0314**

**Lab Sample ID: 480-56590-7**

**Date Collected: 03/24/14 10:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 16:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 16:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 16:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 16:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 16:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 16:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 16:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 16:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 16:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 16:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 16:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 16:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 16:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 16:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 16:23	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 16:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 16:23	1
Acetone	ND		10	3.0	ug/L			03/28/14 16:23	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 16:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 16:23	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 16:23	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 16:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 16:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 16:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 16:23	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 16:23	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 16:23	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 16:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 16:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 16:23	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 16:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 16:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 16:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 16:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 16:23	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 16:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 16:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 16:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 16:23	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 16:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 16:23	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 16:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 16:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 16:23	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 16:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 16:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 16:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 16:23	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-51\_0314**

**Lab Sample ID: 480-56590-7**

**Date Collected: 03/24/14 10:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/28/14 16:23	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/28/14 16:23	1
Toluene-d8 (Surr)	103		71 - 126		03/28/14 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		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 10:19	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/31/14 10:19	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 10:19	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/31/14 10:19	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 10:19	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 10:19	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:19	1
2-Chloronaphthalene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:19	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/31/14 10:19	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/31/14 10:19	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:19	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/31/14 10:19	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 10:19	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:19	1
3-Nitroaniline	ND	*	9.7	0.46	ug/L		03/27/14 06:14	03/31/14 10:19	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 10:19	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 10:19	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 10:19	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 10:19	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 10:19	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/31/14 10:19	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/31/14 10:19	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/31/14 10:19	1
Acenaphthene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 10:19	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/31/14 10:19	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 10:19	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/31/14 10:19	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/31/14 10:19	1
Atrazine	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:19	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/31/14 10:19	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 10:19	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:19	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 10:19	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 10:19	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		03/27/14 06:14	03/31/14 10:19	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/31/14 10:19	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/31/14 10:19	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 10:19	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:19	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/31/14 10:19	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 10:19	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/31/14 10:19	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/31/14 10:19	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/31/14 10:19	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-51\_0314**

**Lab Sample ID: 480-56590-7**

**Date Collected: 03/24/14 10:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 10:19	1
Dibenzofuran	ND		9.7	0.49	ug/L		03/27/14 06:14	03/31/14 10:19	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/31/14 10:19	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 10:19	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/31/14 10:19	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:19	1
Fluoranthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:19	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 10:19	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 10:19	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/27/14 06:14	03/31/14 10:19	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 10:19	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 10:19	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:19	1
Isophorone	ND		4.8	0.42	ug/L		03/27/14 06:14	03/31/14 10:19	1
Naphthalene	ND		4.8	0.74	ug/L		03/27/14 06:14	03/31/14 10:19	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/31/14 10:19	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 10:19	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 10:19	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 10:19	1
Phenanthrene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 10:19	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 10:19	1
Pyrene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 10:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 132	03/27/14 06:14	03/31/14 10:19	1
2-Fluorobiphenyl	78		48 - 120	03/27/14 06:14	03/31/14 10:19	1
2-Fluorophenol	38		20 - 120	03/27/14 06:14	03/31/14 10:19	1
Nitrobenzene-d5	69		46 - 120	03/27/14 06:14	03/31/14 10:19	1
Phenol-d5	30		16 - 120	03/27/14 06:14	03/31/14 10:19	1
p-Terphenyl-d14	79		67 - 150	03/27/14 06:14	03/31/14 10:19	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Aluminum</b>	<b>66.0</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Arsenic</b>	<b>3140</b>		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Barium</b>	<b>25.4</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 06:49	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Calcium</b>	<b>384000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Cadmium</b>	<b>0.55</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Cobalt</b>	<b>1.1</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 06:49	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Copper</b>	<b>3.1</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Iron</b>	<b>85300</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Potassium</b>	<b>13400</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Magnesium</b>	<b>45400</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Manganese</b>	<b>799</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 06:49	1
<b>Sodium</b>	<b>53600</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 06:49	1
Nickel	ND		40.0	0.49	ug/L		04/02/14 09:25	04/10/14 06:49	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:49	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-51\_0314**

**Lab Sample ID: 480-56590-7**

Date Collected: 03/24/14 10:00

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.9	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 06:49	1
Selenium	7.2	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:27	1
Thallium	2.2	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:49	1
Zinc	9.6	J	20.0	6.0	ug/L		04/02/14 09:25	04/10/14 06:49	1
Vanadium	2.2	J	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 06:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:04	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-PZ-16\_0314**

**Lab Sample ID: 480-56590-8**

**Date Collected: 03/25/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 16:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 16:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 16:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 16:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 16:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 16:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 16:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 16:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 16:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 16:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 16:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 16:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 16:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 16:45	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 16:45	1
Acetone	ND		10	3.0	ug/L			03/28/14 16:45	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 16:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 16:45	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 16:45	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 16:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 16:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 16:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 16:45	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 16:45	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 16:45	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 16:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 16:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 16:45	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 16:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 16:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 16:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 16:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 16:45	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 16:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 16:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 16:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 16:45	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 16:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 16:45	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 16:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 16:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 16:45	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 16:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 16:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 16:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 16:45	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-PZ-16\_0314**

**Lab Sample ID: 480-56590-8**

**Date Collected: 03/25/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/28/14 16:45	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/28/14 16:45	1
Toluene-d8 (Surr)	102		71 - 126		03/28/14 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 10:44	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/31/14 10:44	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 10:44	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/31/14 10:44	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 10:44	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 10:44	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:44	1
2-Chloronaphthalene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:44	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/31/14 10:44	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/31/14 10:44	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:44	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/31/14 10:44	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 10:44	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:44	1
3-Nitroaniline	ND *		9.7	0.46	ug/L		03/27/14 06:14	03/31/14 10:44	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 10:44	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 10:44	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 10:44	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 10:44	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 10:44	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/31/14 10:44	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/31/14 10:44	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/31/14 10:44	1
Acenaphthene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 10:44	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/31/14 10:44	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 10:44	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/31/14 10:44	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/31/14 10:44	1
Atrazine	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:44	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/31/14 10:44	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 10:44	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:44	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 10:44	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 10:44	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		03/27/14 06:14	03/31/14 10:44	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/31/14 10:44	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/31/14 10:44	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 10:44	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:44	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/31/14 10:44	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 10:44	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/31/14 10:44	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/31/14 10:44	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/31/14 10:44	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-PZ-16\_0314**

**Lab Sample ID: 480-56590-8**

**Date Collected: 03/25/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 10:44	1
Dibenzofuran	ND		9.7	0.49	ug/L		03/27/14 06:14	03/31/14 10:44	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/31/14 10:44	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 10:44	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/31/14 10:44	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:44	1
Fluoranthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 10:44	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 10:44	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 10:44	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/27/14 06:14	03/31/14 10:44	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 10:44	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 10:44	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 10:44	1
Isophorone	ND		4.8	0.42	ug/L		03/27/14 06:14	03/31/14 10:44	1
Naphthalene	ND		4.8	0.74	ug/L		03/27/14 06:14	03/31/14 10:44	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/31/14 10:44	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 10:44	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 10:44	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 10:44	1
Phenanthrene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 10:44	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 10:44	1
Pyrene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 10:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		52 - 132	03/27/14 06:14	03/31/14 10:44	1
2-Fluorobiphenyl	77		48 - 120	03/27/14 06:14	03/31/14 10:44	1
2-Fluorophenol	40		20 - 120	03/27/14 06:14	03/31/14 10:44	1
Nitrobenzene-d5	63		46 - 120	03/27/14 06:14	03/31/14 10:44	1
Phenol-d5	28		16 - 120	03/27/14 06:14	03/31/14 10:44	1
p-Terphenyl-d14	79		67 - 150	03/27/14 06:14	03/31/14 10:44	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Aluminum</b>	<b>95.5</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Arsenic</b>	<b>3.4</b>	<b>J</b>	10.0	3.0	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Barium</b>	<b>26.4</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 06:54	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Calcium</b>	<b>103000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 06:54	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Cobalt</b>	<b>0.90</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 06:54	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Copper</b>	<b>10.8</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Iron</b>	<b>2020</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Potassium</b>	<b>2320</b>	<b>J</b>	5000	40.5	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Magnesium</b>	<b>20700</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Manganese</b>	<b>151</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Sodium</b>	<b>8210</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 06:54	1
<b>Nickel</b>	<b>3.0</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 06:54	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:54	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-PZ-16\_0314**

**Lab Sample ID: 480-56590-8**

**Date Collected: 03/25/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.6	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 06:54	1
Selenium	ND		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:32	1
Thallium	1.5	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 06:54	1
Zinc	87.3		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 06:54	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 06:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:06	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E03\_0314**

**Lab Sample ID: 480-56590-9**

**Date Collected: 03/25/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 17:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 17:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 17:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 17:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 17:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 17:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 17:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 17:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 17:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 17:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 17:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 17:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 17:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 17:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 17:06	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 17:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 17:06	1
Acetone	ND		10	3.0	ug/L			03/28/14 17:06	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 17:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 17:06	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 17:06	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 17:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 17:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 17:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 17:06	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 17:06	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 17:06	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 17:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 17:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 17:06	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 17:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 17:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 17:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 17:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 17:06	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 17:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 17:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 17:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 17:06	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 17:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 17:06	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 17:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 17:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 17:06	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 17:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 17:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 17:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 17:06	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E03\_0314**

**Lab Sample ID: 480-56590-9**

**Date Collected: 03/25/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		03/28/14 17:06	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/28/14 17:06	1
Toluene-d8 (Surr)	102		71 - 126		03/28/14 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 12:32	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/31/14 12:32	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 12:32	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/31/14 12:32	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/31/14 12:32	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 12:32	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 12:32	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 12:32	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/31/14 12:32	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/31/14 12:32	1
2-Methylphenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 12:32	1
2-Nitroaniline	ND		9.6	0.40	ug/L		03/27/14 06:14	03/31/14 12:32	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 12:32	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 12:32	1
3-Nitroaniline	ND	*	9.6	0.46	ug/L		03/27/14 06:14	03/31/14 12:32	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/31/14 12:32	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 12:32	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 12:32	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 12:32	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 12:32	1
4-Methylphenol	ND		9.6	0.35	ug/L		03/27/14 06:14	03/31/14 12:32	1
4-Nitroaniline	ND		9.6	0.24	ug/L		03/27/14 06:14	03/31/14 12:32	1
4-Nitrophenol	ND		9.6	1.5	ug/L		03/27/14 06:14	03/31/14 12:32	1
Acenaphthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 12:32	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/31/14 12:32	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 12:32	1
Aniline	ND		9.6	0.59	ug/L		03/27/14 06:14	03/31/14 12:32	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/31/14 12:32	1
Atrazine	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 12:32	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/31/14 12:32	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 12:32	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 12:32	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 12:32	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 12:32	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		03/27/14 06:14	03/31/14 12:32	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/31/14 12:32	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/31/14 12:32	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 12:32	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 12:32	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/31/14 12:32	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 12:32	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/31/14 12:32	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/31/14 12:32	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/31/14 12:32	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E03\_0314**

**Lab Sample ID: 480-56590-9**

**Date Collected: 03/25/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 12:32	1
Dibenzofuran	ND		9.6	0.49	ug/L		03/27/14 06:14	03/31/14 12:32	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/31/14 12:32	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 12:32	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/31/14 12:32	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 12:32	1
Fluoranthene	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 12:32	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 12:32	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 12:32	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		03/27/14 06:14	03/31/14 12:32	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 12:32	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 12:32	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 12:32	1
Isophorone	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 12:32	1
Naphthalene	ND		4.8	0.73	ug/L		03/27/14 06:14	03/31/14 12:32	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/31/14 12:32	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 12:32	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 12:32	1
Pentachlorophenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/31/14 12:32	1
Phenanthrene	ND		4.8	0.42	ug/L		03/27/14 06:14	03/31/14 12:32	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 12:32	1
Pyrene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	03/27/14 06:14	03/31/14 12:32	1
2-Fluorobiphenyl	72		48 - 120	03/27/14 06:14	03/31/14 12:32	1
2-Fluorophenol	36		20 - 120	03/27/14 06:14	03/31/14 12:32	1
Nitrobenzene-d5	54		46 - 120	03/27/14 06:14	03/31/14 12:32	1
Phenol-d5	28		16 - 120	03/27/14 06:14	03/31/14 12:32	1
p-Terphenyl-d14	73		67 - 150	03/27/14 06:14	03/31/14 12:32	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Aluminum</b>	<b>47.3</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:00	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Barium</b>	<b>67.8</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:00	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Calcium</b>	<b>169000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:00	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Cobalt</b>	<b>0.61</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:00	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Copper</b>	<b>2.7</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Iron</b>	<b>2180</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Potassium</b>	<b>5750</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Magnesium</b>	<b>17400</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Manganese</b>	<b>115</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Sodium</b>	<b>27300</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:00	1
<b>Nickel</b>	<b>2.4</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:00	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:00	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E03\_0314**

**Lab Sample ID: 480-56590-9**

Date Collected: 03/25/14 14:15

Matrix: Ground Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.4	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:00	1
Selenium	4.3	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:37	1
Thallium	2.1	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:00	1
Zinc	ND		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:00	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:08	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E04\_0314**

**Lab Sample ID: 480-56590-10**

**Date Collected: 03/24/14 10:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 17:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 17:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 17:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 17:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 17:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 17:28	1
<b>1,2,4-Trichlorobenzene</b>	<b>0.94</b>	<b>J</b>	1.0	0.41	ug/L			03/28/14 17:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 17:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 17:28	1
<b>1,2-Dichlorobenzene</b>	<b>1.9</b>		1.0	0.79	ug/L			03/28/14 17:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 17:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 17:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 17:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 17:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 17:28	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 17:28	1
Acetone	ND		10	3.0	ug/L			03/28/14 17:28	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 17:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 17:28	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 17:28	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 17:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 17:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 17:28	1
<b>Chlorobenzene</b>	<b>1.2</b>		1.0	0.75	ug/L			03/28/14 17:28	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 17:28	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 17:28	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 17:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 17:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 17:28	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 17:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 17:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 17:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 17:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 17:28	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 17:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 17:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 17:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 17:28	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 17:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 17:28	1
<b>Toluene</b>	<b>0.90</b>	<b>J</b>	1.0	0.51	ug/L			03/28/14 17:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 17:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 17:28	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 17:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 17:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 17:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 17:28	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E04\_0314**

**Lab Sample ID: 480-56590-10**

**Date Collected: 03/24/14 10:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/28/14 17:28	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/28/14 17:28	1
Toluene-d8 (Surr)	101		71 - 126		03/28/14 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		96	9.2	ug/L		03/27/14 06:14	03/31/14 16:13	20
2,4,6-Trichlorophenol	ND		96	12	ug/L		03/27/14 06:14	03/31/14 16:13	20
2,4-Dichlorophenol	ND		96	9.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
2,4-Dimethylphenol	ND		96	9.6	ug/L		03/27/14 06:14	03/31/14 16:13	20
2,4-Dinitrophenol	ND		190	43	ug/L		03/27/14 06:14	03/31/14 16:13	20
<b>2,4-Dinitrotoluene</b>	<b>1800</b>		96	8.6	ug/L		03/27/14 06:14	03/31/14 16:13	20
<b>2,6-Dinitrotoluene</b>	<b>2300</b>		96	7.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
2-Chloronaphthalene	ND		96	8.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
2-Chlorophenol	ND		96	10	ug/L		03/27/14 06:14	03/31/14 16:13	20
2-Methylnaphthalene	ND		96	12	ug/L		03/27/14 06:14	03/31/14 16:13	20
2-Methylphenol	ND		96	7.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
2-Nitroaniline	ND		190	8.1	ug/L		03/27/14 06:14	03/31/14 16:13	20
2-Nitrophenol	ND		96	9.2	ug/L		03/27/14 06:14	03/31/14 16:13	20
3,3'-Dichlorobenzidine	ND		96	7.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
3-Nitroaniline	ND *		190	9.2	ug/L		03/27/14 06:14	03/31/14 16:13	20
4,6-Dinitro-2-methylphenol	ND		190	42	ug/L		03/27/14 06:14	03/31/14 16:13	20
4-Bromophenyl phenyl ether	ND		96	8.6	ug/L		03/27/14 06:14	03/31/14 16:13	20
4-Chloro-3-methylphenol	ND		96	8.6	ug/L		03/27/14 06:14	03/31/14 16:13	20
4-Chloroaniline	ND		96	11	ug/L		03/27/14 06:14	03/31/14 16:13	20
4-Chlorophenyl phenyl ether	ND		96	6.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
4-Methylphenol	ND		190	6.9	ug/L		03/27/14 06:14	03/31/14 16:13	20
4-Nitroaniline	ND		190	4.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
4-Nitrophenol	ND		190	29	ug/L		03/27/14 06:14	03/31/14 16:13	20
Acenaphthene	ND		96	7.9	ug/L		03/27/14 06:14	03/31/14 16:13	20
Acenaphthylene	ND		96	7.3	ug/L		03/27/14 06:14	03/31/14 16:13	20
Acetophenone	ND		96	10	ug/L		03/27/14 06:14	03/31/14 16:13	20
Aniline	ND		190	12	ug/L		03/27/14 06:14	03/31/14 16:13	20
Anthracene	ND		96	5.4	ug/L		03/27/14 06:14	03/31/14 16:13	20
Atrazine	ND		96	8.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
Benzaldehyde	ND		96	5.1	ug/L		03/27/14 06:14	03/31/14 16:13	20
Benzo(a)anthracene	ND		96	6.9	ug/L		03/27/14 06:14	03/31/14 16:13	20
Benzo(a)pyrene	ND		96	9.0	ug/L		03/27/14 06:14	03/31/14 16:13	20
Benzo(b)fluoranthene	ND		96	6.5	ug/L		03/27/14 06:14	03/31/14 16:13	20
Benzo(g,h,i)perylene	ND		96	6.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
Benzo(k)fluoranthene	ND		96	14	ug/L		03/27/14 06:14	03/31/14 16:13	20
Biphenyl	ND		96	13	ug/L		03/27/14 06:14	03/31/14 16:13	20
bis (2-chloroisopropyl) ether	ND		96	10	ug/L		03/27/14 06:14	03/31/14 16:13	20
Bis(2-chloroethoxy)methane	ND		96	6.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
Bis(2-chloroethyl)ether	ND		96	7.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
Bis(2-ethylhexyl) phthalate	ND		96	35	ug/L		03/27/14 06:14	03/31/14 16:13	20
Butyl benzyl phthalate	ND		96	8.1	ug/L		03/27/14 06:14	03/31/14 16:13	20
Caprolactam	ND		96	42	ug/L		03/27/14 06:14	03/31/14 16:13	20
Carbazole	ND		96	5.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
Chrysene	ND		96	6.3	ug/L		03/27/14 06:14	03/31/14 16:13	20

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E04\_0314**

**Lab Sample ID: 480-56590-10**

Date Collected: 03/24/14 10:10

Matrix: Water

Date Received: 03/25/14 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		96	8.1	ug/L		03/27/14 06:14	03/31/14 16:13	20
Dibenzofuran	ND		190	9.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
Diethyl phthalate	ND		96	4.2	ug/L		03/27/14 06:14	03/31/14 16:13	20
Dimethyl phthalate	ND		96	6.9	ug/L		03/27/14 06:14	03/31/14 16:13	20
Di-n-butyl phthalate	ND		96	5.9	ug/L		03/27/14 06:14	03/31/14 16:13	20
Di-n-octyl phthalate	ND		96	9.0	ug/L		03/27/14 06:14	03/31/14 16:13	20
Fluoranthene	ND		96	7.7	ug/L		03/27/14 06:14	03/31/14 16:13	20
Fluorene	ND		96	6.9	ug/L		03/27/14 06:14	03/31/14 16:13	20
Hexachlorobenzene	ND		96	9.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
Hexachlorobutadiene	ND		96	13	ug/L		03/27/14 06:14	03/31/14 16:13	20
Hexachlorocyclopentadiene	ND		96	11	ug/L		03/27/14 06:14	03/31/14 16:13	20
Hexachloroethane	ND		96	11	ug/L		03/27/14 06:14	03/31/14 16:13	20
Indeno(1,2,3-cd)pyrene	ND		96	9.0	ug/L		03/27/14 06:14	03/31/14 16:13	20
Isophorone	ND		96	8.3	ug/L		03/27/14 06:14	03/31/14 16:13	20
Naphthalene	ND		96	15	ug/L		03/27/14 06:14	03/31/14 16:13	20
Nitrobenzene	ND		96	5.6	ug/L		03/27/14 06:14	03/31/14 16:13	20
N-Nitrosodi-n-propylamine	ND		96	10	ug/L		03/27/14 06:14	03/31/14 16:13	20
N-Nitrosodiphenylamine	ND		96	9.8	ug/L		03/27/14 06:14	03/31/14 16:13	20
Pentachlorophenol	ND		190	42	ug/L		03/27/14 06:14	03/31/14 16:13	20
Phenanthrene	ND		96	8.4	ug/L		03/27/14 06:14	03/31/14 16:13	20
Phenol	ND		96	7.5	ug/L		03/27/14 06:14	03/31/14 16:13	20
Pyrene	ND		96	6.5	ug/L		03/27/14 06:14	03/31/14 16:13	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		52 - 132	03/27/14 06:14	03/31/14 16:13	20
2-Fluorobiphenyl	100		48 - 120	03/27/14 06:14	03/31/14 16:13	20
2-Fluorophenol	46		20 - 120	03/27/14 06:14	03/31/14 16:13	20
Nitrobenzene-d5	77		46 - 120	03/27/14 06:14	03/31/14 16:13	20
Phenol-d5	32		16 - 120	03/27/14 06:14	03/31/14 16:13	20
p-Terphenyl-d14	92		67 - 150	03/27/14 06:14	03/31/14 16:13	20

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:05	1
Aluminum	498	B	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:05	1
Arsenic	17.9		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:05	1
Barium	35.7	J B	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:05	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:05	1
Calcium	154000	B	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:05	1
Cadmium	0.36	J	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:05	1
Cobalt	1.0	J	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:05	1
Chromium	2.7	J	5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:05	1
Copper	33.4		25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:05	1
Iron	1360	B	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:05	1
Potassium	5240		5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:05	1
Magnesium	31800	B	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:05	1
Manganese	46.3	B	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:05	1
Sodium	14400	B	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:05	1
Nickel	10.5	J B	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:05	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:05	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E04\_0314**

**Lab Sample ID: 480-56590-10**

Date Collected: 03/24/14 10:10

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	89.3		10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:05	1
Selenium	ND		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:42	1
Thallium	2.4	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:05	1
Zinc	196		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:05	1
Vanadium	1.6	J	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:10	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E05\_0314**

**Lab Sample ID: 480-56590-11**

**Date Collected: 03/25/14 12:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 17:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 17:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 17:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 17:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 17:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 17:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 17:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 17:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 17:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 17:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 17:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 17:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 17:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 17:50	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 17:50	1
Acetone	ND		10	3.0	ug/L			03/28/14 17:50	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 17:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 17:50	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 17:50	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 17:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 17:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 17:50	1
<b>Chlorobenzene</b>	<b>3.1</b>		1.0	0.75	ug/L			03/28/14 17:50	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 17:50	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 17:50	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 17:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 17:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 17:50	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 17:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 17:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 17:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 17:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 17:50	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 17:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 17:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 17:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 17:50	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 17:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 17:50	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 17:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 17:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 17:50	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 17:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 17:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 17:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 17:50	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E05\_0314**

**Lab Sample ID: 480-56590-11**

**Date Collected: 03/25/14 12:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/28/14 17:50	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/28/14 17:50	1
Toluene-d8 (Surr)	102		71 - 126		03/28/14 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 13:21	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/31/14 13:21	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 13:21	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/31/14 13:21	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 13:21	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 13:21	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:21	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 13:21	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/31/14 13:21	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/31/14 13:21	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:21	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/31/14 13:21	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 13:21	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:21	1
3-Nitroaniline	ND	*	9.7	0.46	ug/L		03/27/14 06:14	03/31/14 13:21	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 13:21	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 13:21	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 13:21	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 13:21	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 13:21	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/31/14 13:21	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/31/14 13:21	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/31/14 13:21	1
Acenaphthene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 13:21	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/31/14 13:21	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 13:21	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/31/14 13:21	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/31/14 13:21	1
Atrazine	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 13:21	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/31/14 13:21	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 13:21	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 13:21	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 13:21	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 13:21	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		03/27/14 06:14	03/31/14 13:21	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/31/14 13:21	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/31/14 13:21	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 13:21	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:21	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/31/14 13:21	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 13:21	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/31/14 13:21	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/31/14 13:21	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/31/14 13:21	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E05\_0314**

**Lab Sample ID: 480-56590-11**

Date Collected: 03/25/14 12:15

Matrix: Water

Date Received: 03/25/14 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 13:21	1
Dibenzofuran	ND		9.7	0.49	ug/L		03/27/14 06:14	03/31/14 13:21	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/31/14 13:21	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 13:21	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/31/14 13:21	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 13:21	1
Fluoranthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:21	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 13:21	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 13:21	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/27/14 06:14	03/31/14 13:21	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 13:21	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 13:21	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 13:21	1
Isophorone	ND		4.8	0.42	ug/L		03/27/14 06:14	03/31/14 13:21	1
Naphthalene	ND		4.8	0.73	ug/L		03/27/14 06:14	03/31/14 13:21	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/31/14 13:21	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 13:21	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 13:21	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 13:21	1
Phenanthrene	ND		4.8	0.42	ug/L		03/27/14 06:14	03/31/14 13:21	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 13:21	1
Pyrene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	03/27/14 06:14	03/31/14 13:21	1
2-Fluorobiphenyl	76		48 - 120	03/27/14 06:14	03/31/14 13:21	1
2-Fluorophenol	33		20 - 120	03/27/14 06:14	03/31/14 13:21	1
Nitrobenzene-d5	59		46 - 120	03/27/14 06:14	03/31/14 13:21	1
Phenol-d5	24		16 - 120	03/27/14 06:14	03/31/14 13:21	1
p-Terphenyl-d14	64	X	67 - 150	03/27/14 06:14	03/31/14 13:21	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Aluminum</b>	<b>221</b>	<b>B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:10	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Barium</b>	<b>24.0</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:10	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Calcium</b>	<b>104000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Cadmium</b>	<b>8.3</b>		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Cobalt</b>	<b>8.5</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:10	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Copper</b>	<b>76.8</b>		25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Iron</b>	<b>413</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Potassium</b>	<b>4230</b>	<b>J</b>	5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Magnesium</b>	<b>10700</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Manganese</b>	<b>138</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Sodium</b>	<b>58100</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Nickel</b>	<b>17.8</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:10	1
<b>Lead</b>	<b>18.3</b>		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:10	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E05\_0314**

**Lab Sample ID: 480-56590-11**

Date Collected: 03/25/14 12:15

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.5	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:10	1
Selenium	25.1		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:47	1
Thallium	1.9	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:10	1
Zinc	3210		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:10	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:11	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E06\_0314**

**Lab Sample ID: 480-56590-12**

**Date Collected: 03/25/14 08:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 18:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 18:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 18:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 18:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 18:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 18:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 18:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 18:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 18:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 18:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 18:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 18:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 18:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 18:12	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 18:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 18:12	1
Acetone	ND		10	3.0	ug/L			03/28/14 18:12	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 18:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 18:12	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 18:12	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 18:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 18:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 18:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 18:12	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 18:12	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 18:12	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 18:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 18:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 18:12	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 18:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 18:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 18:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 18:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 18:12	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 18:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 18:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 18:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 18:12	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 18:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 18:12	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 18:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 18:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 18:12	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 18:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 18:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 18:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 18:12	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E06\_0314**

**Lab Sample ID: 480-56590-12**

**Date Collected: 03/25/14 08:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/14 18:12	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/28/14 18:12	1
Toluene-d8 (Surr)	102		71 - 126		03/28/14 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 13:45	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/31/14 13:45	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 13:45	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/31/14 13:45	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/31/14 13:45	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 13:45	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:45	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 13:45	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/31/14 13:45	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/31/14 13:45	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:45	1
2-Nitroaniline	ND		9.6	0.40	ug/L		03/27/14 06:14	03/31/14 13:45	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 13:45	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:45	1
3-Nitroaniline	ND	*	9.6	0.46	ug/L		03/27/14 06:14	03/31/14 13:45	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/31/14 13:45	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 13:45	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 13:45	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 13:45	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 13:45	1
4-Methylphenol	ND		9.6	0.35	ug/L		03/27/14 06:14	03/31/14 13:45	1
4-Nitroaniline	ND		9.6	0.24	ug/L		03/27/14 06:14	03/31/14 13:45	1
4-Nitrophenol	ND		9.6	1.5	ug/L		03/27/14 06:14	03/31/14 13:45	1
Acenaphthene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 13:45	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/31/14 13:45	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 13:45	1
Aniline	ND		9.6	0.59	ug/L		03/27/14 06:14	03/31/14 13:45	1
Anthracene	ND		4.8	0.27	ug/L		03/27/14 06:14	03/31/14 13:45	1
Atrazine	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 13:45	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/31/14 13:45	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 13:45	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 13:45	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 13:45	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 13:45	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		03/27/14 06:14	03/31/14 13:45	1
Biphenyl	ND		4.8	0.63	ug/L		03/27/14 06:14	03/31/14 13:45	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/31/14 13:45	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 13:45	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:45	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/31/14 13:45	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 13:45	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/31/14 13:45	1
Carbazole	ND		4.8	0.29	ug/L		03/27/14 06:14	03/31/14 13:45	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/31/14 13:45	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E06\_0314**

**Lab Sample ID: 480-56590-12**

**Date Collected: 03/25/14 08:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 13:45	1
Dibenzofuran	ND		9.6	0.49	ug/L		03/27/14 06:14	03/31/14 13:45	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/31/14 13:45	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 13:45	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/31/14 13:45	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 13:45	1
Fluoranthene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 13:45	1
Fluorene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 13:45	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 13:45	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/27/14 06:14	03/31/14 13:45	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 13:45	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 13:45	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 13:45	1
Isophorone	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 13:45	1
Naphthalene	ND		4.8	0.73	ug/L		03/27/14 06:14	03/31/14 13:45	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/31/14 13:45	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 13:45	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 13:45	1
Pentachlorophenol	ND		9.6	2.1	ug/L		03/27/14 06:14	03/31/14 13:45	1
Phenanthrene	ND		4.8	0.42	ug/L		03/27/14 06:14	03/31/14 13:45	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 13:45	1
Pyrene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 132	03/27/14 06:14	03/31/14 13:45	1
2-Fluorobiphenyl	69		48 - 120	03/27/14 06:14	03/31/14 13:45	1
2-Fluorophenol	30		20 - 120	03/27/14 06:14	03/31/14 13:45	1
Nitrobenzene-d5	54		46 - 120	03/27/14 06:14	03/31/14 13:45	1
Phenol-d5	22		16 - 120	03/27/14 06:14	03/31/14 13:45	1
p-Terphenyl-d14	58	X	67 - 150	03/27/14 06:14	03/31/14 13:45	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Aluminum</b>	<b>116</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Arsenic</b>	<b>53.2</b>		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Barium</b>	<b>18.9</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:15	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Calcium</b>	<b>358000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Cadmium</b>	<b>1.5</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Cobalt</b>	<b>27.2</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:15	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Copper</b>	<b>6.3</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Iron</b>	<b>140000</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Potassium</b>	<b>4300</b>	<b>J</b>	5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Magnesium</b>	<b>20600</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Manganese</b>	<b>1630</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Sodium</b>	<b>47500</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:15	1
<b>Nickel</b>	<b>26.0</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:15	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:15	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E06\_0314**

**Lab Sample ID: 480-56590-12**

Date Collected: 03/25/14 08:00

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.4	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:15	1
Selenium	3.1	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:52	1
Thallium	1.9	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:15	1
Zinc	1740		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:15	1
Vanadium	4.2	J	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:13	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E07\_0314**

**Lab Sample ID: 480-56590-13**

**Date Collected: 03/25/14 09:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 18:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 18:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 18:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 18:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 18:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 18:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 18:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 18:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 18:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 18:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 18:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 18:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 18:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 18:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 18:34	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 18:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 18:34	1
Acetone	ND		10	3.0	ug/L			03/28/14 18:34	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 18:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 18:34	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 18:34	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 18:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 18:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 18:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 18:34	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 18:34	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 18:34	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 18:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 18:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 18:34	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 18:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 18:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 18:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 18:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 18:34	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 18:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 18:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 18:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 18:34	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 18:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 18:34	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 18:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 18:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 18:34	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 18:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 18:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 18:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 18:34	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E07\_0314**

**Lab Sample ID: 480-56590-13**

**Date Collected: 03/25/14 09:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		03/28/14 18:34	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/28/14 18:34	1
Toluene-d8 (Surr)	103		71 - 126		03/28/14 18:34	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	0.47	ug/L		03/27/14 06:14	03/31/14 14:37	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		03/27/14 06:14	03/31/14 14:37	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 14:37	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/27/14 06:14	03/31/14 14:37	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		03/27/14 06:14	03/31/14 14:37	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/27/14 06:14	03/31/14 14:37	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 14:37	1
2-Chloronaphthalene	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 14:37	1
2-Chlorophenol	ND		4.8	0.51	ug/L		03/27/14 06:14	03/31/14 14:37	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		03/27/14 06:14	03/31/14 14:37	1
2-Methylphenol	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 14:37	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/31/14 14:37	1
2-Nitrophenol	ND		4.8	0.47	ug/L		03/27/14 06:14	03/31/14 14:37	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 14:37	1
3-Nitroaniline	ND	*	9.7	0.47	ug/L		03/27/14 06:14	03/31/14 14:37	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 14:37	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 14:37	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		03/27/14 06:14	03/31/14 14:37	1
4-Chloroaniline	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 14:37	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 14:37	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/31/14 14:37	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/31/14 14:37	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Acenaphthene</b>	<b>14</b>		4.8	0.40	ug/L		03/27/14 06:14	03/31/14 14:37	1
Acenaphthylene	ND		4.8	0.37	ug/L		03/27/14 06:14	03/31/14 14:37	1
Acetophenone	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 14:37	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Anthracene</b>	<b>1.4 J</b>		4.8	0.27	ug/L		03/27/14 06:14	03/31/14 14:37	1
Atrazine	ND		4.8	0.45	ug/L		03/27/14 06:14	03/31/14 14:37	1
Benzaldehyde	ND		4.8	0.26	ug/L		03/27/14 06:14	03/31/14 14:37	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 14:37	1
Benzo(a)pyrene	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 14:37	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		03/27/14 06:14	03/31/14 14:37	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 14:37	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Biphenyl</b>	<b>0.90 J</b>		4.8	0.63	ug/L		03/27/14 06:14	03/31/14 14:37	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		03/27/14 06:14	03/31/14 14:37	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		03/27/14 06:14	03/31/14 14:37	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		03/27/14 06:14	03/31/14 14:37	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/27/14 06:14	03/31/14 14:37	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 14:37	1
Caprolactam	ND		4.8	2.1	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Carbazole</b>	<b>1.2 J</b>		4.8	0.29	ug/L		03/27/14 06:14	03/31/14 14:37	1
Chrysene	ND		4.8	0.32	ug/L		03/27/14 06:14	03/31/14 14:37	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E07\_0314**

**Lab Sample ID: 480-56590-13**

Date Collected: 03/25/14 09:10

Matrix: Water

Date Received: 03/25/14 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Dibenzofuran</b>	<b>4.6</b>	<b>J</b>	9.7	0.49	ug/L		03/27/14 06:14	03/31/14 14:37	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/27/14 06:14	03/31/14 14:37	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 14:37	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/27/14 06:14	03/31/14 14:37	1
Di-n-octyl phthalate	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Fluoranthene</b>	<b>2.2</b>	<b>J</b>	4.8	0.39	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Fluorene</b>	<b>8.7</b>		4.8	0.35	ug/L		03/27/14 06:14	03/31/14 14:37	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 14:37	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		03/27/14 06:14	03/31/14 14:37	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 14:37	1
Hexachloroethane	ND		4.8	0.57	ug/L		03/27/14 06:14	03/31/14 14:37	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.46	ug/L		03/27/14 06:14	03/31/14 14:37	1
Isophorone	ND		4.8	0.42	ug/L		03/27/14 06:14	03/31/14 14:37	1
Naphthalene	ND		4.8	0.74	ug/L		03/27/14 06:14	03/31/14 14:37	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/27/14 06:14	03/31/14 14:37	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		03/27/14 06:14	03/31/14 14:37	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/27/14 06:14	03/31/14 14:37	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Phenanthrene</b>	<b>3.2</b>	<b>J</b>	4.8	0.43	ug/L		03/27/14 06:14	03/31/14 14:37	1
Phenol	ND		4.8	0.38	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Pyrene</b>	<b>1.5</b>	<b>J</b>	4.8	0.33	ug/L		03/27/14 06:14	03/31/14 14:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>2,4,6-Tribromophenol</i>	94		52 - 132				03/27/14 06:14	03/31/14 14:37	1
<i>2-Fluorobiphenyl</i>	73		48 - 120				03/27/14 06:14	03/31/14 14:37	1
<i>2-Fluorophenol</i>	38		20 - 120				03/27/14 06:14	03/31/14 14:37	1
<i>Nitrobenzene-d5</i>	58		46 - 120				03/27/14 06:14	03/31/14 14:37	1
<i>Phenol-d5</i>	27		16 - 120				03/27/14 06:14	03/31/14 14:37	1
<i>p-Terphenyl-d14</i>	61	X	67 - 150				03/27/14 06:14	03/31/14 14:37	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Aluminum</b>	<b>85.0</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Arsenic</b>	<b>75.2</b>		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Barium</b>	<b>10.9</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:21	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Calcium</b>	<b>150000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Cadmium</b>	<b>0.56</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Cobalt</b>	<b>4.9</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:21	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Copper</b>	<b>5.5</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Iron</b>	<b>81800</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Potassium</b>	<b>8960</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Magnesium</b>	<b>14700</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Manganese</b>	<b>245</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Sodium</b>	<b>20400</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Nickel</b>	<b>2.3</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:21	1
<b>Lead</b>	<b>3.2</b>	<b>J</b>	10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:21	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E07\_0314**

**Lab Sample ID: 480-56590-13**

Date Collected: 03/25/14 09:10

Matrix: Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.6	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:21	1
Selenium	2.4	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 17:58	1
Thallium	1.7	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:21	1
Zinc	61.9		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:21	1
Vanadium	3.9	J	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:15	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E RFI-17D\_0314**

**Lab Sample ID: 480-56590-14**

**Date Collected: 03/24/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 18:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 18:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 18:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 18:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 18:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 18:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 18:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 18:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 18:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 18:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 18:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 18:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 18:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 18:56	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 18:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 18:56	1
Acetone	ND		10	3.0	ug/L			03/28/14 18:56	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 18:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 18:56	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 18:56	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 18:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 18:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 18:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 18:56	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 18:56	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 18:56	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 18:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 18:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 18:56	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 18:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 18:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 18:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 18:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 18:56	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 18:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 18:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 18:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 18:56	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 18:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 18:56	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 18:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 18:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 18:56	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 18:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 18:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 18:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 18:56	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E RFI-17D\_0314**

**Lab Sample ID: 480-56590-14**

**Date Collected: 03/24/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/28/14 18:56	1
4-Bromofluorobenzene (Surr)	96		73 - 120		03/28/14 18:56	1
Toluene-d8 (Surr)	101		71 - 126		03/28/14 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		4.9	0.47	ug/L		03/27/14 06:14	03/31/14 15:01	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		03/27/14 06:14	03/31/14 15:01	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		03/27/14 06:14	03/31/14 15:01	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		03/27/14 06:14	03/31/14 15:01	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		03/27/14 06:14	03/31/14 15:01	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		03/27/14 06:14	03/31/14 15:01	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/31/14 15:01	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		03/27/14 06:14	03/31/14 15:01	1
2-Chlorophenol	ND		4.9	0.52	ug/L		03/27/14 06:14	03/31/14 15:01	1
2-Methylnaphthalene	ND		4.9	0.58	ug/L		03/27/14 06:14	03/31/14 15:01	1
2-Methylphenol	ND		4.9	0.39	ug/L		03/27/14 06:14	03/31/14 15:01	1
2-Nitroaniline	ND		9.7	0.41	ug/L		03/27/14 06:14	03/31/14 15:01	1
2-Nitrophenol	ND		4.9	0.47	ug/L		03/27/14 06:14	03/31/14 15:01	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		03/27/14 06:14	03/31/14 15:01	1
3-Nitroaniline	ND	*	9.7	0.47	ug/L		03/27/14 06:14	03/31/14 15:01	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 15:01	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		03/27/14 06:14	03/31/14 15:01	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		03/27/14 06:14	03/31/14 15:01	1
4-Chloroaniline	ND		4.9	0.57	ug/L		03/27/14 06:14	03/31/14 15:01	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		03/27/14 06:14	03/31/14 15:01	1
4-Methylphenol	ND		9.7	0.35	ug/L		03/27/14 06:14	03/31/14 15:01	1
4-Nitroaniline	ND		9.7	0.24	ug/L		03/27/14 06:14	03/31/14 15:01	1
4-Nitrophenol	ND		9.7	1.5	ug/L		03/27/14 06:14	03/31/14 15:01	1
Acenaphthene	ND		4.9	0.40	ug/L		03/27/14 06:14	03/31/14 15:01	1
Acenaphthylene	ND		4.9	0.37	ug/L		03/27/14 06:14	03/31/14 15:01	1
Acetophenone	ND		4.9	0.53	ug/L		03/27/14 06:14	03/31/14 15:01	1
Aniline	ND		9.7	0.59	ug/L		03/27/14 06:14	03/31/14 15:01	1
Anthracene	ND		4.9	0.27	ug/L		03/27/14 06:14	03/31/14 15:01	1
Atrazine	ND		4.9	0.45	ug/L		03/27/14 06:14	03/31/14 15:01	1
Benzaldehyde	ND		4.9	0.26	ug/L		03/27/14 06:14	03/31/14 15:01	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/31/14 15:01	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/31/14 15:01	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/31/14 15:01	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		03/27/14 06:14	03/31/14 15:01	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		03/27/14 06:14	03/31/14 15:01	1
Biphenyl	ND		4.9	0.64	ug/L		03/27/14 06:14	03/31/14 15:01	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		03/27/14 06:14	03/31/14 15:01	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		03/27/14 06:14	03/31/14 15:01	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		03/27/14 06:14	03/31/14 15:01	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		03/27/14 06:14	03/31/14 15:01	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		03/27/14 06:14	03/31/14 15:01	1
Caprolactam	ND		4.9	2.1	ug/L		03/27/14 06:14	03/31/14 15:01	1
Carbazole	ND		4.9	0.29	ug/L		03/27/14 06:14	03/31/14 15:01	1
Chrysene	ND		4.9	0.32	ug/L		03/27/14 06:14	03/31/14 15:01	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E RFI-17D\_0314**

**Lab Sample ID: 480-56590-14**

**Date Collected: 03/24/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		03/27/14 06:14	03/31/14 15:01	1
Dibenzofuran	ND		9.7	0.50	ug/L		03/27/14 06:14	03/31/14 15:01	1
Diethyl phthalate	ND		4.9	0.21	ug/L		03/27/14 06:14	03/31/14 15:01	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		03/27/14 06:14	03/31/14 15:01	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		03/27/14 06:14	03/31/14 15:01	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		03/27/14 06:14	03/31/14 15:01	1
Fluoranthene	ND		4.9	0.39	ug/L		03/27/14 06:14	03/31/14 15:01	1
Fluorene	ND		4.9	0.35	ug/L		03/27/14 06:14	03/31/14 15:01	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		03/27/14 06:14	03/31/14 15:01	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		03/27/14 06:14	03/31/14 15:01	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		03/27/14 06:14	03/31/14 15:01	1
Hexachloroethane	ND		4.9	0.57	ug/L		03/27/14 06:14	03/31/14 15:01	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		03/27/14 06:14	03/31/14 15:01	1
Isophorone	ND		4.9	0.42	ug/L		03/27/14 06:14	03/31/14 15:01	1
Naphthalene	ND		4.9	0.74	ug/L		03/27/14 06:14	03/31/14 15:01	1
Nitrobenzene	ND		4.9	0.28	ug/L		03/27/14 06:14	03/31/14 15:01	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		03/27/14 06:14	03/31/14 15:01	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		03/27/14 06:14	03/31/14 15:01	1
Pentachlorophenol	ND		9.7	2.1	ug/L		03/27/14 06:14	03/31/14 15:01	1
Phenanthrene	ND		4.9	0.43	ug/L		03/27/14 06:14	03/31/14 15:01	1
Phenol	ND		4.9	0.38	ug/L		03/27/14 06:14	03/31/14 15:01	1
Pyrene	ND		4.9	0.33	ug/L		03/27/14 06:14	03/31/14 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		52 - 132	03/27/14 06:14	03/31/14 15:01	1
2-Fluorobiphenyl	72		48 - 120	03/27/14 06:14	03/31/14 15:01	1
2-Fluorophenol	36		20 - 120	03/27/14 06:14	03/31/14 15:01	1
Nitrobenzene-d5	56		46 - 120	03/27/14 06:14	03/31/14 15:01	1
Phenol-d5	27		16 - 120	03/27/14 06:14	03/31/14 15:01	1
p-Terphenyl-d14	93		67 - 150	03/27/14 06:14	03/31/14 15:01	1

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:26	1
Aluminum	ND		200	41.7	ug/L		04/02/14 09:25	04/10/14 07:26	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:26	1
Barium	29.5	J B	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:26	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:26	1
Calcium	188000	B	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:26	1
Cadmium	0.22	J	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:26	1
Cobalt	ND		50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:26	1
Chromium	1.2	J	5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:26	1
Copper	2.8	J	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:26	1
Iron	13.8	J B	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:26	1
Potassium	1350	J	5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:26	1
Magnesium	25700	B	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:26	1
Manganese	0.54	J B	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:26	1
Sodium	13200	B	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:26	1
Nickel	2.9	J B	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:26	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:26	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E RFI-17D\_0314**

**Lab Sample ID: 480-56590-14**

Date Collected: 03/24/14 11:30

Matrix: Ground Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.8	J	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:26	1
Selenium	4.1	J	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 18:03	1
Thallium	1.6	J B	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:26	1
Zinc	7.9	J	20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:26	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:17	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA R10F\_0314**

**Lab Sample ID: 480-56590-15**

**Date Collected: 03/24/14 14:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:31	1
Aluminum	ND		200	41.7	ug/L		04/02/14 09:25	04/10/14 07:31	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Barium</b>	<b>80.5</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:31	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Calcium</b>	<b>32800</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:31	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Cobalt</b>	<b>0.66</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:31	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Copper</b>	<b>1.7</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Iron</b>	<b>507</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Potassium</b>	<b>5280</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Magnesium</b>	<b>56600</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Manganese</b>	<b>27.4</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Sodium</b>	<b>209000</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:31	1
<b>Nickel</b>	<b>1.6</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:31	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:31	1
Antimony	ND		10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:31	1
Selenium	ND		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 18:08	1
<b>Thallium</b>	<b>2.5</b>	<b>J B</b>	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:31	1
Zinc	ND		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:31	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:19	1

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E\_MWE06F\_0314**

**Lab Sample ID: 480-56590-16**

**Date Collected: 03/25/14 08:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Aluminum</b>	<b>69.8</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Arsenic</b>	<b>17.5</b>		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Barium</b>	<b>17.9</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:48	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Calcium</b>	<b>359000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Cadmium</b>	<b>1.4</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Cobalt</b>	<b>26.9</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:48	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Copper</b>	<b>4.1</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Iron</b>	<b>124000</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Potassium</b>	<b>4330</b>	<b>J</b>	5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Magnesium</b>	<b>20700</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Manganese</b>	<b>1660</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Sodium</b>	<b>47900</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Nickel</b>	<b>24.9</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:48	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Antimony</b>	<b>4.4</b>	<b>J</b>	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Selenium</b>	<b>3.3</b>	<b>J</b>	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 18:24	1
<b>Thallium</b>	<b>1.8</b>	<b>J B</b>	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Zinc</b>	<b>1730</b>		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:48	1
<b>Vanadium</b>	<b>3.4</b>	<b>J</b>	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:20	1



# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E\_MW-E07F\_0314**

**Lab Sample ID: 480-56590-17**

Date Collected: 03/25/14 09:20

Matrix: Ground Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Aluminum</b>	<b>50.4</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Arsenic</b>	<b>28.7</b>		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Barium</b>	<b>11.0</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:53	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Calcium</b>	<b>155000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Cadmium</b>	<b>0.41</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Cobalt</b>	<b>5.5</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:53	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Copper</b>	<b>2.6</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Iron</b>	<b>62800</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Potassium</b>	<b>9170</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Magnesium</b>	<b>15100</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Manganese</b>	<b>256</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Sodium</b>	<b>21000</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Nickel</b>	<b>3.1</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:53	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Antimony</b>	<b>4.7</b>	<b>J</b>	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Selenium</b>	<b>2.0</b>	<b>J</b>	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 18:29	1
<b>Thallium</b>	<b>2.2</b>	<b>J B</b>	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Zinc</b>	<b>61.2</b>		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:53	1
<b>Vanadium</b>	<b>1.9</b>	<b>J</b>	50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:26	1

# Client Sample Results

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_ARERA E\_RFI-51F\_0314**

**Lab Sample ID: 480-56590-18**

Date Collected: 03/25/14 10:00

Matrix: Ground Water

Date Received: 03/25/14 17:30

**Method: 6010C - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Aluminum</b>	<b>54.9</b>	<b>J B</b>	200	41.7	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Arsenic</b>	<b>581</b>		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Barium</b>	<b>12.6</b>	<b>J B</b>	200	0.19	ug/L		04/02/14 09:25	04/10/14 07:58	1
Beryllium	ND		4.0	0.27	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Calcium</b>	<b>369000</b>	<b>B</b>	5000	14.1	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Cadmium</b>	<b>0.20</b>	<b>J</b>	5.0	0.17	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Cobalt</b>	<b>1.1</b>	<b>J</b>	50.0	0.39	ug/L		04/02/14 09:25	04/10/14 07:58	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Copper</b>	<b>2.1</b>	<b>J</b>	25.0	0.85	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Iron</b>	<b>23900</b>	<b>B</b>	100	5.3	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Potassium</b>	<b>13400</b>		5000	40.5	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Magnesium</b>	<b>44900</b>	<b>B</b>	5000	10.9	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Manganese</b>	<b>760</b>	<b>B</b>	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Sodium</b>	<b>54200</b>	<b>B</b>	5000	21.0	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Nickel</b>	<b>1.3</b>	<b>J B</b>	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 07:58	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Antimony</b>	<b>5.2</b>	<b>J</b>	10.0	2.5	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Selenium</b>	<b>2.2</b>	<b>J</b>	10.0	1.7	ug/L		04/02/14 09:25	04/11/14 18:34	1
<b>Thallium</b>	<b>2.6</b>	<b>J B</b>	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 07:58	1
<b>Zinc</b>	<b>10.6</b>	<b>J</b>	20.0	6.0	ug/L		04/02/14 09:25	04/10/14 07:58	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 07:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 12:28	1

# Surrogate Summary

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

TestAmerica Job ID: 480-56590-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-56590-1	BBC_AREA E R-10_0314	106	99	103
480-56590-8	BBC_AREA E RFI-PZ-16_0314	107	97	102
480-56590-9	BCC_AREA E MW-E03_0314	111	97	102
480-56590-14	BCC_AREA E RFI-17D_0314	107	96	101

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-56590-2	BBC_AREA E R-11_0314	110	99	104
480-56590-3	BBC_AREA E RFI-17_0314	107	99	102
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	107	106	104
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	107	107	103
480-56590-4	BBC_AREA E RFI-29_0314	108	97	101
480-56590-5	BBC_AREA E RFI-32_0314	109	102	104
480-56590-5 - DL	BBC_AREA E RFI-32_0314	110	101	102
480-56590-6	BBC_AREA E RFI-33_0314	106	100	105
480-56590-7	BBC_AREA E RFI-51_0314	108	99	103
480-56590-10	BCC_AREA E MW-E04_0314	107	100	101
480-56590-11	BCC_AREA E MW-E05_0314	107	99	102
480-56590-12	BCC_AREA E MW-E06_0314	106	99	102
480-56590-13	BCC_AREA E MW-E07_0314	111	99	103
LCS 480-172483/4	Lab Control Sample	108	106	103
LCS 480-172661/4	Lab Control Sample	108	103	102
MB 480-172483/6	Method Blank	108	100	104
MB 480-172661/6	Method Blank	108	98	104

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-56590-1	BBC_AREA E R-10_0314	103	82	40	70	28	72
480-56590-8	BBC_AREA E RFI-PZ-16_0314	105	77	40	63	28	79
480-56590-9	BCC_AREA E MW-E03_0314	100	72	36	54	28	73
480-56590-14	BCC_AREA E RFI-17D_0314	110	72	36	56	27	93

TestAmerica Buffalo

# Surrogate Summary

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

TestAmerica Job ID: 480-56590-1

## Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-56590-2	BBC_AREA E R-11_0314	109	90	47	81	33	64 X
480-56590-3	BBC_AREA E RFI-17_0314	101	81	41	73	29	78
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	105	87	42	75	31	75
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	103	89	48	81	33	75
480-56590-4	BBC_AREA E RFI-29_0314	101	81	42	73	31	75
480-56590-5	BBC_AREA E RFI-32_0314	84	72	43	65	29	41 X
480-56590-6	BBC_AREA E RFI-33_0314	101	80	44	72	31	67
480-56590-7	BBC_AREA E RFI-51_0314	96	78	38	69	30	79
480-56590-10	BCC_AREA E MW-E04_0314	111	100	46	77	32	92
480-56590-11	BCC_AREA E MW-E05_0314	88	76	33	59	24	64 X
480-56590-12	BCC_AREA E MW-E06_0314	93	69	30	54	22	58 X
480-56590-13	BCC_AREA E MW-E07_0314	94	73	38	58	27	61 X
LCS 480-172167/2-A	Lab Control Sample	107	88	47	77	34	98
MB 480-172167/1-A	Method Blank	95	86	48	78	33	97

## Surrogate Legend

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

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: MB 480-172483/6**

**Matrix: Water**

**Analysis Batch: 172483**

**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			03/28/14 10:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 10:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 10:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 10:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 10:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 10:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 10:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 10:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 10:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 10:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 10:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 10:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 10:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 10:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 10:19	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 10:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 10:19	1
Acetone	ND		10	3.0	ug/L			03/28/14 10:19	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 10:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 10:19	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 10:19	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 10:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 10:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 10:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 10:19	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 10:19	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 10:19	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 10:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 10:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 10:19	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 10:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 10:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 10:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 10:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 10:19	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 10:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 10:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 10:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 10:19	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 10:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 10:19	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 10:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 10:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 10:19	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 10:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 10:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 10:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 10:19	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: MB 480-172483/6**

**Matrix: Water**

**Analysis Batch: 172483**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/28/14 10:19	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/28/14 10:19	1
Toluene-d8 (Surr)	104		71 - 126		03/28/14 10:19	1

**Lab Sample ID: LCS 480-172483/4**

**Matrix: Water**

**Analysis Batch: 172483**

**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	23.4		ug/L		94	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.4		ug/L		118	52 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	71 - 129
1,1-Dichloroethene	25.0	21.3		ug/L		85	58 - 121
1,2,4-Trichlorobenzene	25.0	27.9		ug/L		112	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.3		ug/L		101	56 - 134
1,2-Dibromoethane	25.0	24.9		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	25.9		ug/L		104	75 - 127
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	25.1		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	75 - 120
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		99	71 - 125
Acetone	125	132		ug/L		106	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.0		ug/L		100	80 - 122
Bromoform	25.0	22.8		ug/L		91	52 - 132
Bromomethane	25.0	26.1		ug/L		104	55 - 144
Carbon disulfide	25.0	19.7		ug/L		79	59 - 134
Carbon tetrachloride	25.0	27.3		ug/L		109	72 - 134
Chlorobenzene	25.0	24.5		ug/L		98	72 - 120
Chloroethane	25.0	27.5		ug/L		110	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	28.2		ug/L		113	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		99	74 - 124
Cyclohexane	25.0	19.6		ug/L		78	59 - 135
Dibromochloromethane	24.5	23.6		ug/L		96	75 - 125
Dichlorodifluoromethane	25.0	21.1		ug/L		84	59 - 135
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Isopropylbenzene	25.0	23.9		ug/L		95	77 - 122
Methyl acetate	125	125		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		102	64 - 127
Methylcyclohexane	25.0	24.3		ug/L		97	61 - 138

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: LCS 480-172483/4**

**Matrix: Water**

**Analysis Batch: 172483**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.6		ug/L		98	57 - 132
Styrene	25.0	25.6		ug/L		103	70 - 130
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	23.8		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	26.6		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	24.1		ug/L		96	72 - 123
Trichloroethene	25.0	26.1		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	27.9		ug/L		112	62 - 152
Vinyl chloride	25.0	25.9		ug/L		104	65 - 133
Xylenes, Total	50.0	48.9		ug/L		98	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		66 - 137
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	103		71 - 126

**Lab Sample ID: 480-56590-3 MS**

**Matrix: Water**

**Analysis Batch: 172483**

**Client Sample ID: BBC\_AREA E RFI-17 MS\_0314**

**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	29.8		ug/L		119	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	25.1		ug/L		101	70 - 126
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.9		ug/L		115	52 - 148
1,1,2-Trichloroethane	ND		25.0	26.7		ug/L		107	76 - 122
1,1-Dichloroethane	ND		25.0	26.4		ug/L		105	71 - 129
1,1-Dichloroethene	ND		25.0	23.6		ug/L		94	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	29.9		ug/L		120	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	24.9		ug/L		100	56 - 134
1,2-Dibromoethane	ND		25.0	26.7		ug/L		107	77 - 120
1,2-Dichlorobenzene	ND		25.0	28.3		ug/L		113	80 - 124
1,2-Dichloroethane	ND		25.0	28.0		ug/L		112	75 - 127
1,2-Dichloropropane	ND		25.0	27.6		ug/L		110	76 - 120
1,3-Dichlorobenzene	ND		25.0	28.7		ug/L		115	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.7		ug/L		111	75 - 120
2-Butanone (MEK)	ND		125	121		ug/L		97	57 - 140
2-Hexanone	ND		125	120		ug/L		96	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	123		ug/L		98	71 - 125
Acetone	ND		125	120		ug/L		96	56 - 142
Benzene	ND		25.0	28.4		ug/L		114	71 - 124
Bromodichloromethane	ND		25.0	27.0		ug/L		108	80 - 122
Bromoform	ND		25.0	22.6		ug/L		90	52 - 132
Bromomethane	ND		25.0	31.3		ug/L		125	55 - 144
Carbon disulfide	ND		25.0	22.9		ug/L		92	59 - 134
Carbon tetrachloride	ND		25.0	26.2		ug/L		105	72 - 134
Chlorobenzene	ND		25.0	27.2		ug/L		109	72 - 120
Chloroethane	ND		25.0	34.8	F1	ug/L		139	69 - 136

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: 480-56590-3 MS**

**Matrix: Water**

**Analysis Batch: 172483**

**Client Sample ID: BBC\_AREA E RFI-17 MS\_0314**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloroform	ND		25.0	28.1		ug/L		112	73 - 127
Chloromethane	ND		25.0	32.7	F1	ug/L		131	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.1		ug/L		108	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	74 - 124
Cyclohexane	ND		25.0	22.2		ug/L		89	59 - 135
Dibromochloromethane	ND		24.5	24.9		ug/L		102	75 - 125
Dichlorodifluoromethane	ND		25.0	24.5		ug/L		98	59 - 135
Ethylbenzene	ND		25.0	28.2		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	27.4		ug/L		110	77 - 122
Methyl acetate	ND		125	108		ug/L		86	74 - 133
Methyl tert-butyl ether	ND		25.0	26.7		ug/L		107	64 - 127
Methylcyclohexane	ND		25.0	27.8		ug/L		111	61 - 138
Methylene Chloride	ND		25.0	27.3		ug/L		109	57 - 132
Styrene	ND		25.0	27.0		ug/L		108	70 - 130
Tetrachloroethene	ND		25.0	29.4		ug/L		118	74 - 122
Toluene	ND		25.0	27.1		ug/L		108	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.8		ug/L		123	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.2		ug/L		97	72 - 123
Trichloroethene	ND		25.0	28.9		ug/L		116	74 - 123
Trichlorofluoromethane	ND		25.0	34.1		ug/L		136	62 - 152
Vinyl chloride	ND		25.0	30.3		ug/L		121	65 - 133
Xylenes, Total	ND		50.0	55.1		ug/L		110	76 - 122

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	104		71 - 126

**Lab Sample ID: 480-56590-3 MSD**

**Matrix: Water**

**Analysis Batch: 172483**

**Client Sample ID: BBC\_AREA E RFI-17 MSD\_0314**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	28.8		ug/L		115	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.2		ug/L		97	70 - 126	4	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	33.5		ug/L		134	52 - 148	15	20
1,1,2-Trichloroethane	ND		25.0	25.8		ug/L		103	76 - 122	3	15
1,1-Dichloroethane	ND		25.0	25.5		ug/L		102	71 - 129	3	20
1,1-Dichloroethene	ND		25.0	26.0		ug/L		104	58 - 121	10	16
1,2,4-Trichlorobenzene	ND		25.0	29.1		ug/L		116	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.5		ug/L		98	56 - 134	2	15
1,2-Dibromoethane	ND		25.0	26.1		ug/L		104	77 - 120	2	15
1,2-Dichlorobenzene	ND		25.0	26.8		ug/L		107	80 - 124	5	20
1,2-Dichloroethane	ND		25.0	26.7		ug/L		107	75 - 127	5	20
1,2-Dichloropropane	ND		25.0	26.3		ug/L		105	76 - 120	5	20
1,3-Dichlorobenzene	ND		25.0	26.8		ug/L		107	77 - 120	7	20
1,4-Dichlorobenzene	ND		25.0	26.3		ug/L		105	75 - 120	5	20

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: 480-56590-3 MSD**

**Client Sample ID: BBC\_AREA E RFI-17 MSD\_0314**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 172483**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2-Butanone (MEK)	ND		125	119		ug/L		95	57 - 140	2	20
2-Hexanone	ND		125	123		ug/L		98	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	124		ug/L		99	71 - 125	1	35
Acetone	ND		125	120		ug/L		96	56 - 142	0	15
Benzene	ND		25.0	27.2		ug/L		109	71 - 124	4	13
Bromodichloromethane	ND		25.0	26.0		ug/L		104	80 - 122	4	15
Bromoform	ND		25.0	22.6		ug/L		91	52 - 132	0	15
Bromomethane	ND		25.0	31.7		ug/L		127	55 - 144	1	15
Carbon disulfide	ND		25.0	20.9		ug/L		84	59 - 134	9	15
Carbon tetrachloride	ND		25.0	27.0		ug/L		108	72 - 134	3	15
Chlorobenzene	ND		25.0	26.4		ug/L		106	72 - 120	3	25
Chloroethane	ND		25.0	34.9	F1	ug/L		140	69 - 136	0	15
Chloroform	ND		25.0	26.8		ug/L		107	73 - 127	5	20
Chloromethane	ND		25.0	32.8	F1	ug/L		131	68 - 124	0	15
cis-1,2-Dichloroethene	ND		25.0	26.2		ug/L		105	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	74 - 124	2	15
Cyclohexane	ND		25.0	22.0		ug/L		88	59 - 135	1	20
Dibromochloromethane	ND		24.5	25.0		ug/L		102	75 - 125	0	15
Dichlorodifluoromethane	ND		25.0	24.1		ug/L		96	59 - 135	2	20
Ethylbenzene	ND		25.0	27.1		ug/L		109	77 - 123	4	15
Isopropylbenzene	ND		25.0	25.8		ug/L		103	77 - 122	6	20
Methyl acetate	ND		125	106		ug/L		85	74 - 133	2	20
Methyl tert-butyl ether	ND		25.0	26.2		ug/L		105	64 - 127	2	37
Methylcyclohexane	ND		25.0	26.3		ug/L		105	61 - 138	6	20
Methylene Chloride	ND		25.0	26.5		ug/L		106	57 - 132	3	15
Styrene	ND		25.0	26.4		ug/L		106	70 - 130	2	20
Tetrachloroethene	ND		25.0	28.4		ug/L		114	74 - 122	4	20
Toluene	ND		25.0	26.1		ug/L		104	80 - 122	4	15
trans-1,2-Dichloroethene	ND		25.0	29.8		ug/L		119	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	23.8		ug/L		95	72 - 123	1	15
Trichloroethene	ND		25.0	27.7		ug/L		111	74 - 123	4	16
Trichlorofluoromethane	ND		25.0	33.5		ug/L		134	62 - 152	2	20
Vinyl chloride	ND		25.0	30.5		ug/L		122	65 - 133	1	15
Xylenes, Total	ND		50.0	53.5		ug/L		107	76 - 122	3	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	103		71 - 126

**Lab Sample ID: MB 480-172661/6**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 172661**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/14 22:30	1
1,1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/14 22:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/14 22:30	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

Lab Sample ID: MB 480-172661/6

Matrix: Water

Analysis Batch: 172661

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/14 22:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/14 22:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/14 22:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/14 22:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/14 22:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/14 22:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/14 22:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/14 22:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/14 22:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/14 22:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/14 22:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/14 22:30	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/14 22:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/14 22:30	1
Acetone	ND		10	3.0	ug/L			03/28/14 22:30	1
Benzene	ND		1.0	0.41	ug/L			03/28/14 22:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/14 22:30	1
Bromoform	ND		1.0	0.26	ug/L			03/28/14 22:30	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/14 22:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/14 22:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/14 22:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/14 22:30	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/14 22:30	1
Chloroform	ND		1.0	0.34	ug/L			03/28/14 22:30	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/14 22:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/14 22:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/14 22:30	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/14 22:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/14 22:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/14 22:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/14 22:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/14 22:30	1
Methyl acetate	ND		2.5	0.50	ug/L			03/28/14 22:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/14 22:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/14 22:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/14 22:30	1
Styrene	ND		1.0	0.73	ug/L			03/28/14 22:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/14 22:30	1
Toluene	ND		1.0	0.51	ug/L			03/28/14 22:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/14 22:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/14 22:30	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/14 22:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/14 22:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/14 22:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/14 22:30	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/28/14 22:30	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: MB 480-172661/6**

**Matrix: Water**

**Analysis Batch: 172661**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	98		73 - 120		03/28/14 22:30	1
Toluene-d8 (Surr)	104		71 - 126		03/28/14 22:30	1

**Lab Sample ID: LCS 480-172661/4**

**Matrix: Water**

**Analysis Batch: 172661**

**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	23.3		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.8		ug/L		91	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.6		ug/L		114	52 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	23.6		ug/L		94	71 - 129
1,1-Dichloroethene	25.0	22.3		ug/L		89	58 - 121
1,2,4-Trichlorobenzene	25.0	27.9		ug/L		112	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	24.4		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	25.5		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	24.2		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		99	75 - 120
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
2-Hexanone	125	118		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		95	71 - 125
Acetone	125	124		ug/L		100	56 - 142
Benzene	25.0	24.6		ug/L		99	71 - 124
Bromodichloromethane	25.0	24.3		ug/L		97	80 - 122
Bromoform	25.0	21.4		ug/L		86	52 - 132
Bromomethane	25.0	26.6		ug/L		106	55 - 144
Carbon disulfide	25.0	20.9		ug/L		83	59 - 134
Carbon tetrachloride	25.0	22.8		ug/L		91	72 - 134
Chlorobenzene	25.0	24.6		ug/L		98	72 - 120
Chloroethane	25.0	27.7		ug/L		111	69 - 136
Chloroform	25.0	24.6		ug/L		98	73 - 127
Chloromethane	25.0	27.1		ug/L		108	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	23.9		ug/L		96	74 - 124
Cyclohexane	25.0	18.9		ug/L		75	59 - 135
Dibromochloromethane	24.5	23.3		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	20.0		ug/L		80	59 - 135
Ethylbenzene	25.0	25.1		ug/L		100	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	125	118		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	64 - 127
Methylcyclohexane	25.0	23.2		ug/L		93	61 - 138
Methylene Chloride	25.0	24.7		ug/L		99	57 - 132

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: LCS 480-172661/4**

**Matrix: Water**

**Analysis Batch: 172661**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	25.0	25.1		ug/L		100	70 - 130
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	26.8		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	72 - 123
Trichloroethene	25.0	26.0		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	26.9		ug/L		107	62 - 152
Vinyl chloride	25.0	24.7		ug/L		99	65 - 133
Xylenes, Total	50.0	49.3		ug/L		99	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	102		71 - 126

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

**Lab Sample ID: MB 480-172167/1-A**

**Matrix: Water**

**Analysis Batch: 172638**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 172167**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/27/14 06:14	03/29/14 00:06	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/27/14 06:14	03/29/14 00:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/27/14 06:14	03/29/14 00:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/27/14 06:14	03/29/14 00:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/27/14 06:14	03/29/14 00:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/27/14 06:14	03/29/14 00:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/27/14 06:14	03/29/14 00:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/27/14 06:14	03/29/14 00:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/27/14 06:14	03/29/14 00:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/27/14 06:14	03/29/14 00:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/27/14 06:14	03/29/14 00:06	1
2-Nitroaniline	ND		10	0.42	ug/L		03/27/14 06:14	03/29/14 00:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/27/14 06:14	03/29/14 00:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/27/14 06:14	03/29/14 00:06	1
3-Nitroaniline	ND		10	0.48	ug/L		03/27/14 06:14	03/29/14 00:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/27/14 06:14	03/29/14 00:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/27/14 06:14	03/29/14 00:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/27/14 06:14	03/29/14 00:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/27/14 06:14	03/29/14 00:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/27/14 06:14	03/29/14 00:06	1
4-Methylphenol	ND		10	0.36	ug/L		03/27/14 06:14	03/29/14 00:06	1
4-Nitroaniline	ND		10	0.25	ug/L		03/27/14 06:14	03/29/14 00:06	1
4-Nitrophenol	ND		10	1.5	ug/L		03/27/14 06:14	03/29/14 00:06	1
Acenaphthene	ND		5.0	0.41	ug/L		03/27/14 06:14	03/29/14 00:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/27/14 06:14	03/29/14 00:06	1
Acetophenone	ND		5.0	0.54	ug/L		03/27/14 06:14	03/29/14 00:06	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

Lab Sample ID: MB 480-172167/1-A

Matrix: Water

Analysis Batch: 172638

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 172167

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		03/27/14 06:14	03/29/14 00:06	1
Anthracene	ND		5.0	0.28	ug/L		03/27/14 06:14	03/29/14 00:06	1
Atrazine	ND		5.0	0.46	ug/L		03/27/14 06:14	03/29/14 00:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/27/14 06:14	03/29/14 00:06	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/27/14 06:14	03/29/14 00:06	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/27/14 06:14	03/29/14 00:06	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/27/14 06:14	03/29/14 00:06	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/27/14 06:14	03/29/14 00:06	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/27/14 06:14	03/29/14 00:06	1
Biphenyl	ND		5.0	0.65	ug/L		03/27/14 06:14	03/29/14 00:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/27/14 06:14	03/29/14 00:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/27/14 06:14	03/29/14 00:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/27/14 06:14	03/29/14 00:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		03/27/14 06:14	03/29/14 00:06	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		03/27/14 06:14	03/29/14 00:06	1
Caprolactam	ND		5.0	2.2	ug/L		03/27/14 06:14	03/29/14 00:06	1
Carbazole	ND		5.0	0.30	ug/L		03/27/14 06:14	03/29/14 00:06	1
Chrysene	ND		5.0	0.33	ug/L		03/27/14 06:14	03/29/14 00:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/27/14 06:14	03/29/14 00:06	1
Dibenzofuran	ND		10	0.51	ug/L		03/27/14 06:14	03/29/14 00:06	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/27/14 06:14	03/29/14 00:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/27/14 06:14	03/29/14 00:06	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/27/14 06:14	03/29/14 00:06	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/27/14 06:14	03/29/14 00:06	1
Fluoranthene	ND		5.0	0.40	ug/L		03/27/14 06:14	03/29/14 00:06	1
Fluorene	ND		5.0	0.36	ug/L		03/27/14 06:14	03/29/14 00:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/27/14 06:14	03/29/14 00:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/27/14 06:14	03/29/14 00:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/27/14 06:14	03/29/14 00:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/27/14 06:14	03/29/14 00:06	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/27/14 06:14	03/29/14 00:06	1
Isophorone	ND		5.0	0.43	ug/L		03/27/14 06:14	03/29/14 00:06	1
Naphthalene	ND		5.0	0.76	ug/L		03/27/14 06:14	03/29/14 00:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/27/14 06:14	03/29/14 00:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/27/14 06:14	03/29/14 00:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/27/14 06:14	03/29/14 00:06	1
Pentachlorophenol	ND		10	2.2	ug/L		03/27/14 06:14	03/29/14 00:06	1
Phenanthrene	ND		5.0	0.44	ug/L		03/27/14 06:14	03/29/14 00:06	1
Phenol	ND		5.0	0.39	ug/L		03/27/14 06:14	03/29/14 00:06	1
Pyrene	ND		5.0	0.34	ug/L		03/27/14 06:14	03/29/14 00:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		52 - 132	03/27/14 06:14	03/29/14 00:06	1
2-Fluorobiphenyl	86		48 - 120	03/27/14 06:14	03/29/14 00:06	1
2-Fluorophenol	48		20 - 120	03/27/14 06:14	03/29/14 00:06	1
Nitrobenzene-d5	78		46 - 120	03/27/14 06:14	03/29/14 00:06	1
Phenol-d5	33		16 - 120	03/27/14 06:14	03/29/14 00:06	1
p-Terphenyl-d14	97		67 - 150	03/27/14 06:14	03/29/14 00:06	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: LCS 480-172167/2-A**

**Matrix: Water**

**Analysis Batch: 172638**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 172167**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	100	101		ug/L		101	65 - 126
2,4,6-Trichlorophenol	100	96.7		ug/L		97	64 - 120
2,4-Dichlorophenol	100	91.4		ug/L		91	64 - 120
2,4-Dimethylphenol	100	80.7		ug/L		81	57 - 120
2,4-Dinitrophenol	200	216		ug/L		108	42 - 153
2,4-Dinitrotoluene	100	101		ug/L		101	65 - 154
2,6-Dinitrotoluene	100	100		ug/L		100	74 - 134
2-Chloronaphthalene	100	86.8		ug/L		87	41 - 124
2-Chlorophenol	100	75.4		ug/L		75	48 - 120
2-Methylnaphthalene	100	83.5		ug/L		84	34 - 122
2-Methylphenol	100	71.5		ug/L		72	39 - 120
2-Nitroaniline	100	89.0		ug/L		89	67 - 136
2-Nitrophenol	100	91.2		ug/L		91	59 - 120
3,3'-Dichlorobenzidine	100	86.3		ug/L		86	33 - 140
3-Nitroaniline	100	86.6	*	ug/L		87	28 - 86
4,6-Dinitro-2-methylphenol	200	210		ug/L		105	64 - 159
4-Bromophenyl phenyl ether	100	100		ug/L		100	71 - 126
4-Chloro-3-methylphenol	100	90.0		ug/L		90	64 - 120
4-Chloroaniline	100	75.3		ug/L		75	10 - 77
4-Chlorophenyl phenyl ether	100	98.0		ug/L		98	71 - 122
4-Methylphenol	100	67.5		ug/L		68	39 - 120
4-Nitroaniline	100	93.8		ug/L		94	47 - 113
4-Nitrophenol	200	92.4		ug/L		46	16 - 120
Acenaphthene	100	87.6		ug/L		88	60 - 120
Acenaphthylene	100	89.9		ug/L		90	63 - 120
Acetophenone	100	77.2		ug/L		77	45 - 120
Aniline	100	53.2		ug/L		53	37 - 120
Anthracene	100	96.3		ug/L		96	58 - 148
Atrazine	100	80.5		ug/L		80	56 - 179
Benzaldehyde	100	39.6		ug/L		40	30 - 140
Benzo(a)anthracene	100	98.0		ug/L		98	55 - 151
Benzo(a)pyrene	100	99.3		ug/L		99	60 - 145
Benzo(b)fluoranthene	100	94.1		ug/L		94	54 - 140
Benzo(g,h,i)perylene	100	117		ug/L		117	66 - 152
Benzo(k)fluoranthene	100	106		ug/L		106	51 - 153
Biphenyl	100	87.6		ug/L		88	30 - 140
bis (2-chloroisopropyl) ether	100	73.0		ug/L		73	28 - 136
Bis(2-chloroethoxy)methane	100	85.9		ug/L		86	50 - 128
Bis(2-chloroethyl)ether	100	78.1		ug/L		78	51 - 120
Bis(2-ethylhexyl) phthalate	100	91.7		ug/L		92	53 - 158
Butyl benzyl phthalate	100	90.3		ug/L		90	58 - 163
Caprolactam	100	18.5		ug/L		19	14 - 56
Carbazole	100	99.4		ug/L		99	59 - 148
Chrysene	100	96.2		ug/L		96	69 - 140
Dibenz(a,h)anthracene	100	112		ug/L		112	57 - 148
Dibenzofuran	100	91.1		ug/L		91	49 - 137
Diethyl phthalate	100	95.4		ug/L		95	59 - 146
Dimethyl phthalate	100	94.4		ug/L		94	59 - 141

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: LCS 480-172167/2-A**

**Matrix: Water**

**Analysis Batch: 172638**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 172167**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	100	96.7		ug/L		97	58 - 149
Di-n-octyl phthalate	100	92.5		ug/L		93	55 - 167
Fluoranthene	100	101		ug/L		101	55 - 147
Fluorene	100	93.5		ug/L		93	55 - 143
Hexachlorobenzene	100	105		ug/L		105	14 - 108
Hexachlorobutadiene	100	64.9		ug/L		65	14 - 108
Hexachlorocyclopentadiene	100	78.1		ug/L		78	13 - 119
Hexachloroethane	100	45.9		ug/L		46	14 - 101
Indeno(1,2,3-cd)pyrene	100	109		ug/L		109	69 - 146
Isophorone	100	82.8		ug/L		83	48 - 133
Naphthalene	100	74.6		ug/L		75	35 - 117
Nitrobenzene	100	76.8		ug/L		77	45 - 123
N-Nitrosodi-n-propylamine	100	77.8		ug/L		78	56 - 120
N-Nitrosodiphenylamine	100	102		ug/L		102	25 - 125
Pentachlorophenol	200	212		ug/L		106	39 - 136
Phenanthrene	100	97.2		ug/L		97	57 - 147
Phenol	100	34.7		ug/L		35	17 - 120
Pyrene	100	91.6		ug/L		92	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	107		52 - 132
2-Fluorobiphenyl	88		48 - 120
2-Fluorophenol	47		20 - 120
Nitrobenzene-d5	77		46 - 120
Phenol-d5	34		16 - 120
p-Terphenyl-d14	98		67 - 150

**Lab Sample ID: 480-56590-3 MS**

**Matrix: Water**

**Analysis Batch: 172638**

**Client Sample ID: BBC\_AREA E RFI-17 MS\_0314**

**Prep Type: Total/NA**

**Prep Batch: 172167**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		96.6	100		ug/L		104	65 - 126
2,4,6-Trichlorophenol	ND		96.6	95.8		ug/L		99	64 - 120
2,4-Dichlorophenol	ND		96.6	86.0		ug/L		89	64 - 120
2,4-Dimethylphenol	ND		96.6	75.3		ug/L		78	57 - 120
2,4-Dinitrophenol	ND		193	199		ug/L		103	42 - 153
2,4-Dinitrotoluene	ND		96.6	98.5		ug/L		102	62 - 148
2,6-Dinitrotoluene	ND		96.6	98.1		ug/L		102	65 - 154
2-Chloronaphthalene	ND		96.6	85.3		ug/L		88	41 - 124
2-Chlorophenol	ND		96.6	67.6		ug/L		70	48 - 120
2-Methylnaphthalene	ND		96.6	77.0		ug/L		80	34 - 122
2-Methylphenol	ND		96.6	65.0		ug/L		67	39 - 120
2-Nitroaniline	ND		96.6	87.1		ug/L		90	67 - 136
2-Nitrophenol	ND		96.6	84.1		ug/L		87	59 - 120
3,3'-Dichlorobenzidine	ND		96.6	78.7		ug/L		82	33 - 140
3-Nitroaniline	ND *		96.6	84.3		ug/L		87	69 - 129
4,6-Dinitro-2-methylphenol	ND		193	193		ug/L		100	64 - 159

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

Lab Sample ID: 480-56590-3 MS

Matrix: Water

Analysis Batch: 172638

Client Sample ID: BBC\_AREA E RFI-17 MS\_0314

Prep Type: Total/NA

Prep Batch: 172167

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Bromophenyl phenyl ether	ND		96.6	96.4		ug/L		100	71 - 126
4-Chloro-3-methylphenol	ND		96.6	85.0		ug/L		88	64 - 120
4-Chloroaniline	ND		96.6	68.8		ug/L		71	60 - 124
4-Chlorophenyl phenyl ether	ND		96.6	95.3		ug/L		99	48 - 145
4-Methylphenol	ND		96.6	60.1		ug/L		62	36 - 120
4-Nitroaniline	ND		96.6	92.8		ug/L		96	64 - 135
4-Nitrophenol	ND		193	90.7		ug/L		47	16 - 120
Acenaphthene	ND		96.6	86.1		ug/L		89	60 - 120
Acenaphthylene	ND		96.6	86.3		ug/L		89	63 - 120
Acetophenone	ND		96.6	72.5		ug/L		75	45 - 120
Aniline	ND		96.6	48.1		ug/L		50	37 - 120
Anthracene	ND		96.6	93.2		ug/L		96	58 - 148
Atrazine	ND		96.6	75.4		ug/L		78	56 - 179
Benzaldehyde	ND		96.6	34.3		ug/L		36	30 - 140
Benzo(a)anthracene	ND		96.6	91.5		ug/L		95	55 - 151
Benzo(a)pyrene	ND		96.6	95.8		ug/L		99	60 - 145
Benzo(b)fluoranthene	ND		96.6	111		ug/L		115	54 - 140
Benzo(g,h,i)perylene	ND		96.6	66.2		ug/L		69	66 - 152
Benzo(k)fluoranthene	ND		96.6	103		ug/L		106	51 - 153
Biphenyl	ND		96.6	83.5		ug/L		87	30 - 140
bis(2-chloroisopropyl) ether	ND		96.6	66.3		ug/L		69	28 - 136
Bis(2-chloroethoxy)methane	ND		96.6	78.9		ug/L		82	50 - 128
Bis(2-chloroethyl)ether	ND		96.6	71.2		ug/L		74	51 - 120
Bis(2-ethylhexyl) phthalate	ND		96.6	77.7		ug/L		80	53 - 158
Butyl benzyl phthalate	ND		96.6	78.1		ug/L		81	58 - 163
Caprolactam	ND		96.6	15.7	F1	ug/L		16	30 - 140
Carbazole	ND		96.6	96.7		ug/L		100	59 - 148
Chrysene	ND		96.6	90.3		ug/L		94	69 - 140
Dibenz(a,h)anthracene	ND		96.6	68.3		ug/L		71	57 - 158
Dibenzofuran	ND		96.6	90.0		ug/L		93	49 - 137
Diethyl phthalate	ND		96.6	93.8		ug/L		97	59 - 146
Dimethyl phthalate	ND		96.6	92.7		ug/L		96	59 - 141
Di-n-butyl phthalate	ND		96.6	93.1		ug/L		96	58 - 149
Di-n-octyl phthalate	ND		96.6	85.0		ug/L		88	55 - 167
Fluoranthene	ND		96.6	99.9		ug/L		103	55 - 147
Fluorene	ND		96.6	92.9		ug/L		96	55 - 143
Hexachlorobenzene	ND		96.6	98.1		ug/L		102	38 - 131
Hexachlorobutadiene	ND		96.6	59.2		ug/L		61	14 - 108
Hexachlorocyclopentadiene	ND		96.6	70.0		ug/L		72	13 - 119
Hexachloroethane	ND		96.6	39.0		ug/L		40	14 - 101
Indeno(1,2,3-cd)pyrene	ND		96.6	69.0		ug/L		71	69 - 146
Isophorone	ND		96.6	76.5		ug/L		79	48 - 133
Naphthalene	0.75	J	96.6	67.9		ug/L		70	35 - 117
Nitrobenzene	ND		96.6	70.3		ug/L		73	45 - 123
N-Nitrosodi-n-propylamine	ND		96.6	72.2		ug/L		75	56 - 120
N-Nitrosodiphenylamine	ND		96.6	100		ug/L		104	25 - 125
Pentachlorophenol	ND		193	203		ug/L		105	39 - 136
Phenanthrene	ND		96.6	94.2		ug/L		98	57 - 147

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: 480-56590-3 MS**

**Matrix: Water**

**Analysis Batch: 172638**

**Client Sample ID: BBC\_AREA E RFI-17 MS\_0314**

**Prep Type: Total/NA**

**Prep Batch: 172167**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Phenol	ND		96.6	30.4		ug/L		32	17 - 120
Pyrene	ND		96.6	77.4		ug/L		80	58 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	105		52 - 132
2-Fluorobiphenyl	87		48 - 120
2-Fluorophenol	42		20 - 120
Nitrobenzene-d5	75		46 - 120
Phenol-d5	31		16 - 120
p-Terphenyl-d14	75		67 - 150

**Lab Sample ID: 480-56590-3 MSD**

**Matrix: Water**

**Analysis Batch: 172638**

**Client Sample ID: BBC\_AREA E RFI-17 MSD\_0314**

**Prep Type: Total/NA**

**Prep Batch: 172167**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
2,4,5-Trichlorophenol	ND		96.5	98.8		ug/L		102	65 - 126	1	18
2,4,6-Trichlorophenol	ND		96.5	97.6		ug/L		101	64 - 120	2	19
2,4-Dichlorophenol	ND		96.5	90.9		ug/L		94	64 - 120	5	19
2,4-Dimethylphenol	ND		96.5	80.8		ug/L		84	57 - 120	7	42
2,4-Dinitrophenol	ND		193	193		ug/L		100	42 - 153	3	22
2,4-Dinitrotoluene	ND		96.5	100		ug/L		104	62 - 148	2	20
2,6-Dinitrotoluene	ND		96.5	96.4		ug/L		100	65 - 154	2	15
2-Chloronaphthalene	ND		96.5	85.0		ug/L		88	41 - 124	0	21
2-Chlorophenol	ND		96.5	74.3		ug/L		77	48 - 120	10	25
2-Methylnaphthalene	ND		96.5	81.7		ug/L		85	34 - 122	6	21
2-Methylphenol	ND		96.5	70.9		ug/L		73	39 - 120	9	27
2-Nitroaniline	ND		96.5	86.0		ug/L		89	67 - 136	1	15
2-Nitrophenol	ND		96.5	90.6		ug/L		94	59 - 120	7	18
3,3'-Dichlorobenzidine	ND		96.5	84.1		ug/L		87	33 - 140	7	25
3-Nitroaniline	ND	*	96.5	83.6		ug/L		87	69 - 129	1	19
4,6-Dinitro-2-methylphenol	ND		193	189		ug/L		98	64 - 159	2	15
4-Bromophenyl phenyl ether	ND		96.5	96.5		ug/L		100	71 - 126	0	15
4-Chloro-3-methylphenol	ND		96.5	89.1		ug/L		92	64 - 120	5	27
4-Chloroaniline	ND		96.5	73.0		ug/L		76	60 - 124	6	22
4-Chlorophenyl phenyl ether	ND		96.5	93.1		ug/L		97	48 - 145	2	16
4-Methylphenol	ND		96.5	66.1		ug/L		68	36 - 120	10	24
4-Nitroaniline	ND		96.5	89.5		ug/L		93	64 - 135	4	24
4-Nitrophenol	ND		193	89.1		ug/L		46	16 - 120	2	48
Acenaphthene	ND		96.5	86.9		ug/L		90	60 - 120	1	24
Acenaphthylene	ND		96.5	86.0		ug/L		89	63 - 120	0	18
Acetophenone	ND		96.5	78.2		ug/L		81	45 - 120	8	20
Aniline	ND		96.5	55.0		ug/L		57	37 - 120	13	30
Anthracene	ND		96.5	90.1		ug/L		93	58 - 148	3	15
Atrazine	ND		96.5	74.1		ug/L		77	56 - 179	2	20
Benzaldehyde	ND		96.5	38.2		ug/L		40	30 - 140	11	20
Benzo(a)anthracene	ND		96.5	94.2		ug/L		98	55 - 151	3	15
Benzo(a)pyrene	ND		96.5	94.6		ug/L		98	60 - 145	1	15

TestAmerica Buffalo

## QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

Lab Sample ID: 480-56590-3 MSD

Matrix: Water

Analysis Batch: 172638

Client Sample ID: BBC\_AREA E RFI-17 MSD\_0314

Prep Type: Total/NA

Prep Batch: 172167

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzo(b)fluoranthene	ND		96.5	110		ug/L		114	54 - 140	1	15
Benzo(g,h,i)perylene	ND		96.5	68.2		ug/L		71	66 - 152	3	15
Benzo(k)fluoranthene	ND		96.5	101		ug/L		105	51 - 153	1	22
Biphenyl	ND		96.5	84.8		ug/L		88	30 - 140	2	20
bis(2-chloroisopropyl) ether	ND		96.5	72.8		ug/L		75	28 - 136	9	24
Bis(2-chloroethoxy)methane	ND		96.5	86.3		ug/L		89	50 - 128	9	17
Bis(2-chloroethyl)ether	ND		96.5	78.7		ug/L		82	51 - 120	10	21
Bis(2-ethylhexyl) phthalate	ND		96.5	79.3		ug/L		82	53 - 158	2	15
Butyl benzyl phthalate	ND		96.5	81.7		ug/L		85	58 - 163	5	16
Caprolactam	ND		96.5	15.8	F1	ug/L		16	30 - 140	1	20
Carbazole	ND		96.5	89.7		ug/L		93	59 - 148	8	20
Chrysene	ND		96.5	92.2		ug/L		96	69 - 140	2	15
Dibenz(a,h)anthracene	ND		96.5	70.0		ug/L		73	57 - 158	3	15
Dibenzofuran	ND		96.5	91.1		ug/L		94	49 - 137	1	15
Diethyl phthalate	ND		96.5	92.2		ug/L		96	59 - 146	2	15
Dimethyl phthalate	ND		96.5	91.1		ug/L		94	59 - 141	2	15
Di-n-butyl phthalate	ND		96.5	90.0		ug/L		93	58 - 149	3	15
Di-n-octyl phthalate	ND		96.5	86.8		ug/L		90	55 - 167	2	16
Fluoranthene	ND		96.5	97.9		ug/L		101	55 - 147	2	15
Fluorene	ND		96.5	90.5		ug/L		94	55 - 143	3	15
Hexachlorobenzene	ND		96.5	95.2		ug/L		99	38 - 131	3	15
Hexachlorobutadiene	ND		96.5	63.2		ug/L		66	14 - 108	7	44
Hexachlorocyclopentadiene	ND		96.5	73.2		ug/L		76	13 - 119	5	49
Hexachloroethane	ND		96.5	42.8		ug/L		44	14 - 101	9	46
Indeno(1,2,3-cd)pyrene	ND		96.5	69.4		ug/L		72	69 - 146	1	15
Isophorone	ND		96.5	82.6		ug/L		86	48 - 133	8	17
Naphthalene	0.75	J	96.5	73.3		ug/L		75	35 - 117	8	29
Nitrobenzene	ND		96.5	77.3		ug/L		80	45 - 123	9	24
N-Nitrosodi-n-propylamine	ND		96.5	77.7		ug/L		81	56 - 120	7	31
N-Nitrosodiphenylamine	ND		96.5	95.6		ug/L		99	25 - 125	5	15
Pentachlorophenol	ND		193	197		ug/L		102	39 - 136	3	37
Phenanthrene	ND		96.5	89.6		ug/L		93	57 - 147	5	15
Phenol	ND		96.5	32.9		ug/L		34	17 - 120	8	34
Pyrene	ND		96.5	78.5		ug/L		81	58 - 136	1	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	103		52 - 132
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol	48		20 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	33		16 - 120
p-Terphenyl-d14	75		67 - 150

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

## Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 180-101417/1-A**  
**Matrix: Water**  
**Analysis Batch: 102386**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 101417**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.340	J	5.0	0.27	ug/L		04/02/14 09:25	04/10/14 05:39	1
Aluminum	61.94	J	200	41.7	ug/L		04/02/14 09:25	04/10/14 05:39	1
Arsenic	ND		10.0	3.0	ug/L		04/02/14 09:25	04/10/14 05:39	1
Barium	0.370	J	200	0.19	ug/L		04/02/14 09:25	04/10/14 05:39	1
Beryllium	0.290	J	4.0	0.27	ug/L		04/02/14 09:25	04/10/14 05:39	1
Calcium	72.11	J	5000	14.1	ug/L		04/02/14 09:25	04/10/14 05:39	1
Cadmium	ND		5.0	0.17	ug/L		04/02/14 09:25	04/10/14 05:39	1
Cobalt	ND		50.0	0.39	ug/L		04/02/14 09:25	04/10/14 05:39	1
Chromium	ND		5.0	1.0	ug/L		04/02/14 09:25	04/10/14 05:39	1
Copper	ND		25.0	0.85	ug/L		04/02/14 09:25	04/10/14 05:39	1
Iron	31.70	J	100	5.3	ug/L		04/02/14 09:25	04/10/14 05:39	1
Potassium	ND		5000	40.5	ug/L		04/02/14 09:25	04/10/14 05:39	1
Magnesium	61.31	J	5000	10.9	ug/L		04/02/14 09:25	04/10/14 05:39	1
Manganese	0.390	J	15.0	0.094	ug/L		04/02/14 09:25	04/10/14 05:39	1
Sodium	45.83	J	5000	21.0	ug/L		04/02/14 09:25	04/10/14 05:39	1
Nickel	0.980	J	40.0	0.49	ug/L		04/02/14 09:25	04/10/14 05:39	1
Lead	ND		10.0	1.5	ug/L		04/02/14 09:25	04/10/14 05:39	1
Antimony	ND		10.0	2.5	ug/L		04/02/14 09:25	04/10/14 05:39	1
Thallium	2.34	J	20.0	1.5	ug/L		04/02/14 09:25	04/10/14 05:39	1
Zinc	ND		20.0	6.0	ug/L		04/02/14 09:25	04/10/14 05:39	1
Vanadium	ND		50.0	1.1	ug/L		04/02/14 09:25	04/10/14 05:39	1

**Lab Sample ID: MB 180-101417/1-A**  
**Matrix: Water**  
**Analysis Batch: 102571**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 101417**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		10.0	1.7	ug/L		04/02/14 09:25	04/11/14 16:20	1

**Lab Sample ID: LCS 180-101417/2-A**  
**Matrix: Water**  
**Analysis Batch: 102386**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 101417**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	56.08		ug/L		112	80 - 120
Aluminum	2000	2122		ug/L		106	80 - 120
Arsenic	500	558.9		ug/L		112	80 - 120
Barium	2000	2167		ug/L		108	80 - 120
Beryllium	50.0	51.04		ug/L		102	80 - 120
Calcium	50000	51310		ug/L		103	80 - 120
Cadmium	50.0	52.24		ug/L		104	80 - 120
Cobalt	500	533.0		ug/L		107	80 - 120
Chromium	200	209.2		ug/L		105	80 - 120
Copper	250	253.7		ug/L		101	80 - 120
Iron	1000	1093		ug/L		109	80 - 120
Potassium	50000	51590		ug/L		103	80 - 120
Magnesium	50000	52820		ug/L		106	80 - 120
Manganese	500	518.3		ug/L		104	80 - 120

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: LCS 180-101417/2-A**  
**Matrix: Water**  
**Analysis Batch: 102386**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 101417**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	50000	54610		ug/L		109	80 - 120
Nickel	500	541.9		ug/L		108	80 - 120
Lead	500	536.2		ug/L		107	80 - 120
Antimony	500	554.1		ug/L		111	80 - 120
Thallium	500	535.2		ug/L		107	80 - 120
Zinc	500	530.4		ug/L		106	80 - 120
Vanadium	500	539.4		ug/L		108	80 - 120

**Lab Sample ID: LCS 180-101417/2-A**  
**Matrix: Water**  
**Analysis Batch: 102571**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 101417**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	500	529.9		ug/L		106	80 - 120

**Lab Sample ID: 480-56590-3 MS**  
**Matrix: Water**  
**Analysis Batch: 102386**

**Client Sample ID: BBC\_AREA E RFI-17 MS\_0314**  
**Prep Type: Total Recoverable**  
**Prep Batch: 101417**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		50.0	57.44		ug/L		115	75 - 125
Aluminum	ND		2000	2200		ug/L		110	75 - 125
Arsenic	ND		500	574.7		ug/L		115	75 - 125
Barium	29.1	J B	2000	2207		ug/L		109	75 - 125
Beryllium	ND		50.0	51.43		ug/L		103	75 - 125
Calcium	191000	B	50000	246700		ug/L		111	75 - 125
Cadmium	0.20	J	50.0	52.01		ug/L		104	75 - 125
Cobalt	ND		500	540.1		ug/L		108	75 - 125
Chromium	1.4	J	200	211.5		ug/L		105	75 - 125
Copper	2.5	J	250	258.1		ug/L		102	75 - 125
Iron	15.5	J B	1000	1104		ug/L		109	75 - 125
Potassium	1360	J	50000	54820		ug/L		107	75 - 125
Magnesium	26200	B	50000	81350		ug/L		110	75 - 125
Manganese	0.65	J B	500	521.1		ug/L		104	75 - 125
Sodium	13300	B	50000	69260		ug/L		112	75 - 125
Nickel	2.9	J B	500	546.5		ug/L		109	75 - 125
Lead	ND		500	541.4		ug/L		108	75 - 125
Antimony	4.3	J	500	569.5		ug/L		113	75 - 125
Thallium	2.8	J B	500	529.8		ug/L		105	75 - 125
Zinc	ND		500	527.1		ug/L		105	75 - 125
Vanadium	ND		500	544.7		ug/L		109	75 - 125

**Lab Sample ID: 480-56590-3 MS**  
**Matrix: Water**  
**Analysis Batch: 102571**

**Client Sample ID: BBC\_AREA E RFI-17 MS\_0314**  
**Prep Type: Total Recoverable**  
**Prep Batch: 101417**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	3.9	J	500	563.4		ug/L		112	75 - 125

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

**Lab Sample ID: 480-56590-3 MSD**

**Matrix: Water**

**Analysis Batch: 102386**

**Client Sample ID: BBC\_AREA E RFI-17 MSD\_0314**

**Prep Type: Total Recoverable**

**Prep Batch: 101417**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Silver	ND		50.0	56.41		ug/L		113	75 - 125	2	20	
Aluminum	ND		2000	2091		ug/L		105	75 - 125	5	20	
Arsenic	ND		500	559.3		ug/L		112	75 - 125	3	20	
Barium	29.1	J B	2000	2173		ug/L		107	75 - 125	2	20	
Beryllium	ND		50.0	49.61		ug/L		99	75 - 125	4	20	
Calcium	191000	B	50000	231500		ug/L		80	75 - 125	6	20	
Cadmium	0.20	J	50.0	50.96		ug/L		102	75 - 125	2	20	
Cobalt	ND		500	528.9		ug/L		106	75 - 125	2	20	
Chromium	1.4	J	200	206.7		ug/L		103	75 - 125	2	20	
Copper	2.5	J	250	249.0		ug/L		99	75 - 125	4	20	
Iron	15.5	J B	1000	1071		ug/L		106	75 - 125	3	20	
Potassium	1360	J	50000	52380		ug/L		102	75 - 125	5	20	
Magnesium	26200	B	50000	77970		ug/L		103	75 - 125	4	20	
Manganese	0.65	J B	500	509.1		ug/L		102	75 - 125	2	20	
Sodium	13300	B	50000	66730		ug/L		107	75 - 125	4	20	
Nickel	2.9	J B	500	535.1		ug/L		106	75 - 125	2	20	
Lead	ND		500	528.8		ug/L		106	75 - 125	2	20	
Antimony	4.3	J	500	550.5		ug/L		109	75 - 125	3	20	
Thallium	2.8	J B	500	514.0		ug/L		102	75 - 125	3	20	
Zinc	ND		500	519.1		ug/L		104	75 - 125	2	20	
Vanadium	ND		500	532.2		ug/L		106	75 - 125	2	20	

**Lab Sample ID: 480-56590-3 MSD**

**Matrix: Water**

**Analysis Batch: 102571**

**Client Sample ID: BBC\_AREA E RFI-17 MSD\_0314**

**Prep Type: Total Recoverable**

**Prep Batch: 101417**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Selenium	3.9	J	500	540.5		ug/L		107	75 - 125	4	20	

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 180-102102/1-A**

**Matrix: Water**

**Analysis Batch: 102193**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 102102**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.20	0.038	ug/L		04/09/14 07:13	04/09/14 11:41	1

**Lab Sample ID: LCS 180-102102/2-A**

**Matrix: Water**

**Analysis Batch: 102193**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 102102**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Mercury	2.50	2.43		ug/L		97	80 - 120	

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-56590-1

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

Lab Sample ID: 480-56590-3 MS

Matrix: Water

Analysis Batch: 102193

Client Sample ID: BBC\_AREA E RFI-17 MS\_0314

Prep Type: Total/NA

Prep Batch: 102102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	ND		1.00	0.953		ug/L		95	75 - 125

Lab Sample ID: 480-56590-3 MSD

Matrix: Water

Analysis Batch: 102193

Client Sample ID: BBC\_AREA E RFI-17 MSD\_0314

Prep Type: Total/NA

Prep Batch: 102102

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	ND		1.00	0.944		ug/L		94	75 - 125	1	20

# QC Association Summary

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

TestAmerica Job ID: 480-56590-1

## GC/MS VOA

### Analysis Batch: 172483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total/NA	Ground Water	8260C	
480-56590-2	BBC_AREA E R-11_0314	Total/NA	Water	8260C	
480-56590-3	BBC_AREA E RFI-17_0314	Total/NA	Water	8260C	
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total/NA	Water	8260C	
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total/NA	Water	8260C	
480-56590-4	BBC_AREA E RFI-29_0314	Total/NA	Water	8260C	
480-56590-5	BBC_AREA E RFI-32_0314	Total/NA	Water	8260C	
480-56590-6	BBC_AREA E RFI-33_0314	Total/NA	Water	8260C	
480-56590-7	BBC_AREA E RFI-51_0314	Total/NA	Water	8260C	
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total/NA	Ground Water	8260C	
480-56590-9	BCC_AREA E MW-E03_0314	Total/NA	Ground Water	8260C	
480-56590-10	BCC_AREA E MW-E04_0314	Total/NA	Water	8260C	
480-56590-11	BCC_AREA E MW-E05_0314	Total/NA	Water	8260C	
480-56590-12	BCC_AREA E MW-E06_0314	Total/NA	Water	8260C	
480-56590-13	BCC_AREA E MW-E07_0314	Total/NA	Water	8260C	
480-56590-14	BCC_AREA E RFI-17D_0314	Total/NA	Ground Water	8260C	
LCS 480-172483/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-172483/6	Method Blank	Total/NA	Water	8260C	

### Analysis Batch: 172661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-5 - DL	BBC_AREA E RFI-32_0314	Total/NA	Water	8260C	
LCS 480-172661/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-172661/6	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 172167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total/NA	Ground Water	3510C	
480-56590-2	BBC_AREA E R-11_0314	Total/NA	Water	3510C	
480-56590-3	BBC_AREA E RFI-17_0314	Total/NA	Water	3510C	
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total/NA	Water	3510C	
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total/NA	Water	3510C	
480-56590-4	BBC_AREA E RFI-29_0314	Total/NA	Water	3510C	
480-56590-5	BBC_AREA E RFI-32_0314	Total/NA	Water	3510C	
480-56590-6	BBC_AREA E RFI-33_0314	Total/NA	Water	3510C	
480-56590-7	BBC_AREA E RFI-51_0314	Total/NA	Water	3510C	
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total/NA	Ground Water	3510C	
480-56590-9	BCC_AREA E MW-E03_0314	Total/NA	Ground Water	3510C	
480-56590-10	BCC_AREA E MW-E04_0314	Total/NA	Water	3510C	
480-56590-11	BCC_AREA E MW-E05_0314	Total/NA	Water	3510C	
480-56590-12	BCC_AREA E MW-E06_0314	Total/NA	Water	3510C	
480-56590-13	BCC_AREA E MW-E07_0314	Total/NA	Water	3510C	
480-56590-14	BCC_AREA E RFI-17D_0314	Total/NA	Ground Water	3510C	
LCS 480-172167/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-172167/1-A	Method Blank	Total/NA	Water	3510C	

# QC Association Summary

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

TestAmerica Job ID: 480-56590-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 172638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total/NA	Ground Water	8270D	172167
480-56590-2	BBC_AREA E R-11_0314	Total/NA	Water	8270D	172167
480-56590-3	BBC_AREA E RFI-17_0314	Total/NA	Water	8270D	172167
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total/NA	Water	8270D	172167
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total/NA	Water	8270D	172167
480-56590-4	BBC_AREA E RFI-29_0314	Total/NA	Water	8270D	172167
480-56590-5	BBC_AREA E RFI-32_0314	Total/NA	Water	8270D	172167
480-56590-6	BBC_AREA E RFI-33_0314	Total/NA	Water	8270D	172167
LCS 480-172167/2-A	Lab Control Sample	Total/NA	Water	8270D	172167
MB 480-172167/1-A	Method Blank	Total/NA	Water	8270D	172167

### Analysis Batch: 172806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-7	BBC_AREA E RFI-51_0314	Total/NA	Water	8270D	172167
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total/NA	Ground Water	8270D	172167
480-56590-9	BCC_AREA E MW-E03_0314	Total/NA	Ground Water	8270D	172167
480-56590-10	BCC_AREA E MW-E04_0314	Total/NA	Water	8270D	172167
480-56590-11	BCC_AREA E MW-E05_0314	Total/NA	Water	8270D	172167
480-56590-12	BCC_AREA E MW-E06_0314	Total/NA	Water	8270D	172167
480-56590-13	BCC_AREA E MW-E07_0314	Total/NA	Water	8270D	172167
480-56590-14	BCC_AREA E RFI-17D_0314	Total/NA	Ground Water	8270D	172167

## Metals

### Prep Batch: 101417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total Recoverable	Ground Water	3005A	
480-56590-2	BBC_AREA E R-11_0314	Total Recoverable	Water	3005A	
480-56590-3	BBC_AREA E RFI-17_0314	Total Recoverable	Water	3005A	
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total Recoverable	Water	3005A	
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total Recoverable	Water	3005A	
480-56590-4	BBC_AREA E RFI-29_0314	Total Recoverable	Water	3005A	
480-56590-5	BBC_AREA E RFI-32_0314	Total Recoverable	Water	3005A	
480-56590-6	BBC_AREA E RFI-33_0314	Total Recoverable	Water	3005A	
480-56590-7	BBC_AREA E RFI-51_0314	Total Recoverable	Water	3005A	
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total Recoverable	Ground Water	3005A	
480-56590-9	BCC_AREA E MW-E03_0314	Total Recoverable	Ground Water	3005A	
480-56590-10	BCC_AREA E MW-E04_0314	Total Recoverable	Water	3005A	
480-56590-11	BCC_AREA E MW-E05_0314	Total Recoverable	Water	3005A	
480-56590-12	BCC_AREA E MW-E06_0314	Total Recoverable	Water	3005A	
480-56590-13	BCC_AREA E MW-E07_0314	Total Recoverable	Water	3005A	
480-56590-14	BCC_AREA E RFI-17D_0314	Total Recoverable	Ground Water	3005A	
480-56590-15	BCC_AREA R10F_0314	Total Recoverable	Ground Water	3005A	
480-56590-16	BCC_AREA E_MWE06F_0314	Total Recoverable	Ground Water	3005A	
480-56590-17	BCC_AREA E_MW-E07F_0314	Total Recoverable	Ground Water	3005A	
480-56590-18	BCC_ARERA E_RFI-51F_0314	Total Recoverable	Ground Water	3005A	
LCS 180-101417/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 180-101417/1-A	Method Blank	Total Recoverable	Water	3005A	

TestAmerica Buffalo



# QC Association Summary

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

TestAmerica Job ID: 480-56590-1

## Metals (Continued)

### Prep Batch: 102102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total/NA	Ground Water	7470A	
480-56590-2	BBC_AREA E R-11_0314	Total/NA	Water	7470A	
480-56590-3	BBC_AREA E RFI-17_0314	Total/NA	Water	7470A	
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total/NA	Water	7470A	
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total/NA	Water	7470A	
480-56590-4	BBC_AREA E RFI-29_0314	Total/NA	Water	7470A	
480-56590-5	BBC_AREA E RFI-32_0314	Total/NA	Water	7470A	
480-56590-6	BBC_AREA E RFI-33_0314	Total/NA	Water	7470A	
480-56590-7	BBC_AREA E RFI-51_0314	Total/NA	Water	7470A	
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total/NA	Ground Water	7470A	
480-56590-9	BCC_AREA E MW-E03_0314	Total/NA	Ground Water	7470A	
480-56590-10	BCC_AREA E MW-E04_0314	Total/NA	Water	7470A	
480-56590-11	BCC_AREA E MW-E05_0314	Total/NA	Water	7470A	
480-56590-12	BCC_AREA E MW-E06_0314	Total/NA	Water	7470A	
480-56590-13	BCC_AREA E MW-E07_0314	Total/NA	Water	7470A	
480-56590-14	BCC_AREA E RFI-17D_0314	Total/NA	Ground Water	7470A	
480-56590-15	BCC_AREA R10F_0314	Total/NA	Ground Water	7470A	
480-56590-16	BCC_AREA E_MWE06F_0314	Total/NA	Ground Water	7470A	
480-56590-17	BCC_AREA E_MW-E07F_0314	Total/NA	Ground Water	7470A	
480-56590-18	BCC_ARERA E_RFI-51F_0314	Total/NA	Ground Water	7470A	
LCS 180-102102/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 180-102102/1-A	Method Blank	Total/NA	Water	7470A	

### Analysis Batch: 102193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total/NA	Ground Water	7470A	102102
480-56590-2	BBC_AREA E R-11_0314	Total/NA	Water	7470A	102102
480-56590-3	BBC_AREA E RFI-17_0314	Total/NA	Water	7470A	102102
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total/NA	Water	7470A	102102
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total/NA	Water	7470A	102102
480-56590-4	BBC_AREA E RFI-29_0314	Total/NA	Water	7470A	102102
480-56590-5	BBC_AREA E RFI-32_0314	Total/NA	Water	7470A	102102
480-56590-6	BBC_AREA E RFI-33_0314	Total/NA	Water	7470A	102102
480-56590-7	BBC_AREA E RFI-51_0314	Total/NA	Water	7470A	102102
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total/NA	Ground Water	7470A	102102
480-56590-9	BCC_AREA E MW-E03_0314	Total/NA	Ground Water	7470A	102102
480-56590-10	BCC_AREA E MW-E04_0314	Total/NA	Water	7470A	102102
480-56590-11	BCC_AREA E MW-E05_0314	Total/NA	Water	7470A	102102
480-56590-12	BCC_AREA E MW-E06_0314	Total/NA	Water	7470A	102102
480-56590-13	BCC_AREA E MW-E07_0314	Total/NA	Water	7470A	102102
480-56590-14	BCC_AREA E RFI-17D_0314	Total/NA	Ground Water	7470A	102102
480-56590-15	BCC_AREA R10F_0314	Total/NA	Ground Water	7470A	102102
480-56590-16	BCC_AREA E_MWE06F_0314	Total/NA	Ground Water	7470A	102102
480-56590-17	BCC_AREA E_MW-E07F_0314	Total/NA	Ground Water	7470A	102102
480-56590-18	BCC_ARERA E_RFI-51F_0314	Total/NA	Ground Water	7470A	102102
LCS 180-102102/2-A	Lab Control Sample	Total/NA	Water	7470A	102102
MB 180-102102/1-A	Method Blank	Total/NA	Water	7470A	102102

### Analysis Batch: 102386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total Recoverable	Ground Water	6010C	101417

TestAmerica Buffalo

# QC Association Summary

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

TestAmerica Job ID: 480-56590-1

## Metals (Continued)

### Analysis Batch: 102386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-2	BBC_AREA E R-11_0314	Total Recoverable	Water	6010C	101417
480-56590-3	BBC_AREA E RFI-17_0314	Total Recoverable	Water	6010C	101417
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total Recoverable	Water	6010C	101417
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total Recoverable	Water	6010C	101417
480-56590-4	BBC_AREA E RFI-29_0314	Total Recoverable	Water	6010C	101417
480-56590-5	BBC_AREA E RFI-32_0314	Total Recoverable	Water	6010C	101417
480-56590-6	BBC_AREA E RFI-33_0314	Total Recoverable	Water	6010C	101417
480-56590-7	BBC_AREA E RFI-51_0314	Total Recoverable	Water	6010C	101417
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-9	BCC_AREA E MW-E03_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-10	BCC_AREA E MW-E04_0314	Total Recoverable	Water	6010C	101417
480-56590-11	BCC_AREA E MW-E05_0314	Total Recoverable	Water	6010C	101417
480-56590-12	BCC_AREA E MW-E06_0314	Total Recoverable	Water	6010C	101417
480-56590-13	BCC_AREA E MW-E07_0314	Total Recoverable	Water	6010C	101417
480-56590-14	BCC_AREA E RFI-17D_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-15	BCC_AREA R10F_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-16	BCC_AREA E_MWE06F_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-17	BCC_AREA E_MW-E07F_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-18	BCC_ARERA E_RFI-51F_0314	Total Recoverable	Ground Water	6010C	101417
LCS 180-101417/2-A	Lab Control Sample	Total Recoverable	Water	6010C	101417
MB 180-101417/1-A	Method Blank	Total Recoverable	Water	6010C	101417

### Analysis Batch: 102571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56590-1	BBC_AREA E R-10_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-2	BBC_AREA E R-11_0314	Total Recoverable	Water	6010C	101417
480-56590-3	BBC_AREA E RFI-17_0314	Total Recoverable	Water	6010C	101417
480-56590-3 MS	BBC_AREA E RFI-17 MS_0314	Total Recoverable	Water	6010C	101417
480-56590-3 MSD	BBC_AREA E RFI-17 MSD_0314	Total Recoverable	Water	6010C	101417
480-56590-4	BBC_AREA E RFI-29_0314	Total Recoverable	Water	6010C	101417
480-56590-5	BBC_AREA E RFI-32_0314	Total Recoverable	Water	6010C	101417
480-56590-6	BBC_AREA E RFI-33_0314	Total Recoverable	Water	6010C	101417
480-56590-7	BBC_AREA E RFI-51_0314	Total Recoverable	Water	6010C	101417
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-9	BCC_AREA E MW-E03_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-10	BCC_AREA E MW-E04_0314	Total Recoverable	Water	6010C	101417
480-56590-11	BCC_AREA E MW-E05_0314	Total Recoverable	Water	6010C	101417
480-56590-12	BCC_AREA E MW-E06_0314	Total Recoverable	Water	6010C	101417
480-56590-13	BCC_AREA E MW-E07_0314	Total Recoverable	Water	6010C	101417
480-56590-14	BCC_AREA E RFI-17D_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-15	BCC_AREA R10F_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-16	BCC_AREA E_MWE06F_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-17	BCC_AREA E_MW-E07F_0314	Total Recoverable	Ground Water	6010C	101417
480-56590-18	BCC_ARERA E_RFI-51F_0314	Total Recoverable	Ground Water	6010C	101417
LCS 180-101417/2-A	Lab Control Sample	Total Recoverable	Water	6010C	101417
MB 180-101417/1-A	Method Blank	Total Recoverable	Water	6010C	101417

# Lab Chronicle

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E R-10\_0314**

**Lab Sample ID: 480-56590-1**

**Date Collected: 03/24/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 14:12	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172638	03/29/14 02:30	AR1	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 16:30	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 05:49	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 11:45	JWS	TAL PIT

**Client Sample ID: BBC\_AREA E R-11\_0314**

**Lab Sample ID: 480-56590-2**

**Date Collected: 03/24/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 14:34	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172638	03/29/14 02:55	AR1	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 16:35	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 05:55	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 11:47	JWS	TAL PIT

**Client Sample ID: BBC\_AREA E RFI-17\_0314**

**Lab Sample ID: 480-56590-3**

**Date Collected: 03/24/14 11:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 14:55	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172638	03/29/14 04:07	AR1	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 16:40	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 06:00	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 11:49	JWS	TAL PIT

# Lab Chronicle

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-29\_0314**

**Lab Sample ID: 480-56590-4**

**Date Collected: 03/25/14 15:10**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 15:17	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172638	03/29/14 04:31	AR1	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:01	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 06:22	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 11:55	JWS	TAL PIT

**Client Sample ID: BBC\_AREA E RFI-32\_0314**

**Lab Sample ID: 480-56590-5**

**Date Collected: 03/25/14 13:15**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		250	172483	03/28/14 15:39	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	500	172661	03/28/14 23:28	RAL	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172638	03/29/14 04:55	AR1	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:06	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 06:27	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 11:57	JWS	TAL PIT

**Client Sample ID: BBC\_AREA E RFI-33\_0314**

**Lab Sample ID: 480-56590-6**

**Date Collected: 03/24/14 13:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 16:01	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172638	03/29/14 05:19	AR1	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:21	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 06:43	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 11:58	JWS	TAL PIT

# Lab Chronicle

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BBC\_AREA E RFI-51\_0314**

**Lab Sample ID: 480-56590-7**

**Date Collected: 03/24/14 10:00**

**Matrix: Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 16:23	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172806	03/31/14 10:19	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:27	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 06:49	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:04	JWS	TAL PIT

**Client Sample ID: BBC\_AREA E RFI-PZ-16\_0314**

**Lab Sample ID: 480-56590-8**

**Date Collected: 03/25/14 11:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 16:45	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172806	03/31/14 10:44	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:32	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 06:54	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:06	JWS	TAL PIT

**Client Sample ID: BCC\_AREA E MW-E03\_0314**

**Lab Sample ID: 480-56590-9**

**Date Collected: 03/25/14 14:15**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 17:06	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172806	03/31/14 12:32	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:37	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:00	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:08	JWS	TAL PIT

# Lab Chronicle

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E04\_0314**

**Lab Sample ID: 480-56590-10**

Date Collected: 03/24/14 10:10

Matrix: Water

Date Received: 03/25/14 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 17:28	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		20	172806	03/31/14 16:13	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:42	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:05	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:10	JWS	TAL PIT

**Client Sample ID: BCC\_AREA E MW-E05\_0314**

**Lab Sample ID: 480-56590-11**

Date Collected: 03/25/14 12:15

Matrix: Water

Date Received: 03/25/14 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 17:50	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172806	03/31/14 13:21	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:47	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:10	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:11	JWS	TAL PIT

**Client Sample ID: BCC\_AREA E MW-E06\_0314**

**Lab Sample ID: 480-56590-12**

Date Collected: 03/25/14 08:00

Matrix: Water

Date Received: 03/25/14 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 18:12	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172806	03/31/14 13:45	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:52	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:15	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:13	JWS	TAL PIT

# Lab Chronicle

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E MW-E07\_0314**

**Lab Sample ID: 480-56590-13**

Date Collected: 03/25/14 09:10

Matrix: Water

Date Received: 03/25/14 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 18:34	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172806	03/31/14 14:37	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 17:58	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:21	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:15	JWS	TAL PIT

**Client Sample ID: BCC\_AREA E RFI-17D\_0314**

**Lab Sample ID: 480-56590-14**

Date Collected: 03/24/14 11:30

Matrix: Ground Water

Date Received: 03/25/14 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	172483	03/28/14 18:56	GTG	TAL BUF
Total/NA	Prep	3510C			172167	03/27/14 06:14	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	172806	03/31/14 15:01	ANM	TAL BUF
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 18:03	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:26	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:17	JWS	TAL PIT

**Client Sample ID: BCC\_AREA R10F\_0314**

**Lab Sample ID: 480-56590-15**

Date Collected: 03/24/14 14:30

Matrix: Ground Water

Date Received: 03/25/14 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 18:08	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:31	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:19	JWS	TAL PIT

**Client Sample ID: BCC\_AREA E\_MWE06F\_0314**

**Lab Sample ID: 480-56590-16**

Date Collected: 03/25/14 08:30

Matrix: Ground Water

Date Received: 03/25/14 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT

TestAmerica Buffalo



# Lab Chronicle

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

TestAmerica Job ID: 480-56590-1

**Client Sample ID: BCC\_AREA E\_MWE06F\_0314**

**Lab Sample ID: 480-56590-16**

**Date Collected: 03/25/14 08:30**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010C		1	102571	04/11/14 18:24	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:48	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:20	JWS	TAL PIT

**Client Sample ID: BCC\_AREA E\_MW-E07F\_0314**

**Lab Sample ID: 480-56590-17**

**Date Collected: 03/25/14 09:20**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 18:29	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:53	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:26	JWS	TAL PIT

**Client Sample ID: BCC\_ARERA E\_RFI-51F\_0314**

**Lab Sample ID: 480-56590-18**

**Date Collected: 03/25/14 10:00**

**Matrix: Ground Water**

**Date Received: 03/25/14 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102571	04/11/14 18:34	RJR	TAL PIT
Total Recoverable	Prep	3005A			101417	04/02/14 09:25	CEH	TAL PIT
Total Recoverable	Analysis	6010C		1	102386	04/10/14 07:58	RJG	TAL PIT
Total/NA	Prep	7470A			102102	04/09/14 07:13	JWS	TAL PIT
Total/NA	Analysis	7470A		1	102193	04/09/14 12:28	JWS	TAL PIT

**Laboratory References:**

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

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



# Certification Summary

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

TestAmerica Job ID: 480-56590-1

## Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15
The following analytes are included in this report, but are not certified under this certification:				
Analysis Method	Prep Method	Matrix	Analyte	
8270D	3510C	Ground Water	2,4-Dichlorophenol	
8270D	3510C	Water	2,4-Dichlorophenol	

## Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-14
California	NELAP	9	4224CA	03-31-14 *
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-14
Illinois	NELAP	5	002602	06-30-14
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-14
New Hampshire	NELAP	1	203011	04-05-14 *
New Jersey	NELAP	2	PA005	06-30-14
New York	NELAP	2	11182	03-31-15
North Carolina DENR	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-14 *
South Carolina	State Program	4	89014	04-30-14 *
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	04-30-14 *
Virginia	NELAP	3	460189	09-14-14
West Virginia DEP	State Program	3	142	01-31-14 *
Wisconsin	State Program	5	998027800	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

# Method Summary

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

TestAmerica Job ID: 480-56590-1

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 PIT
7470A	Mercury (CVAA)	SW846	TAL PIT

**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 PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



# Sample Summary

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

TestAmerica Job ID: 480-56590-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56590-1	BBC_AREA E R-10_0314	Ground Water	03/24/14 14:15	03/25/14 17:30
480-56590-2	BBC_AREA E R-11_0314	Water	03/24/14 15:10	03/25/14 17:30
480-56590-3	BBC_AREA E RFI-17_0314	Water	03/24/14 11:15	03/25/14 17:30
480-56590-4	BBC_AREA E RFI-29_0314	Water	03/25/14 15:10	03/25/14 17:30
480-56590-5	BBC_AREA E RFI-32_0314	Water	03/25/14 13:15	03/25/14 17:30
480-56590-6	BBC_AREA E RFI-33_0314	Water	03/24/14 13:00	03/25/14 17:30
480-56590-7	BBC_AREA E RFI-51_0314	Water	03/24/14 10:00	03/25/14 17:30
480-56590-8	BBC_AREA E RFI-PZ-16_0314	Ground Water	03/25/14 11:30	03/25/14 17:30
480-56590-9	BCC_AREA E MW-E03_0314	Ground Water	03/25/14 14:15	03/25/14 17:30
480-56590-10	BCC_AREA E MW-E04_0314	Water	03/24/14 10:10	03/25/14 17:30
480-56590-11	BCC_AREA E MW-E05_0314	Water	03/25/14 12:15	03/25/14 17:30
480-56590-12	BCC_AREA E MW-E06_0314	Water	03/25/14 08:00	03/25/14 17:30
480-56590-13	BCC_AREA E MW-E07_0314	Water	03/25/14 09:10	03/25/14 17:30
480-56590-14	BCC_AREA E RFI-17D_0314	Ground Water	03/24/14 11:30	03/25/14 17:30
480-56590-15	BCC_AREA R10F_0314	Ground Water	03/24/14 14:30	03/25/14 17:30
480-56590-16	BCC_AREA E_MWE06F_0314	Ground Water	03/25/14 08:30	03/25/14 17:30
480-56590-17	BCC_AREA E_MW-E07F_0314	Ground Water	03/25/14 09:20	03/25/14 17:30
480-56590-18	BCC_ARERA E_RFI-51F_0314	Ground Water	03/25/14 10:00	03/25/14 17:30

TestAmerica Buffalo  
 10 Hazelwood Drive  
 Amherst, NY 14228  
 Phone: 716-564-9852 Fax: 716-691-7991

Chain of Custody Record

TestAmerica  
 THE LEADER IN ENVIRONMENTAL TESTING  
 TestAmerica Laboratories, Inc.

Ontario Specialty Contracting Inc. 333 Ganson Street Buffalo, NY, 14203 716-856-3333 716-842-1630 Project Name: Buffalo Color Area E Wells Site: HoneyWell Buffalo Color - C915232 EIM SITE ID - 37745 PO# 52954		Client Contact Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (W) W TAT <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Tom Wagner Lab Contact: Schove, John		Date: 3-25-14 Carrier: ESC	COC No. 180-3207-0314 Job No. 0913-OMM SDG No.
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Lab	Sample Specific Notes
BCC_Area E_R-10_0314	3/24/14	1445	G	W	6	8269B - T1C 4.3 ml (TLC VOC)	
BCC_Area E_R-11_0314	3/24/14	1510	G	W	6	6010B_370A (TAL Metals)	
BCC_Area E_R-17_0314	3/24/14	1115	G	W	6	8270C - (MID) T1C SVOA - 4.2 ml + analysis	
BCC_Area E_R-1-29_0314	3/25/14	1510	G	W	6		
BCC_Area E_R-1-32_0314	3/29/14	1315	G	W	6		
BCC_Area E_R-1-33_0314	3/24/14	1300	G	W	6		
BCC_Area E_R-1-51_0314	3/24/14	1000	G	W	6		
BCC_Area E_R-1-16_0314	3/25/14	1130	G	W	6		
BCC_Area E_MW-E03_0314	3/25/14	1415	G	W	6		
BCC_Area E_MW-E04_0314	3/24/14	1010	G	W	6		
BCC_Area E_MW-E05_0314	3/25/14	1315	G	W	6		
BCC_Area E_MW-E06_0314	3/25/14	0800	G	W	6		
BCC_Area E_MW-E07_0314	3/26/14	0910	G	W	6		
BCC_Area E_R-1-17_D_0314	3/24/14	1130	G	W	6		
BCC_Area E_R-1-17_MS_0314	3/24/14	1145	G	W	6		
BCC_Area E_R-1-17_MSD_0314	3/24/14	1200	G	W	6		
Trap Blank		N/A	N/A	W	2		
BLL-AREA-R10F-0314	3/24/14	1430					
BLL-AREA-E-MW-E06F-0314	3/25/14	0830					
BLL-AREA-E-MW-E07F-0314	3/25/14	0920					
BLL-AREA-E-R-1-51F-0314	3/25/14	1000					



\* Test Blank  
 PROBE - BONE

Container Volume (ml): 250, 2-V, 4-P, 1-A, 1000  
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month):  
 Return To Client  Disposal By Lab  Archive For  
 Months  
 Temp 4.8 50 3.9 #1

Container Code: A=Aluminum G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial  
 Relinquished by: Tom Wagner  
 Relinquished by: [Signature]  
 Received by: [Signature] Date/Time: 3/25/14 5:30  
 Company: [Signature]  
 Received by: [Signature] Date/Time: [Blank]  
 Company: [Signature]  
 Received by: [Signature] Date/Time: [Blank]  
 Company: [Signature] Date/Time: [Blank]



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-56590-1

**Login Number: 56590**

**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.	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.	True	Yes: Samples checked, no residual chlorine detected

## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-56590-1

Login Number: 56590

List Number: 1

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

List Creation: 03/27/14 10:00 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received and the COC.	True	
Samples are received within Holding Time.	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	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine 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: 480-62670-1

Client Project/Site: OSC- Former Buffalo Color Sites - 37745

Sampling Event: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

8/1/2014 5:16:27 PM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	6
Client Sample Results . . . . .	12
Surrogate Summary . . . . .	70
QC Sample Results . . . . .	72
QC Association Summary . . . . .	87
Lab Chronicle . . . . .	91
Certification Summary . . . . .	96
Method Summary . . . . .	97
Sample Summary . . . . .	98
Chain of Custody . . . . .	99
Receipt Checklists . . . . .	100



# Definitions/Glossary

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

TestAmerica Job ID: 480-62670-1

## Qualifiers

### GC/MS VOA

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

### GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the 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.
F1	MS and/or MSD Recovery exceeds the control limits
E	Result exceeded calibration range.
F2	MS/MSD RPD exceeds 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.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

## Glossary

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

# Case Narrative

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

TestAmerica Job ID: 480-62670-1

**Job ID: 480-62670-1**

**Laboratory: TestAmerica Buffalo**

## Narrative

### Job Narrative 480-62670-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/25/2014 4:14 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 4.4° C, 4.8° C, 5.0° C and 5.6° C.

#### GC/MS VOA

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32 0614 (480-62670-10). 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 laboratory control sample (LCS) for batch 189935 recovered outside control limits for the following analyte(s): 4-Nitroaniline and, 3-Nitroaniline. 4-Nitroaniline and, 3-Nitroaniline. has been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 194860 was outside the method criteria for the following analyte: 3-Nitroaniline. 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.

Method(s) 8270D: The following sample required a dilution due to the nature of the sample matrix: BCC Area E MW-E04 0614 (480-62670-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: BCC Area E MW-E03 D 0614 (480-62670-15). These results have been reported and qualified.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area E MW-E03 0614 (480-62670-1), BCC Area E MW-E03 0614 (480-62670-1 MS), BCC Area E MW-E03 0614 (480-62670-1 MSD), BCC Area E R-10 0614 (480-62670-6), BCC Area E R-11 0614 (480-62670-7), BCC Area E RFI-32 0614 (480-62670-10), BCC Area E RFI-33 0614 (480-62670-11), BCC Area E RFI-51 0614 (480-62670-12), BCC Area E RFI-PZ-16 0614 (480-62670-13). 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 Method Blank for batch 189943 contained total potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples BCC Area E MW-E03 0614 (480-62670-1), BCC Area E MW-E03 D 0614 (480-62670-15), BCC Area E MW-E04 0614 (480-62670-2), BCC Area E MW-E05 0614 (480-62670-3), BCC Area E MW-E06 0614 (480-62670-4), BCC Area E MW-E07 0614 (480-62670-5), BCC Area E R-10 0614 (480-62670-6), BCC Area E R-11 0614 (480-62670-7), BCC Area E RFI-17 0614 (480-62670-8), BCC Area E RFI-29 0614 (480-62670-9), BCC Area E RFI-32 0614 (480-62670-10), BCC Area E RFI-33 0614 (480-62670-11), BCC Area E RFI-51 0614 (480-62670-12), BCC Area E RFI-PZ-16 0614 (480-62670-13) was not performed.

Method(s) 6010C: The Serial Dilution (480-62670-1 SD) associated with batch 190574, exhibited results outside the quality control limits for total aluminium, barium, iron and potassium. However, the Post Digestion Spike was compliant so no corrective action was necessary.

# Case Narrative

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

TestAmerica Job ID: 480-62670-1

---

## Job ID: 480-62670-1 (Continued)

---

### Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010C: The Continuing Calibration Blank 480-190574/39 contained total iron above the reporting limit (RL). The associated sample(s) BCC Area E MW-E03 D 0614 (480-62670-15), BCC Area E MW-E04 0614 (480-62670-2), BCC Area E MW-E05 0614 (480-62670-3), BCC Area E MW-E06 0614 (480-62670-4), BCC Area E MW-E07 0614 (480-62670-5), BCC Area E R-10 0614 (480-62670-6), BCC Area E R-11 0614 (480-62670-7), BCC Area E RFI-32 0614 (480-62670-10), BCC Area E RFI-33 0614 (480-62670-11), BCC Area E RFI-51 0614 (480-62670-12), BCC Area E RFI-PZ-16 0614 (480-62670-13) contained detects for this analyte at concentrations greater than 10X the value found in the Continuing Calibration Blank; therefore, re-analysis of samples was not performed.

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

### Organic Prep

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



# Detection Summary

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

TestAmerica Job ID: 480-62670-1

## Client Sample ID: BCC Area E MW-E03 0614

## Lab Sample ID: 480-62670-1

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
Diethyl phthalate	0.26	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.35	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	1.8		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.096		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	170		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0033	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00076	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0043	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	19.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.077		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0040	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	23.3		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0032	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.014		0.010	0.0015	mg/L	1		6010C	Total/NA

## Client Sample ID: BCC Area E MW-E04 0614

## Lab Sample ID: 480-62670-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.7		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	5.8		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	1.2		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	3.4		1.0	0.75	ug/L	1		8260C	Total/NA
Toluene	3.1		1.0	0.51	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	4500		2500	220	ug/L	500		8270D	Total/NA
2,6-Dinitrotoluene	8600		2500	200	ug/L	500		8270D	Total/NA
Aluminum	0.71		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.063		0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.047		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00099	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	134		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0024	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0048		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.013		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.97	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	30.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.60		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	14.7		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	0.15		0.010	0.0015	mg/L	1		6010C	Total/NA

## Client Sample ID: BCC Area E MW-E05 0614

## Lab Sample ID: 480-62670-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	17		1.0	0.75	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-62670-1

### Client Sample ID: BCC Area E MW-E05 0614 (Continued)

Lab Sample ID: 480-62670-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.22	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Aluminum	0.72		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.049		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.010		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	111		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0093		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.12		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.80	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.025		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	10.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.11		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.019		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.8	B	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.013	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	60.9		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	3.4		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E MW-E06 0614

Lab Sample ID: 480-62670-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.24	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Aluminum	0.15	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.016		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.056		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	286		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0013	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.017		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0073	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	88.2	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0043	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.021		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	41.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	1.1		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E MW-E07 0614

Lab Sample ID: 480-62670-5

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
2,6-Dinitrotoluene	0.52	J	5.0	0.40	ug/L	1		8270D	Total/NA
Acenaphthene	9.2		5.0	0.41	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.22	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Pyrene	0.79	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	0.090	J	0.20	0.060	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-62670-1

### Client Sample ID: BCC Area E MW-E07 0614 (Continued)

### Lab Sample ID: 480-62670-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.052		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.017		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	105		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0031	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0047	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	36.4	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0088	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	11.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.17		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0041	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	9.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	30.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.033		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E R-10 0614

### Lab Sample ID: 480-62670-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	3.0	ug/L	1		8260C	Total/NA
Caprolactam	7.6		5.0	2.2	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.23	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	1.1	J	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.084		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	43.7		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0062	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	6.3	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	16.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.093		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0024	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	46.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.034		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E R-11 0614

### Lab Sample ID: 480-62670-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J	10	3.0	ug/L	1		8260C	Total/NA
Caprolactam	2.6	J	5.0	2.2	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.22	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.74	J	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.054		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	34.3		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	1.3	^	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	10.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.010		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	1.9	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	13.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	1.1		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-17 0614

### Lab Sample ID: 480-62670-8

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-62670-1

### Client Sample ID: BCC Area E RFI-17 0614 (Continued)

### Lab Sample ID: 480-62670-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.2		1.0	0.75	ug/L	1		8260C	Total/NA
Diethyl phthalate	0.23	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	175		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0020	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0017	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.068		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	23.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0042		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0029	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.4	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	11.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0044	J	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-29 0614

### Lab Sample ID: 480-62670-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.3		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	4.4		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	14		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.0095	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.11		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	61.7		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.084		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	9.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.070		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.1	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	143		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0017	J	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-32 0614

### Lab Sample ID: 480-62670-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	330	J	500	210	ug/L	500		8260C	Total/NA
Chlorobenzene	24000		500	380	ug/L	500		8260C	Total/NA
Methylene Chloride	410	J	500	220	ug/L	500		8260C	Total/NA
2-Chlorophenol	22		5.0	0.53	ug/L	1		8270D	Total/NA
Caprolactam	12		5.0	2.2	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.61	J	5.0	0.31	ug/L	1		8270D	Total/NA
Phenol	2.5	J	5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	0.24		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.027		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00052	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	167		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0054		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0022	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0074	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.7	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0034	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	64.5		0.20	0.043	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-62670-1

### Client Sample ID: BCC Area E RFI-32 0614 (Continued)

Lab Sample ID: 480-62670-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.88		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0071	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.3	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	51.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.020		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-33 0614

Lab Sample ID: 480-62670-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.23	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Aluminum	0.52		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.039		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0018	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	70.5		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.072		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0026	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0082	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.3	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0039	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	21.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.34		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.077		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.88	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	153		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	0.012		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-51 0614

Lab Sample ID: 480-62670-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.49		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.021		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00056	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	342		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0015	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00081	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0062	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	16.8	^	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	53.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0034	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	60.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0073	J	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-PZ-16 0614

Lab Sample ID: 480-62670-13

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

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



## Detection Summary

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

TestAmerica Job ID: 480-62670-1

### Client Sample ID: BCC Area E RFI-PZ-16 0614 (Continued)

Lab Sample ID: 480-62670-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.051		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	155		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0021	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0020	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0078	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.8	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0041	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	36.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.72		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0052	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	11.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.11		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: TRIP BLANK

Lab Sample ID: 480-62670-14

No Detections.

### Client Sample ID: BCC Area E MW-E03 D 0614

Lab Sample ID: 480-62670-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.32	J	5.0	0.27	ug/L	1		8270D	Total/NA
Aluminum	1.8		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.097		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	178		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0031	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00072	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0042	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	0.0045	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	20.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.081		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0038	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.4	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	24.1		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0033	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.014		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 0614**

**Lab Sample ID: 480-62670-1**

**Date Collected: 06/23/14 14:15**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 00:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 00:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 00:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 00:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 00:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 00:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 00:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 00:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 00:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 00:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 00:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 00:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 00:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 00:39	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 00:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 00:39	1
<b>Acetone</b>	<b>3.3</b>	<b>J</b>	10	3.0	ug/L			07/03/14 00:39	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 00:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 00:39	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 00:39	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 00:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 00:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 00:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 00:39	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 00:39	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 00:39	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 00:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 00:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 00:39	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 00:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 00:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 00:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 00:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 00:39	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 00:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 00:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 00:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 00:39	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 00:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 00:39	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 00:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 00:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 00:39	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 00:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 00:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 00:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 00:39	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 0614**

**Lab Sample ID: 480-62670-1**

**Date Collected: 06/23/14 14:15**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		07/03/14 00:39	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/03/14 00:39	1
Toluene-d8 (Surr)	102		71 - 126		07/03/14 00:39	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		06/26/14 07:48	07/24/14 20:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 20:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 20:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 20:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 20:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 20:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 20:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 20:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 20:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 20:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 20:46	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 20:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 20:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 20:46	1
3-Nitroaniline	ND	*	10	0.48	ug/L		06/26/14 07:48	07/24/14 20:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 20:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 20:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 20:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 20:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 20:46	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 20:46	1
4-Nitroaniline	ND	*	10	0.25	ug/L		06/26/14 07:48	07/24/14 20:46	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 20:46	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 20:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 20:46	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 20:46	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 20:46	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 20:46	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 20:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 20:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 20:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 20:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 20:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 20:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 20:46	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 20:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 20:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 20:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 20:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 20:46	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 20:46	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/24/14 20:46	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 20:46	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 20:46	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 0614**

**Lab Sample ID: 480-62670-1**

**Date Collected: 06/23/14 14:15**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 20:46	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 20:46	1
<b>Diethyl phthalate</b>	<b>0.26</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 20:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 20:46	1
<b>Di-n-butyl phthalate</b>	<b>0.35</b>	<b>J</b>	5.0	0.31	ug/L		06/26/14 07:48	07/24/14 20:46	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 20:46	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 20:46	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 20:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 20:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 20:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 20:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 20:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 20:46	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 20:46	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 20:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 20:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 20:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 20:46	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 20:46	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 20:46	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 20:46	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	198	X	52 - 132	06/26/14 07:48	07/24/14 20:46	1
<i>2-Fluorobiphenyl</i>	95		48 - 120	06/26/14 07:48	07/24/14 20:46	1
<i>2-Fluorophenol</i>	84		20 - 120	06/26/14 07:48	07/24/14 20:46	1
<i>Nitrobenzene-d5</i>	95		46 - 120	06/26/14 07:48	07/24/14 20:46	1
<i>Phenol-d5</i>	62		16 - 120	06/26/14 07:48	07/24/14 20:46	1
<i>p-Terphenyl-d14</i>	101		67 - 150	06/26/14 07:48	07/24/14 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>1.8</b>		0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:13	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:13	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Barium</b>	<b>0.096</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:13	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:13	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Calcium</b>	<b>170</b>		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Chromium</b>	<b>0.0033</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Cobalt</b>	<b>0.00076</b>	<b>J</b>	0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Copper</b>	<b>0.0043</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Iron</b>	<b>2.4</b>		0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:13	1
Lead	ND		0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Magnesium</b>	<b>19.2</b>		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Manganese</b>	<b>0.077</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Nickel</b>	<b>0.0040</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Potassium</b>	<b>5.2</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:13	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:13	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 0614**

**Lab Sample ID: 480-62670-1**

Date Collected: 06/23/14 14:15

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Sodium</b>	<b>23.3</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:13	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Vanadium</b>	<b>0.0032</b>	<b>J</b>	0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:13	1
<b>Zinc</b>	<b>0.014</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 15:55	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E04 0614**

**Lab Sample ID: 480-62670-2**

**Date Collected: 06/24/14 09:15**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 01:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 01:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 01:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 01:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 01:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 01:03	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.7</b>		1.0	0.41	ug/L			07/03/14 01:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 01:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 01:03	1
<b>1,2-Dichlorobenzene</b>	<b>5.8</b>		1.0	0.79	ug/L			07/03/14 01:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 01:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 01:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 01:03	1
<b>1,4-Dichlorobenzene</b>	<b>1.2</b>		1.0	0.84	ug/L			07/03/14 01:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 01:03	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 01:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 01:03	1
Acetone	ND		10	3.0	ug/L			07/03/14 01:03	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 01:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 01:03	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 01:03	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 01:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 01:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 01:03	1
<b>Chlorobenzene</b>	<b>3.4</b>		1.0	0.75	ug/L			07/03/14 01:03	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 01:03	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 01:03	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 01:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 01:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 01:03	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 01:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 01:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 01:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 01:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 01:03	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 01:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 01:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 01:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 01:03	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 01:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 01:03	1
<b>Toluene</b>	<b>3.1</b>		1.0	0.51	ug/L			07/03/14 01:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 01:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 01:03	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 01:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 01:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 01:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 01:03	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E04 0614**

**Lab Sample ID: 480-62670-2**

**Date Collected: 06/24/14 09:15**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		07/03/14 01:03	1
4-Bromofluorobenzene (Surr)	94		73 - 120		07/03/14 01:03	1
Toluene-d8 (Surr)	97		71 - 126		07/03/14 01:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		2500	240	ug/L		06/26/14 07:48	07/25/14 21:01	500
2,4,6-Trichlorophenol	ND		2500	310	ug/L		06/26/14 07:48	07/25/14 21:01	500
2,4-Dichlorophenol	ND		2500	260	ug/L		06/26/14 07:48	07/25/14 21:01	500
2,4-Dimethylphenol	ND		2500	250	ug/L		06/26/14 07:48	07/25/14 21:01	500
2,4-Dinitrophenol	ND		5000	1100	ug/L		06/26/14 07:48	07/25/14 21:01	500
<b>2,4-Dinitrotoluene</b>	<b>4500</b>		2500	220	ug/L		06/26/14 07:48	07/25/14 21:01	500
<b>2,6-Dinitrotoluene</b>	<b>8600</b>		2500	200	ug/L		06/26/14 07:48	07/25/14 21:01	500
2-Chloronaphthalene	ND		2500	230	ug/L		06/26/14 07:48	07/25/14 21:01	500
2-Chlorophenol	ND		2500	270	ug/L		06/26/14 07:48	07/25/14 21:01	500
2-Methylnaphthalene	ND		2500	300	ug/L		06/26/14 07:48	07/25/14 21:01	500
2-Methylphenol	ND		2500	200	ug/L		06/26/14 07:48	07/25/14 21:01	500
2-Nitroaniline	ND		5000	210	ug/L		06/26/14 07:48	07/25/14 21:01	500
2-Nitrophenol	ND		2500	240	ug/L		06/26/14 07:48	07/25/14 21:01	500
3,3'-Dichlorobenzidine	ND		2500	200	ug/L		06/26/14 07:48	07/25/14 21:01	500
3-Nitroaniline	ND	*	5000	240	ug/L		06/26/14 07:48	07/25/14 21:01	500
4,6-Dinitro-2-methylphenol	ND		5000	1100	ug/L		06/26/14 07:48	07/25/14 21:01	500
4-Bromophenyl phenyl ether	ND		2500	230	ug/L		06/26/14 07:48	07/25/14 21:01	500
4-Chloro-3-methylphenol	ND		2500	230	ug/L		06/26/14 07:48	07/25/14 21:01	500
4-Chloroaniline	ND		2500	300	ug/L		06/26/14 07:48	07/25/14 21:01	500
4-Chlorophenyl phenyl ether	ND		2500	180	ug/L		06/26/14 07:48	07/25/14 21:01	500
4-Methylphenol	ND		5000	180	ug/L		06/26/14 07:48	07/25/14 21:01	500
4-Nitroaniline	ND	*	5000	130	ug/L		06/26/14 07:48	07/25/14 21:01	500
4-Nitrophenol	ND		5000	760	ug/L		06/26/14 07:48	07/25/14 21:01	500
Acenaphthene	ND		2500	210	ug/L		06/26/14 07:48	07/25/14 21:01	500
Acenaphthylene	ND		2500	190	ug/L		06/26/14 07:48	07/25/14 21:01	500
Acetophenone	ND		2500	270	ug/L		06/26/14 07:48	07/25/14 21:01	500
Aniline	ND		5000	310	ug/L		06/26/14 07:48	07/25/14 21:01	500
Anthracene	ND		2500	140	ug/L		06/26/14 07:48	07/25/14 21:01	500
Atrazine	ND		2500	230	ug/L		06/26/14 07:48	07/25/14 21:01	500
Benzaldehyde	ND		2500	130	ug/L		06/26/14 07:48	07/25/14 21:01	500
Benzo(a)anthracene	ND		2500	180	ug/L		06/26/14 07:48	07/25/14 21:01	500
Benzo(a)pyrene	ND		2500	240	ug/L		06/26/14 07:48	07/25/14 21:01	500
Benzo(b)fluoranthene	ND		2500	170	ug/L		06/26/14 07:48	07/25/14 21:01	500
Benzo(g,h,i)perylene	ND		2500	180	ug/L		06/26/14 07:48	07/25/14 21:01	500
Benzo(k)fluoranthene	ND		2500	370	ug/L		06/26/14 07:48	07/25/14 21:01	500
Biphenyl	ND		2500	330	ug/L		06/26/14 07:48	07/25/14 21:01	500
bis (2-chloroisopropyl) ether	ND		2500	260	ug/L		06/26/14 07:48	07/25/14 21:01	500
Bis(2-chloroethoxy)methane	ND		2500	180	ug/L		06/26/14 07:48	07/25/14 21:01	500
Bis(2-chloroethyl)ether	ND		2500	200	ug/L		06/26/14 07:48	07/25/14 21:01	500
Bis(2-ethylhexyl) phthalate	ND		2500	900	ug/L		06/26/14 07:48	07/25/14 21:01	500
Butyl benzyl phthalate	ND		2500	210	ug/L		06/26/14 07:48	07/25/14 21:01	500
Caprolactam	ND		2500	1100	ug/L		06/26/14 07:48	07/25/14 21:01	500
Carbazole	ND		2500	150	ug/L		06/26/14 07:48	07/25/14 21:01	500
Chrysene	ND		2500	170	ug/L		06/26/14 07:48	07/25/14 21:01	500

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E04 0614**

**Lab Sample ID: 480-62670-2**

Date Collected: 06/24/14 09:15

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2500	210	ug/L		06/26/14 07:48	07/25/14 21:01	500
Dibenzofuran	ND		5000	260	ug/L		06/26/14 07:48	07/25/14 21:01	500
Diethyl phthalate	ND		2500	110	ug/L		06/26/14 07:48	07/25/14 21:01	500
Dimethyl phthalate	ND		2500	180	ug/L		06/26/14 07:48	07/25/14 21:01	500
Di-n-butyl phthalate	ND		2500	160	ug/L		06/26/14 07:48	07/25/14 21:01	500
Di-n-octyl phthalate	ND		2500	240	ug/L		06/26/14 07:48	07/25/14 21:01	500
Fluoranthene	ND		2500	200	ug/L		06/26/14 07:48	07/25/14 21:01	500
Fluorene	ND		2500	180	ug/L		06/26/14 07:48	07/25/14 21:01	500
Hexachlorobenzene	ND		2500	260	ug/L		06/26/14 07:48	07/25/14 21:01	500
Hexachlorobutadiene	ND		2500	340	ug/L		06/26/14 07:48	07/25/14 21:01	500
Hexachlorocyclopentadiene	ND		2500	300	ug/L		06/26/14 07:48	07/25/14 21:01	500
Hexachloroethane	ND		2500	300	ug/L		06/26/14 07:48	07/25/14 21:01	500
Indeno(1,2,3-cd)pyrene	ND		2500	240	ug/L		06/26/14 07:48	07/25/14 21:01	500
Isophorone	ND		2500	220	ug/L		06/26/14 07:48	07/25/14 21:01	500
Naphthalene	ND		2500	380	ug/L		06/26/14 07:48	07/25/14 21:01	500
Nitrobenzene	ND		2500	150	ug/L		06/26/14 07:48	07/25/14 21:01	500
N-Nitrosodi-n-propylamine	ND		2500	270	ug/L		06/26/14 07:48	07/25/14 21:01	500
N-Nitrosodiphenylamine	ND		2500	260	ug/L		06/26/14 07:48	07/25/14 21:01	500
Pentachlorophenol	ND		5000	1100	ug/L		06/26/14 07:48	07/25/14 21:01	500
Phenanthrene	ND		2500	220	ug/L		06/26/14 07:48	07/25/14 21:01	500
Phenol	ND		2500	200	ug/L		06/26/14 07:48	07/25/14 21:01	500
Pyrene	ND		2500	170	ug/L		06/26/14 07:48	07/25/14 21:01	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	06/26/14 07:48	07/25/14 21:01	500
2-Fluorobiphenyl	315	X	48 - 120	06/26/14 07:48	07/25/14 21:01	500
2-Fluorophenol	0	X	20 - 120	06/26/14 07:48	07/25/14 21:01	500
Nitrobenzene-d5	71		46 - 120	06/26/14 07:48	07/25/14 21:01	500
Phenol-d5	0	X	16 - 120	06/26/14 07:48	07/25/14 21:01	500
p-Terphenyl-d14	0	X	67 - 150	06/26/14 07:48	07/25/14 21:01	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.71		0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:38	1
Antimony	0.063		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:38	1
Arsenic	0.012	J	0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:38	1
Barium	0.047		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:38	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:38	1
Cadmium	0.00099	J	0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:38	1
Calcium	134		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:38	1
Chromium	0.0024	J	0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:38	1
Cobalt	0.0048		0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:38	1
Copper	0.013		0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:38	1
Iron	0.97	^	0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:38	1
Lead	ND		0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:38	1
Magnesium	30.7		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:38	1
Manganese	0.60		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:38	1
Nickel	0.011		0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:38	1
Potassium	6.7	B	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:38	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:38	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E04 0614**

**Lab Sample ID: 480-62670-2**

Date Collected: 06/24/14 09:15

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:38	1
<b>Sodium</b>	<b>14.7</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:38	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:38	1
<b>Vanadium</b>	<b>0.0017</b>	<b>J</b>	0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:38	1
<b>Zinc</b>	<b>0.15</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:06	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E05 0614**

**Lab Sample ID: 480-62670-3**

**Date Collected: 06/24/14 13:40**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 01:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 01:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 01:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 01:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 01:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 01:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 01:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 01:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 01:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 01:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 01:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 01:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 01:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 01:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 01:27	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 01:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 01:27	1
Acetone	ND		10	3.0	ug/L			07/03/14 01:27	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 01:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 01:27	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 01:27	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 01:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 01:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 01:27	1
<b>Chlorobenzene</b>	<b>17</b>		1.0	0.75	ug/L			07/03/14 01:27	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 01:27	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 01:27	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 01:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 01:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 01:27	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 01:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 01:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 01:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 01:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 01:27	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 01:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 01:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 01:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 01:27	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 01:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 01:27	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 01:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 01:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 01:27	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 01:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 01:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 01:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 01:27	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E05 0614**

**Lab Sample ID: 480-62670-3**

**Date Collected: 06/24/14 13:40**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		07/03/14 01:27	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/03/14 01:27	1
Toluene-d8 (Surr)	99		71 - 126		07/03/14 01:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 21:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 21:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 21:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 21:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 21:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 21:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 21:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 21:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 21:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 21:37	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 21:37	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 21:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 21:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 21:37	1
3-Nitroaniline	ND	*	10	0.48	ug/L		06/26/14 07:48	07/24/14 21:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 21:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 21:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 21:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 21:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 21:37	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 21:37	1
4-Nitroaniline	ND	*	10	0.25	ug/L		06/26/14 07:48	07/24/14 21:37	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 21:37	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 21:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 21:37	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 21:37	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 21:37	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 21:37	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 21:37	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 21:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 21:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 21:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 21:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 21:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 21:37	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 21:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 21:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 21:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 21:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 21:37	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 21:37	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/24/14 21:37	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 21:37	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 21:37	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E05 0614**

**Lab Sample ID: 480-62670-3**

Date Collected: 06/24/14 13:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 21:37	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 21:37	1
<b>Diethyl phthalate</b>	<b>0.22</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 21:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 21:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/24/14 21:37	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 21:37	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 21:37	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 21:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 21:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 21:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 21:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 21:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 21:37	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 21:37	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 21:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 21:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 21:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 21:37	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 21:37	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 21:37	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 21:37	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		52 - 132				06/26/14 07:48	07/24/14 21:37	1
2-Fluorobiphenyl	93		48 - 120				06/26/14 07:48	07/24/14 21:37	1
2-Fluorophenol	97		20 - 120				06/26/14 07:48	07/24/14 21:37	1
Nitrobenzene-d5	93		46 - 120				06/26/14 07:48	07/24/14 21:37	1
Phenol-d5	72		16 - 120				06/26/14 07:48	07/24/14 21:37	1
p-Terphenyl-d14	97		67 - 150				06/26/14 07:48	07/24/14 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.72</b>		0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:41	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Barium</b>	<b>0.049</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:41	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Cadmium</b>	<b>0.010</b>		0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Calcium</b>	<b>111</b>		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Chromium</b>	<b>0.0014</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Cobalt</b>	<b>0.0093</b>		0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Copper</b>	<b>0.12</b>		0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Iron</b>	<b>0.80</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Lead</b>	<b>0.025</b>		0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Magnesium</b>	<b>10.8</b>		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Manganese</b>	<b>0.11</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Nickel</b>	<b>0.019</b>		0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Potassium</b>	<b>5.8</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Selenium</b>	<b>0.013</b>	<b>J</b>	0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:41	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E05 0614**

**Lab Sample ID: 480-62670-3**

Date Collected: 06/24/14 13:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Sodium</b>	<b>60.9</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:41	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Vanadium</b>	<b>0.0017</b>	<b>J</b>	0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:41	1
<b>Zinc</b>	<b>3.4</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:07	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E06 0614**

**Lab Sample ID: 480-62670-4**

**Date Collected: 06/25/14 09:25**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 01:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 01:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 01:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 01:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 01:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 01:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 01:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 01:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 01:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 01:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 01:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 01:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 01:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 01:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 01:50	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 01:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 01:50	1
Acetone	ND		10	3.0	ug/L			07/03/14 01:50	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 01:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 01:50	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 01:50	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 01:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 01:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 01:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 01:50	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 01:50	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 01:50	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 01:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 01:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 01:50	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 01:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 01:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 01:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 01:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 01:50	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 01:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 01:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 01:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 01:50	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 01:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 01:50	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 01:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 01:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 01:50	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 01:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 01:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 01:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 01:50	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E06 0614**

**Lab Sample ID: 480-62670-4**

**Date Collected: 06/25/14 09:25**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		07/03/14 01:50	1
4-Bromofluorobenzene (Surr)	96		73 - 120		07/03/14 01:50	1
Toluene-d8 (Surr)	100		71 - 126		07/03/14 01:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 22:03	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 22:03	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:03	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 22:03	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:03	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:03	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:03	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 22:03	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 22:03	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 22:03	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:03	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 22:03	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 22:03	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:03	1
3-Nitroaniline	ND *		10	0.48	ug/L		06/26/14 07:48	07/24/14 22:03	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:03	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:03	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:03	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:03	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:03	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 22:03	1
4-Nitroaniline	ND *		10	0.25	ug/L		06/26/14 07:48	07/24/14 22:03	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 22:03	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 22:03	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 22:03	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 22:03	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 22:03	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 22:03	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 22:03	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 22:03	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:03	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:03	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 22:03	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:03	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 22:03	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 22:03	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 22:03	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:03	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:03	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 22:03	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 22:03	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/24/14 22:03	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 22:03	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 22:03	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E06 0614**

**Lab Sample ID: 480-62670-4**

Date Collected: 06/25/14 09:25

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 22:03	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 22:03	1
<b>Diethyl phthalate</b>	<b>0.24</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 22:03	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:03	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/24/14 22:03	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:03	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:03	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:03	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:03	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 22:03	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:03	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:03	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:03	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 22:03	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 22:03	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 22:03	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 22:03	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:03	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:03	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 22:03	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 22:03	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	127		52 - 132	06/26/14 07:48	07/24/14 22:03	1
2-Fluorobiphenyl	100		48 - 120	06/26/14 07:48	07/24/14 22:03	1
2-Fluorophenol	94		20 - 120	06/26/14 07:48	07/24/14 22:03	1
Nitrobenzene-d5	103		46 - 120	06/26/14 07:48	07/24/14 22:03	1
Phenol-d5	67		16 - 120	06/26/14 07:48	07/24/14 22:03	1
p-Terphenyl-d14	101		67 - 150	06/26/14 07:48	07/24/14 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.15</b>	<b>J</b>	0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:44	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Arsenic</b>	<b>0.016</b>		0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Barium</b>	<b>0.056</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:44	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Cadmium</b>	<b>0.0010</b>	<b>J</b>	0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Calcium</b>	<b>286</b>		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Chromium</b>	<b>0.0013</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Cobalt</b>	<b>0.017</b>		0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Copper</b>	<b>0.0073</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Iron</b>	<b>88.2</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Lead</b>	<b>0.0043</b>	<b>J</b>	0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Magnesium</b>	<b>19.3</b>		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Manganese</b>	<b>2.0</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Nickel</b>	<b>0.021</b>		0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Potassium</b>	<b>4.7</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:44	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:44	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E06 0614**

**Lab Sample ID: 480-62670-4**

**Date Collected: 06/25/14 09:25**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Sodium</b>	<b>41.6</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:44	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:44	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:44	1
<b>Zinc</b>	<b>1.1</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:09	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E07 0614**

**Lab Sample ID: 480-62670-5**

**Date Collected: 06/24/14 15:20**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 02:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 02:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 02:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 02:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 02:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 02:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 02:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 02:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 02:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 02:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 02:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 02:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 02:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 02:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 02:14	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 02:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 02:14	1
<b>Acetone</b>	<b>3.1</b>	<b>J</b>	10	3.0	ug/L			07/03/14 02:14	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 02:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 02:14	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 02:14	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 02:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 02:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 02:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 02:14	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 02:14	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 02:14	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 02:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 02:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 02:14	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 02:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 02:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 02:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 02:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 02:14	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 02:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 02:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 02:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 02:14	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 02:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 02:14	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 02:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 02:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 02:14	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 02:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 02:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 02:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 02:14	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E07 0614**

**Lab Sample ID: 480-62670-5**

**Date Collected: 06/24/14 15:20**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		07/03/14 02:14	1
4-Bromofluorobenzene (Surr)	93		73 - 120		07/03/14 02:14	1
Toluene-d8 (Surr)	99		71 - 126		07/03/14 02:14	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		06/26/14 07:48	07/24/14 22:28	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 22:28	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:28	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 22:28	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:28	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:28	1
<b>2,6-Dinitrotoluene</b>	<b>0.52</b>	<b>J</b>	5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:28	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 22:28	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 22:28	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 22:28	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:28	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 22:28	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 22:28	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:28	1
3-Nitroaniline	ND	*	10	0.48	ug/L		06/26/14 07:48	07/24/14 22:28	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:28	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:28	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:28	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:28	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:28	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 22:28	1
4-Nitroaniline	ND	*	10	0.25	ug/L		06/26/14 07:48	07/24/14 22:28	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 22:28	1
<b>Acenaphthene</b>	<b>9.2</b>		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 22:28	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 22:28	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 22:28	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 22:28	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 22:28	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 22:28	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 22:28	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:28	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:28	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 22:28	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:28	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 22:28	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 22:28	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 22:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:28	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:28	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 22:28	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 22:28	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/24/14 22:28	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 22:28	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 22:28	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E07 0614**

**Lab Sample ID: 480-62670-5**

Date Collected: 06/24/14 15:20

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 22:28	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 22:28	1
<b>Diethyl phthalate</b>	<b>0.22</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 22:28	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:28	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/24/14 22:28	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:28	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:28	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:28	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:28	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 22:28	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:28	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:28	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:28	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 22:28	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 22:28	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 22:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 22:28	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:28	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:28	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 22:28	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 22:28	1
<b>Pyrene</b>	<b>0.79</b>	<b>J</b>	5.0	0.34	ug/L		06/26/14 07:48	07/24/14 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	124		52 - 132	06/26/14 07:48	07/24/14 22:28	1
2-Fluorobiphenyl	88		48 - 120	06/26/14 07:48	07/24/14 22:28	1
2-Fluorophenol	82		20 - 120	06/26/14 07:48	07/24/14 22:28	1
Nitrobenzene-d5	85		46 - 120	06/26/14 07:48	07/24/14 22:28	1
Phenol-d5	61		16 - 120	06/26/14 07:48	07/24/14 22:28	1
p-Terphenyl-d14	87		67 - 150	06/26/14 07:48	07/24/14 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.090</b>	<b>J</b>	0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:47	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Arsenic</b>	<b>0.052</b>		0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Barium</b>	<b>0.017</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:47	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:47	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Calcium</b>	<b>105</b>		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Chromium</b>	<b>0.0014</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Cobalt</b>	<b>0.0031</b>	<b>J</b>	0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Copper</b>	<b>0.0047</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Iron</b>	<b>36.4</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Lead</b>	<b>0.0088</b>	<b>J</b>	0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Magnesium</b>	<b>11.8</b>		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Manganese</b>	<b>0.17</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Nickel</b>	<b>0.0041</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Potassium</b>	<b>9.2</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:47	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:47	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E07 0614**

**Lab Sample ID: 480-62670-5**

**Date Collected: 06/24/14 15:20**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Sodium</b>	<b>30.7</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:47	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:47	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:47	1
<b>Zinc</b>	<b>0.033</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:11	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-10 0614**

**Lab Sample ID: 480-62670-6**

**Date Collected: 06/24/14 10:10**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 02:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 02:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 02:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 02:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 02:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 02:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 02:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 02:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 02:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 02:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 02:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 02:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 02:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 02:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 02:37	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 02:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 02:37	1
<b>Acetone</b>	<b>3.8</b>	<b>J</b>	10	3.0	ug/L			07/03/14 02:37	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 02:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 02:37	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 02:37	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 02:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 02:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 02:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 02:37	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 02:37	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 02:37	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 02:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 02:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 02:37	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 02:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 02:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 02:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 02:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 02:37	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 02:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 02:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 02:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 02:37	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 02:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 02:37	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 02:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 02:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 02:37	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 02:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 02:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 02:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 02:37	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-10 0614**

**Lab Sample ID: 480-62670-6**

**Date Collected: 06/24/14 10:10**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		07/03/14 02:37	1
4-Bromofluorobenzene (Surr)	93		73 - 120		07/03/14 02:37	1
Toluene-d8 (Surr)	96		71 - 126		07/03/14 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 22:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 22:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 22:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 22:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 22:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 22:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:54	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 22:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 22:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:54	1
3-Nitroaniline	ND	*	10	0.48	ug/L		06/26/14 07:48	07/24/14 22:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 22:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:54	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 22:54	1
4-Nitroaniline	ND	*	10	0.25	ug/L		06/26/14 07:48	07/24/14 22:54	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 22:54	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 22:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 22:54	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 22:54	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 22:54	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 22:54	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 22:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 22:54	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:54	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:54	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 22:54	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:54	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 22:54	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 22:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 22:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 22:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 22:54	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 22:54	1
Caprolactam	7.6		5.0	2.2	ug/L		06/26/14 07:48	07/24/14 22:54	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 22:54	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 22:54	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-10 0614**

**Lab Sample ID: 480-62670-6**

Date Collected: 06/24/14 10:10

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 22:54	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 22:54	1
<b>Diethyl phthalate</b>	<b>0.23</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 22:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:54	1
<b>Di-n-butyl phthalate</b>	<b>1.1</b>	<b>J</b>	5.0	0.31	ug/L		06/26/14 07:48	07/24/14 22:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:54	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 22:54	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 22:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 22:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 22:54	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 22:54	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 22:54	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 22:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 22:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 22:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 22:54	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 22:54	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 22:54	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 22:54	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	225	X	52 - 132	06/26/14 07:48	07/24/14 22:54	1
2-Fluorobiphenyl	94		48 - 120	06/26/14 07:48	07/24/14 22:54	1
2-Fluorophenol	95		20 - 120	06/26/14 07:48	07/24/14 22:54	1
Nitrobenzene-d5	95		46 - 120	06/26/14 07:48	07/24/14 22:54	1
Phenol-d5	69		16 - 120	06/26/14 07:48	07/24/14 22:54	1
p-Terphenyl-d14	97		67 - 150	06/26/14 07:48	07/24/14 22:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:50	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:50	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Barium</b>	<b>0.084</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:50	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:50	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Calcium</b>	<b>43.7</b>		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:50	1
Chromium	ND		0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:50	1
Cobalt	ND		0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Copper</b>	<b>0.0062</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Iron</b>	<b>6.3</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:50	1
Lead	ND		0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Magnesium</b>	<b>16.0</b>		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Manganese</b>	<b>0.093</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Nickel</b>	<b>0.0024</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Potassium</b>	<b>2.2</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:50	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:50	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-10 0614**

**Lab Sample ID: 480-62670-6**

Date Collected: 06/24/14 10:10

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Sodium</b>	<b>46.0</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:50	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:50	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:50	1
<b>Zinc</b>	<b>0.034</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:12	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-11 0614**

**Lab Sample ID: 480-62670-7**

**Date Collected: 06/23/14 15:45**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 03:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 03:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 03:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 03:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 03:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 03:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 03:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 03:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 03:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 03:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 03:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 03:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 03:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 03:01	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 03:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 03:01	1
<b>Acetone</b>	<b>3.7</b>	<b>J</b>	10	3.0	ug/L			07/03/14 03:01	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 03:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 03:01	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 03:01	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 03:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 03:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 03:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 03:01	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 03:01	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 03:01	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 03:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 03:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 03:01	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 03:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 03:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 03:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 03:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 03:01	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 03:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 03:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 03:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 03:01	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 03:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 03:01	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 03:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 03:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 03:01	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 03:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 03:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 03:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 03:01	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-11 0614**

**Lab Sample ID: 480-62670-7**

**Date Collected: 06/23/14 15:45**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		07/03/14 03:01	1
4-Bromofluorobenzene (Surr)	93		73 - 120		07/03/14 03:01	1
Toluene-d8 (Surr)	97		71 - 126		07/03/14 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 23:20	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 23:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 23:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 23:20	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 23:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 23:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 23:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 23:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 23:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:20	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 23:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 23:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:20	1
3-Nitroaniline	ND	*	10	0.48	ug/L		06/26/14 07:48	07/24/14 23:20	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 23:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 23:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 23:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 23:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 23:20	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 23:20	1
4-Nitroaniline	ND	*	10	0.25	ug/L		06/26/14 07:48	07/24/14 23:20	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 23:20	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 23:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 23:20	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 23:20	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 23:20	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 23:20	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 23:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 23:20	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 23:20	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 23:20	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 23:20	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 23:20	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 23:20	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 23:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 23:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 23:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 23:20	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 23:20	1
Caprolactam	2.6	J	5.0	2.2	ug/L		06/26/14 07:48	07/24/14 23:20	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 23:20	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 23:20	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-11 0614**

**Lab Sample ID: 480-62670-7**

**Date Collected: 06/23/14 15:45**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 23:20	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 23:20	1
<b>Diethyl phthalate</b>	<b>0.22</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 23:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 23:20	1
<b>Di-n-butyl phthalate</b>	<b>0.74</b>	<b>J</b>	5.0	0.31	ug/L		06/26/14 07:48	07/24/14 23:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 23:20	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:20	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 23:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 23:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 23:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 23:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 23:20	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 23:20	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 23:20	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 23:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 23:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 23:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 23:20	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 23:20	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 23:20	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 23:20	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	216	X	52 - 132	06/26/14 07:48	07/24/14 23:20	1
<i>2-Fluorobiphenyl</i>	98		48 - 120	06/26/14 07:48	07/24/14 23:20	1
<i>2-Fluorophenol</i>	85		20 - 120	06/26/14 07:48	07/24/14 23:20	1
<i>Nitrobenzene-d5</i>	99		46 - 120	06/26/14 07:48	07/24/14 23:20	1
<i>Phenol-d5</i>	69		16 - 120	06/26/14 07:48	07/24/14 23:20	1
<i>p-Terphenyl-d14</i>	95		67 - 150	06/26/14 07:48	07/24/14 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:53	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:53	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Barium</b>	<b>0.054</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:53	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:53	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Calcium</b>	<b>34.3</b>		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:53	1
Chromium	ND		0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:53	1
Cobalt	ND		0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:53	1
Copper	ND		0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Iron</b>	<b>1.3</b>	<b>A</b>	0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:53	1
Lead	ND		0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Magnesium</b>	<b>10.1</b>		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Manganese</b>	<b>0.010</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:53	1
Nickel	ND		0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Potassium</b>	<b>1.9</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:53	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:53	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E R-11 0614**

**Lab Sample ID: 480-62670-7**

**Date Collected: 06/23/14 15:45**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Sodium</b>	<b>13.5</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:53	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:53	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:53	1
<b>Zinc</b>	<b>1.1</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:14	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-17 0614**

**Lab Sample ID: 480-62670-8**

**Date Collected: 06/24/14 08:30**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 03:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 03:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 03:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 03:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 03:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 03:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 03:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 03:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 03:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 03:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 03:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 03:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 03:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 03:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 03:25	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 03:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 03:25	1
Acetone	ND		10	3.0	ug/L			07/03/14 03:25	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 03:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 03:25	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 03:25	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 03:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 03:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 03:25	1
<b>Chlorobenzene</b>	<b>1.2</b>		1.0	0.75	ug/L			07/03/14 03:25	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 03:25	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 03:25	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 03:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 03:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 03:25	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 03:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 03:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 03:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 03:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 03:25	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 03:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 03:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 03:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 03:25	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 03:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 03:25	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 03:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 03:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 03:25	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 03:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 03:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 03:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 03:25	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-17 0614**

**Lab Sample ID: 480-62670-8**

**Date Collected: 06/24/14 08:30**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		07/03/14 03:25	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/03/14 03:25	1
Toluene-d8 (Surr)	100		71 - 126		07/03/14 03:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 23:45	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 23:45	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 23:45	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 23:45	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 23:45	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 23:45	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:45	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 23:45	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 23:45	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 23:45	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:45	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 23:45	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 23:45	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:45	1
3-Nitroaniline	ND *		10	0.48	ug/L		06/26/14 07:48	07/24/14 23:45	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 23:45	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 23:45	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 23:45	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 23:45	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 23:45	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 23:45	1
4-Nitroaniline	ND *		10	0.25	ug/L		06/26/14 07:48	07/24/14 23:45	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 23:45	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 23:45	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 23:45	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 23:45	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 23:45	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 23:45	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 23:45	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 23:45	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 23:45	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 23:45	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 23:45	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 23:45	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 23:45	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 23:45	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 23:45	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 23:45	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:45	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 23:45	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 23:45	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/24/14 23:45	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 23:45	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 23:45	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-17 0614**

**Lab Sample ID: 480-62670-8**

Date Collected: 06/24/14 08:30

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 23:45	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 23:45	1
<b>Diethyl phthalate</b>	<b>0.23</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 23:45	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 23:45	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/24/14 23:45	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 23:45	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 23:45	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 23:45	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 23:45	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 23:45	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 23:45	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 23:45	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 23:45	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 23:45	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 23:45	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 23:45	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 23:45	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 23:45	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 23:45	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 23:45	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 23:45	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		52 - 132	06/26/14 07:48	07/24/14 23:45	1
2-Fluorobiphenyl	85		48 - 120	06/26/14 07:48	07/24/14 23:45	1
2-Fluorophenol	79		20 - 120	06/26/14 07:48	07/24/14 23:45	1
Nitrobenzene-d5	88		46 - 120	06/26/14 07:48	07/24/14 23:45	1
Phenol-d5	62		16 - 120	06/26/14 07:48	07/24/14 23:45	1
p-Terphenyl-d14	95		67 - 150	06/26/14 07:48	07/24/14 23:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:56	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:56	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Barium</b>	<b>0.031</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:56	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:56	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Calcium</b>	<b>175</b>		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Chromium</b>	<b>0.0020</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:56	1
Cobalt	ND		0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Copper</b>	<b>0.0017</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Iron</b>	<b>0.068</b>		0.050	0.019	mg/L		06/26/14 09:15	07/01/14 13:12	1
Lead	ND		0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Magnesium</b>	<b>23.9</b>		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Manganese</b>	<b>0.0042</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Nickel</b>	<b>0.0029</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Potassium</b>	<b>1.4</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:56	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:56	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-17 0614**

**Lab Sample ID: 480-62670-8**

Date Collected: 06/24/14 08:30

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Sodium</b>	<b>11.0</b>		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:56	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:56	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:56	1
<b>Zinc</b>	<b>0.0044</b>	<b>J</b>	0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:16	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-29 0614**

**Lab Sample ID: 480-62670-9**

**Date Collected: 06/24/14 11:30**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 03:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 03:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 03:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 03:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 03:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 03:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 03:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 03:48	1
<b>1,2-Dichlorobenzene</b>	<b>2.3</b>		1.0	0.79	ug/L			07/03/14 03:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 03:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 03:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 03:48	1
<b>1,4-Dichlorobenzene</b>	<b>4.4</b>		1.0	0.84	ug/L			07/03/14 03:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 03:48	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 03:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 03:48	1
Acetone	ND		10	3.0	ug/L			07/03/14 03:48	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 03:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 03:48	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 03:48	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 03:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 03:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 03:48	1
<b>Chlorobenzene</b>	<b>14</b>		1.0	0.75	ug/L			07/03/14 03:48	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 03:48	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 03:48	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 03:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 03:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 03:48	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 03:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 03:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 03:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 03:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 03:48	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 03:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 03:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 03:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 03:48	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 03:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 03:48	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 03:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 03:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 03:48	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 03:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 03:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 03:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 03:48	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-29 0614**

**Lab Sample ID: 480-62670-9**

**Date Collected: 06/24/14 11:30**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		07/03/14 03:48	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/03/14 03:48	1
Toluene-d8 (Surr)	102		71 - 126		07/03/14 03:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 00:10	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/25/14 00:10	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 00:10	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/25/14 00:10	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 00:10	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 00:10	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:10	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 00:10	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/25/14 00:10	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/25/14 00:10	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:10	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/25/14 00:10	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 00:10	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:10	1
3-Nitroaniline	ND *		10	0.48	ug/L		06/26/14 07:48	07/25/14 00:10	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 00:10	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 00:10	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 00:10	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 00:10	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 00:10	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/25/14 00:10	1
4-Nitroaniline	ND *		10	0.25	ug/L		06/26/14 07:48	07/25/14 00:10	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/25/14 00:10	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/25/14 00:10	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/25/14 00:10	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 00:10	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/25/14 00:10	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/25/14 00:10	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 00:10	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/25/14 00:10	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 00:10	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 00:10	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 00:10	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 00:10	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/25/14 00:10	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/25/14 00:10	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/25/14 00:10	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 00:10	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:10	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/25/14 00:10	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 00:10	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/25/14 00:10	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/25/14 00:10	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/25/14 00:10	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-29 0614**

**Lab Sample ID: 480-62670-9**

Date Collected: 06/24/14 11:30

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 00:10	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/25/14 00:10	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/26/14 07:48	07/25/14 00:10	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 00:10	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/25/14 00:10	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 00:10	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:10	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 00:10	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 00:10	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/25/14 00:10	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 00:10	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 00:10	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 00:10	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/25/14 00:10	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/25/14 00:10	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/25/14 00:10	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 00:10	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 00:10	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 00:10	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/25/14 00:10	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/25/14 00:10	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	124		52 - 132	06/26/14 07:48	07/25/14 00:10	1
2-Fluorobiphenyl	101		48 - 120	06/26/14 07:48	07/25/14 00:10	1
2-Fluorophenol	93		20 - 120	06/26/14 07:48	07/25/14 00:10	1
Nitrobenzene-d5	99		46 - 120	06/26/14 07:48	07/25/14 00:10	1
Phenol-d5	70		16 - 120	06/26/14 07:48	07/25/14 00:10	1
p-Terphenyl-d14	101		67 - 150	06/26/14 07:48	07/25/14 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/26/14 09:15	06/28/14 00:08	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Arsenic</b>	<b>0.0095</b>	<b>J</b>	0.015	0.0056	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Barium</b>	<b>0.11</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/28/14 00:08	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/28/14 00:08	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Calcium</b>	<b>61.7</b>		0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:08	1
Chromium	ND		0.0040	0.0010	mg/L		06/26/14 09:15	06/28/14 00:08	1
Cobalt	ND		0.0040	0.00063	mg/L		06/26/14 09:15	06/28/14 00:08	1
Copper	ND		0.010	0.0016	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Iron</b>	<b>0.084</b>		0.050	0.019	mg/L		06/26/14 09:15	07/01/14 13:14	1
Lead	ND		0.010	0.0030	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Magnesium</b>	<b>9.9</b>		0.20	0.043	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Manganese</b>	<b>0.070</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/28/14 00:08	1
Nickel	ND		0.010	0.0013	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Potassium</b>	<b>3.1</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:08	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/28/14 00:08	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-29 0614**

**Lab Sample ID: 480-62670-9**

Date Collected: 06/24/14 11:30

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Sodium</b>	<b>143</b>		1.0	0.32	mg/L		06/26/14 09:15	06/28/14 00:08	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/28/14 00:08	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/28/14 00:08	1
<b>Zinc</b>	<b>0.0017</b>	<b>J</b>	0.010	0.0015	mg/L		06/26/14 09:15	06/28/14 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:17	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-32 0614**

**Lab Sample ID: 480-62670-10**

**Date Collected: 06/23/14 13:10**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500	410	ug/L			07/03/14 04:12	500
1,1,2,2-Tetrachloroethane	ND		500	110	ug/L			07/03/14 04:12	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160	ug/L			07/03/14 04:12	500
1,1,2-Trichloroethane	ND		500	120	ug/L			07/03/14 04:12	500
1,1-Dichloroethane	ND		500	190	ug/L			07/03/14 04:12	500
1,1-Dichloroethene	ND		500	150	ug/L			07/03/14 04:12	500
1,2,4-Trichlorobenzene	ND		500	210	ug/L			07/03/14 04:12	500
1,2-Dibromo-3-Chloropropane	ND		500	200	ug/L			07/03/14 04:12	500
1,2-Dibromoethane	ND		500	370	ug/L			07/03/14 04:12	500
1,2-Dichlorobenzene	ND		500	400	ug/L			07/03/14 04:12	500
1,2-Dichloroethane	ND		500	110	ug/L			07/03/14 04:12	500
1,2-Dichloropropane	ND		500	360	ug/L			07/03/14 04:12	500
1,3-Dichlorobenzene	ND		500	390	ug/L			07/03/14 04:12	500
1,4-Dichlorobenzene	ND		500	420	ug/L			07/03/14 04:12	500
2-Butanone (MEK)	ND		5000	660	ug/L			07/03/14 04:12	500
2-Hexanone	ND		2500	620	ug/L			07/03/14 04:12	500
4-Methyl-2-pentanone (MIBK)	ND		2500	1100	ug/L			07/03/14 04:12	500
Acetone	ND		5000	1500	ug/L			07/03/14 04:12	500
<b>Benzene</b>	<b>330</b>	<b>J</b>	500	210	ug/L			07/03/14 04:12	500
Bromodichloromethane	ND		500	200	ug/L			07/03/14 04:12	500
Bromoform	ND		500	130	ug/L			07/03/14 04:12	500
Bromomethane	ND		500	350	ug/L			07/03/14 04:12	500
Carbon disulfide	ND		500	95	ug/L			07/03/14 04:12	500
Carbon tetrachloride	ND		500	140	ug/L			07/03/14 04:12	500
<b>Chlorobenzene</b>	<b>24000</b>		500	380	ug/L			07/03/14 04:12	500
Chloroethane	ND		500	160	ug/L			07/03/14 04:12	500
Chloroform	ND		500	170	ug/L			07/03/14 04:12	500
Chloromethane	ND		500	180	ug/L			07/03/14 04:12	500
cis-1,2-Dichloroethene	ND		500	410	ug/L			07/03/14 04:12	500
cis-1,3-Dichloropropene	ND		500	180	ug/L			07/03/14 04:12	500
Cyclohexane	ND		500	90	ug/L			07/03/14 04:12	500
Dibromochloromethane	ND		500	160	ug/L			07/03/14 04:12	500
Dichlorodifluoromethane	ND		500	340	ug/L			07/03/14 04:12	500
Ethylbenzene	ND		500	370	ug/L			07/03/14 04:12	500
Isopropylbenzene	ND		500	400	ug/L			07/03/14 04:12	500
Methyl acetate	ND		1300	250	ug/L			07/03/14 04:12	500
Methyl tert-butyl ether	ND		500	80	ug/L			07/03/14 04:12	500
Methylcyclohexane	ND		500	80	ug/L			07/03/14 04:12	500
<b>Methylene Chloride</b>	<b>410</b>	<b>J</b>	500	220	ug/L			07/03/14 04:12	500
Styrene	ND		500	370	ug/L			07/03/14 04:12	500
Tetrachloroethene	ND		500	180	ug/L			07/03/14 04:12	500
Toluene	ND		500	260	ug/L			07/03/14 04:12	500
trans-1,2-Dichloroethene	ND		500	450	ug/L			07/03/14 04:12	500
trans-1,3-Dichloropropene	ND		500	190	ug/L			07/03/14 04:12	500
Trichloroethene	ND		500	230	ug/L			07/03/14 04:12	500
Trichlorofluoromethane	ND		500	440	ug/L			07/03/14 04:12	500
Vinyl chloride	ND		500	450	ug/L			07/03/14 04:12	500
Xylenes, Total	ND		1000	330	ug/L			07/03/14 04:12	500

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-32 0614**

**Lab Sample ID: 480-62670-10**

**Date Collected: 06/23/14 13:10**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		07/03/14 04:12	500
4-Bromofluorobenzene (Surr)	94		73 - 120		07/03/14 04:12	500
Toluene-d8 (Surr)	96		71 - 126		07/03/14 04:12	500

**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		06/26/14 07:48	07/25/14 00:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/25/14 00:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 00:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/25/14 00:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 00:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 00:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 00:36	1
<b>2-Chlorophenol</b>	<b>22</b>		5.0	0.53	ug/L		06/26/14 07:48	07/25/14 00:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/25/14 00:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:36	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/25/14 00:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 00:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:36	1
3-Nitroaniline	ND *		10	0.48	ug/L		06/26/14 07:48	07/25/14 00:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 00:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 00:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 00:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 00:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 00:36	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/25/14 00:36	1
4-Nitroaniline	ND *		10	0.25	ug/L		06/26/14 07:48	07/25/14 00:36	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/25/14 00:36	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/25/14 00:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/25/14 00:36	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 00:36	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/25/14 00:36	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/25/14 00:36	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 00:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/25/14 00:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 00:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 00:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 00:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 00:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/25/14 00:36	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/25/14 00:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/25/14 00:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 00:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/25/14 00:36	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 00:36	1
<b>Caprolactam</b>	<b>12</b>		5.0	2.2	ug/L		06/26/14 07:48	07/25/14 00:36	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/25/14 00:36	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/25/14 00:36	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-32 0614**

**Lab Sample ID: 480-62670-10**

Date Collected: 06/23/14 13:10

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 00:36	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/25/14 00:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/26/14 07:48	07/25/14 00:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 00:36	1
<b>Di-n-butyl phthalate</b>	<b>0.61</b>	<b>J</b>	5.0	0.31	ug/L		06/26/14 07:48	07/25/14 00:36	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 00:36	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 00:36	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 00:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 00:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/25/14 00:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 00:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 00:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 00:36	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/25/14 00:36	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/25/14 00:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/25/14 00:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 00:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 00:36	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 00:36	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/25/14 00:36	1
<b>Phenol</b>	<b>2.5</b>	<b>J</b>	5.0	0.39	ug/L		06/26/14 07:48	07/25/14 00:36	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	253	X	52 - 132	06/26/14 07:48	07/25/14 00:36	1
2-Fluorobiphenyl	111		48 - 120	06/26/14 07:48	07/25/14 00:36	1
2-Fluorophenol	108		20 - 120	06/26/14 07:48	07/25/14 00:36	1
Nitrobenzene-d5	108		46 - 120	06/26/14 07:48	07/25/14 00:36	1
Phenol-d5	86		16 - 120	06/26/14 07:48	07/25/14 00:36	1
p-Terphenyl-d14	96		67 - 150	06/26/14 07:48	07/25/14 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.24</b>		0.20	0.060	mg/L		06/26/14 09:15	06/28/14 00:11	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/28/14 00:11	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Barium</b>	<b>0.027</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/28/14 00:11	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Cadmium</b>	<b>0.00052</b>	<b>J</b>	0.0020	0.00050	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Calcium</b>	<b>167</b>		0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Chromium</b>	<b>0.0054</b>		0.0040	0.0010	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Cobalt</b>	<b>0.0022</b>	<b>J</b>	0.0040	0.00063	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Copper</b>	<b>0.0074</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Iron</b>	<b>1.7</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Lead</b>	<b>0.0034</b>	<b>J</b>	0.010	0.0030	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Magnesium</b>	<b>64.5</b>		0.20	0.043	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Manganese</b>	<b>0.88</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Nickel</b>	<b>0.0071</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Potassium</b>	<b>1.3</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:11	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/28/14 00:11	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-32 0614**

**Lab Sample ID: 480-62670-10**

Date Collected: 06/23/14 13:10

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Sodium</b>	<b>51.2</b>		1.0	0.32	mg/L		06/26/14 09:15	06/28/14 00:11	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/28/14 00:11	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/28/14 00:11	1
<b>Zinc</b>	<b>0.020</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/28/14 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:23	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-33 0614**

**Lab Sample ID: 480-62670-11**

**Date Collected: 06/24/14 12:40**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 04:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 04:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 04:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 04:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 04:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 04:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 04:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 04:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 04:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 04:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 04:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 04:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 04:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 04:35	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 04:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 04:35	1
Acetone	ND		10	3.0	ug/L			07/03/14 04:35	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 04:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 04:35	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 04:35	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 04:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 04:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 04:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 04:35	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 04:35	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 04:35	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 04:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 04:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 04:35	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 04:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 04:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 04:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 04:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 04:35	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 04:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 04:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 04:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 04:35	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 04:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 04:35	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 04:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 04:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 04:35	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 04:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 04:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 04:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 04:35	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-33 0614**

**Lab Sample ID: 480-62670-11**

**Date Collected: 06/24/14 12:40**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		07/03/14 04:35	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/03/14 04:35	1
Toluene-d8 (Surr)	102		71 - 126		07/03/14 04:35	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		06/26/14 07:48	07/25/14 01:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/25/14 01:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/25/14 01:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:01	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 01:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/25/14 01:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/25/14 01:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:01	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/25/14 01:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 01:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:01	1
3-Nitroaniline	ND *		10	0.48	ug/L		06/26/14 07:48	07/25/14 01:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:01	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:01	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/25/14 01:01	1
4-Nitroaniline	ND *		10	0.25	ug/L		06/26/14 07:48	07/25/14 01:01	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/25/14 01:01	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/25/14 01:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/25/14 01:01	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 01:01	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/25/14 01:01	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/25/14 01:01	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 01:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/25/14 01:01	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:01	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:01	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 01:01	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:01	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/25/14 01:01	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/25/14 01:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/25/14 01:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/25/14 01:01	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 01:01	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/25/14 01:01	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/25/14 01:01	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/25/14 01:01	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-33 0614**

**Lab Sample ID: 480-62670-11**

Date Collected: 06/24/14 12:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 01:01	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/25/14 01:01	1
<b>Diethyl phthalate</b>	<b>0.23</b>	<b>J B</b>	5.0	0.22	ug/L		06/26/14 07:48	07/25/14 01:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:01	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/25/14 01:01	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:01	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:01	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/25/14 01:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:01	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:01	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/25/14 01:01	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/25/14 01:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/25/14 01:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 01:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:01	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:01	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/25/14 01:01	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/25/14 01:01	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	200	X	52 - 132	06/26/14 07:48	07/25/14 01:01	1
2-Fluorobiphenyl	97		48 - 120	06/26/14 07:48	07/25/14 01:01	1
2-Fluorophenol	89		20 - 120	06/26/14 07:48	07/25/14 01:01	1
Nitrobenzene-d5	99		46 - 120	06/26/14 07:48	07/25/14 01:01	1
Phenol-d5	61		16 - 120	06/26/14 07:48	07/25/14 01:01	1
p-Terphenyl-d14	94		67 - 150	06/26/14 07:48	07/25/14 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.52</b>		0.20	0.060	mg/L		06/26/14 09:15	06/28/14 00:14	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/28/14 00:14	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Barium</b>	<b>0.039</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/28/14 00:14	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Cadmium</b>	<b>0.0018</b>	<b>J</b>	0.0020	0.00050	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Calcium</b>	<b>70.5</b>		0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Chromium</b>	<b>0.072</b>		0.0040	0.0010	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Cobalt</b>	<b>0.0026</b>	<b>J</b>	0.0040	0.00063	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Copper</b>	<b>0.0082</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Iron</b>	<b>1.3</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Lead</b>	<b>0.0039</b>	<b>J</b>	0.010	0.0030	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Magnesium</b>	<b>21.4</b>		0.20	0.043	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Manganese</b>	<b>0.34</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Nickel</b>	<b>0.077</b>		0.010	0.0013	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Potassium</b>	<b>0.88</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:14	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/28/14 00:14	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-33 0614**

**Lab Sample ID: 480-62670-11**

Date Collected: 06/24/14 12:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Sodium</b>	<b>153</b>		1.0	0.32	mg/L		06/26/14 09:15	06/28/14 00:14	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Vanadium</b>	<b>0.0019</b>	<b>J</b>	0.0050	0.0015	mg/L		06/26/14 09:15	06/28/14 00:14	1
<b>Zinc</b>	<b>0.012</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/28/14 00:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:24	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-51 0614**

**Lab Sample ID: 480-62670-12**

**Date Collected: 06/25/14 08:25**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 04:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 04:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 04:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 04:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 04:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 04:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 04:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 04:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 04:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 04:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 04:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 04:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 04:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 04:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 04:59	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 04:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 04:59	1
Acetone	ND		10	3.0	ug/L			07/03/14 04:59	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 04:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 04:59	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 04:59	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 04:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 04:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 04:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 04:59	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 04:59	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 04:59	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 04:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 04:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 04:59	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 04:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 04:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 04:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 04:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 04:59	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 04:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 04:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 04:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 04:59	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 04:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 04:59	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 04:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 04:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 04:59	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 04:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 04:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 04:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 04:59	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-51 0614**

**Lab Sample ID: 480-62670-12**

**Date Collected: 06/25/14 08:25**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		07/03/14 04:59	1
4-Bromofluorobenzene (Surr)	95		73 - 120		07/03/14 04:59	1
Toluene-d8 (Surr)	98		71 - 126		07/03/14 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 01:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/25/14 01:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/25/14 01:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 01:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/25/14 01:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/25/14 01:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:26	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/25/14 01:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 01:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:26	1
3-Nitroaniline	ND *		10	0.48	ug/L		06/26/14 07:48	07/25/14 01:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:26	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/25/14 01:26	1
4-Nitroaniline	ND *		10	0.25	ug/L		06/26/14 07:48	07/25/14 01:26	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/25/14 01:26	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/25/14 01:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/25/14 01:26	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 01:26	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/25/14 01:26	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/25/14 01:26	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 01:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/25/14 01:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 01:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/25/14 01:26	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/25/14 01:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/25/14 01:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/25/14 01:26	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 01:26	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/25/14 01:26	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/25/14 01:26	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/25/14 01:26	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-51 0614**

**Lab Sample ID: 480-62670-12**

**Date Collected: 06/25/14 08:25**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 01:26	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/25/14 01:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/26/14 07:48	07/25/14 01:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/25/14 01:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:26	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:26	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/25/14 01:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:26	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/25/14 01:26	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/25/14 01:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/25/14 01:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 01:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:26	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:26	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/25/14 01:26	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/25/14 01:26	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	135	X	52 - 132	06/26/14 07:48	07/25/14 01:26	1
2-Fluorobiphenyl	115		48 - 120	06/26/14 07:48	07/25/14 01:26	1
2-Fluorophenol	100		20 - 120	06/26/14 07:48	07/25/14 01:26	1
Nitrobenzene-d5	118		46 - 120	06/26/14 07:48	07/25/14 01:26	1
Phenol-d5	68		16 - 120	06/26/14 07:48	07/25/14 01:26	1
p-Terphenyl-d14	109		67 - 150	06/26/14 07:48	07/25/14 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/26/14 09:15	06/28/14 00:17	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Arsenic</b>	<b>0.49</b>		0.015	0.0056	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Barium</b>	<b>0.021</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/28/14 00:17	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Cadmium</b>	<b>0.00056</b>	<b>J</b>	0.0020	0.00050	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Calcium</b>	<b>342</b>		0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Chromium</b>	<b>0.0015</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Cobalt</b>	<b>0.00081</b>	<b>J</b>	0.0040	0.00063	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Copper</b>	<b>0.0062</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Iron</b>	<b>16.8</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Lead</b>	<b>0.0052</b>	<b>J</b>	0.010	0.0030	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Magnesium</b>	<b>53.3</b>		0.20	0.043	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Manganese</b>	<b>0.75</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Nickel</b>	<b>0.0034</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Potassium</b>	<b>12.7</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:17	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/28/14 00:17	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-51 0614**

**Lab Sample ID: 480-62670-12**

Date Collected: 06/25/14 08:25

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Sodium</b>	<b>60.8</b>		1.0	0.32	mg/L		06/26/14 09:15	06/28/14 00:17	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/28/14 00:17	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/28/14 00:17	1
<b>Zinc</b>	<b>0.0073</b>	<b>J</b>	0.010	0.0015	mg/L		06/26/14 09:15	06/28/14 00:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:26	1

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-PZ-16 0614**

**Lab Sample ID: 480-62670-13**

**Date Collected: 06/24/14 14:40**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 05:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 05:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 05:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 05:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 05:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 05:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 05:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 05:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 05:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 05:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 05:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 05:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 05:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 05:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 05:22	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 05:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 05:22	1
<b>Acetone</b>	<b>3.6</b>	<b>J</b>	10	3.0	ug/L			07/03/14 05:22	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 05:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 05:22	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 05:22	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 05:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 05:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 05:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 05:22	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 05:22	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 05:22	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 05:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 05:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 05:22	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 05:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 05:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 05:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 05:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 05:22	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 05:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 05:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 05:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 05:22	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 05:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 05:22	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 05:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 05:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 05:22	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 05:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 05:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 05:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 05:22	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-PZ-16 0614**

**Lab Sample ID: 480-62670-13**

**Date Collected: 06/24/14 14:40**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		07/03/14 05:22	1
4-Bromofluorobenzene (Surr)	92		73 - 120		07/03/14 05:22	1
Toluene-d8 (Surr)	97		71 - 126		07/03/14 05:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 01:51	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/25/14 01:51	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:51	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/25/14 01:51	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:51	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:51	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:51	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 01:51	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/25/14 01:51	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/25/14 01:51	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:51	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/25/14 01:51	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 01:51	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:51	1
3-Nitroaniline	ND *		10	0.48	ug/L		06/26/14 07:48	07/25/14 01:51	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:51	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:51	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 01:51	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:51	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:51	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/25/14 01:51	1
4-Nitroaniline	ND *		10	0.25	ug/L		06/26/14 07:48	07/25/14 01:51	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/25/14 01:51	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/25/14 01:51	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/25/14 01:51	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 01:51	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/25/14 01:51	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/25/14 01:51	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 01:51	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/25/14 01:51	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:51	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:51	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 01:51	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:51	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/25/14 01:51	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/25/14 01:51	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/25/14 01:51	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 01:51	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:51	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/25/14 01:51	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 01:51	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/25/14 01:51	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/25/14 01:51	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/25/14 01:51	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-PZ-16 0614**

**Lab Sample ID: 480-62670-13**

**Date Collected: 06/24/14 14:40**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 01:51	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/25/14 01:51	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/26/14 07:48	07/25/14 01:51	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:51	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/25/14 01:51	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:51	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 01:51	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 01:51	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:51	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/25/14 01:51	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:51	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 01:51	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 01:51	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/25/14 01:51	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/25/14 01:51	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/25/14 01:51	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 01:51	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 01:51	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 01:51	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/25/14 01:51	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/25/14 01:51	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	134	X	52 - 132	06/26/14 07:48	07/25/14 01:51	1
2-Fluorobiphenyl	104		48 - 120	06/26/14 07:48	07/25/14 01:51	1
2-Fluorophenol	102		20 - 120	06/26/14 07:48	07/25/14 01:51	1
Nitrobenzene-d5	104		46 - 120	06/26/14 07:48	07/25/14 01:51	1
Phenol-d5	74		16 - 120	06/26/14 07:48	07/25/14 01:51	1
p-Terphenyl-d14	94		67 - 150	06/26/14 07:48	07/25/14 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.14</b>	<b>J</b>	0.20	0.060	mg/L		06/26/14 09:15	06/28/14 00:20	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/28/14 00:20	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Barium</b>	<b>0.051</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/28/14 00:20	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/28/14 00:20	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Calcium</b>	<b>155</b>		0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Chromium</b>	<b>0.0021</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Cobalt</b>	<b>0.0020</b>	<b>J</b>	0.0040	0.00063	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Copper</b>	<b>0.0078</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Iron</b>	<b>3.8</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Lead</b>	<b>0.0041</b>	<b>J</b>	0.010	0.0030	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Magnesium</b>	<b>36.2</b>		0.20	0.043	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Manganese</b>	<b>0.72</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Nickel</b>	<b>0.0052</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Potassium</b>	<b>3.7</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:20	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/28/14 00:20	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-PZ-16 0614**

**Lab Sample ID: 480-62670-13**

Date Collected: 06/24/14 14:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Sodium</b>	<b>11.6</b>		1.0	0.32	mg/L		06/26/14 09:15	06/28/14 00:20	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/28/14 00:20	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/28/14 00:20	1
<b>Zinc</b>	<b>0.11</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/28/14 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:27	1



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-62670-14**

**Date Collected: 06/24/14 00:00**

**Matrix: Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 05:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 05:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 05:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 05:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 05:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 05:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 05:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 05:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 05:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 05:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 05:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 05:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 05:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 05:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 05:46	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 05:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 05:46	1
Acetone	ND		10	3.0	ug/L			07/03/14 05:46	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 05:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 05:46	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 05:46	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 05:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 05:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 05:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 05:46	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 05:46	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 05:46	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 05:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 05:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 05:46	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 05:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 05:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 05:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 05:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 05:46	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 05:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 05:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 05:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 05:46	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 05:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 05:46	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 05:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 05:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 05:46	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 05:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 05:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 05:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 05:46	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-62670-14**

**Date Collected: 06/24/14 00:00**

**Matrix: Water**

**Date Received: 06/25/14 16:14**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		07/03/14 05:46	1
4-Bromofluorobenzene (Surr)	95		73 - 120		07/03/14 05:46	1
Toluene-d8 (Surr)	98		71 - 126		07/03/14 05:46	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 D 0614**

**Lab Sample ID: 480-62670-15**

**Date Collected: 06/23/14 14:35**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

**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			07/03/14 06:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 06:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 06:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 06:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 06:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 06:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 06:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 06:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 06:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 06:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 06:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 06:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 06:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 06:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 06:10	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 06:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 06:10	1
Acetone	ND		10	3.0	ug/L			07/03/14 06:10	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 06:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 06:10	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 06:10	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 06:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 06:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 06:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 06:10	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 06:10	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 06:10	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 06:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 06:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 06:10	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 06:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 06:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 06:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 06:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 06:10	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 06:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 06:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 06:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 06:10	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 06:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 06:10	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 06:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 06:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 06:10	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 06:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 06:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 06:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 06:10	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 D 0614**

**Lab Sample ID: 480-62670-15**

**Date Collected: 06/23/14 14:35**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		07/03/14 06:10	1
4-Bromofluorobenzene (Surr)	95		73 - 120		07/03/14 06:10	1
Toluene-d8 (Surr)	100		71 - 126		07/03/14 06:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 21:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/25/14 21:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 21:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/25/14 21:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 21:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 21:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 21:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 21:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/25/14 21:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/25/14 21:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 21:26	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/25/14 21:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/25/14 21:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 21:26	1
3-Nitroaniline	ND	*	10	0.48	ug/L		06/26/14 07:48	07/25/14 21:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 21:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 21:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/25/14 21:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 21:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 21:26	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/25/14 21:26	1
4-Nitroaniline	ND	*	10	0.25	ug/L		06/26/14 07:48	07/25/14 21:26	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/25/14 21:26	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/25/14 21:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/25/14 21:26	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 21:26	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/25/14 21:26	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/25/14 21:26	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/25/14 21:26	1
<b>Benzaldehyde</b>	<b>0.32</b>	<b>J</b>	5.0	0.27	ug/L		06/26/14 07:48	07/25/14 21:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 21:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 21:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 21:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 21:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/25/14 21:26	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/25/14 21:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/25/14 21:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/25/14 21:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 21:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/25/14 21:26	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 21:26	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/25/14 21:26	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/25/14 21:26	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/25/14 21:26	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 D 0614**

**Lab Sample ID: 480-62670-15**

Date Collected: 06/23/14 14:35

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/25/14 21:26	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/25/14 21:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/26/14 07:48	07/25/14 21:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 21:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/25/14 21:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 21:26	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/25/14 21:26	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/25/14 21:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 21:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/25/14 21:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 21:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/25/14 21:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/25/14 21:26	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/25/14 21:26	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/25/14 21:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/25/14 21:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/25/14 21:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/25/14 21:26	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/25/14 21:26	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/25/14 21:26	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/25/14 21:26	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/25/14 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	225	X	52 - 132	06/26/14 07:48	07/25/14 21:26	1
2-Fluorobiphenyl	103		48 - 120	06/26/14 07:48	07/25/14 21:26	1
2-Fluorophenol	103		20 - 120	06/26/14 07:48	07/25/14 21:26	1
Nitrobenzene-d5	103		46 - 120	06/26/14 07:48	07/25/14 21:26	1
Phenol-d5	74		16 - 120	06/26/14 07:48	07/25/14 21:26	1
p-Terphenyl-d14	104		67 - 150	06/26/14 07:48	07/25/14 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>1.8</b>		0.20	0.060	mg/L		06/26/14 09:15	06/28/14 00:23	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/28/14 00:23	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Barium</b>	<b>0.097</b>		0.0020	0.00070	mg/L		06/26/14 09:15	06/28/14 00:23	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/28/14 00:23	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Calcium</b>	<b>178</b>		0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Chromium</b>	<b>0.0031</b>	<b>J</b>	0.0040	0.0010	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Cobalt</b>	<b>0.00072</b>	<b>J</b>	0.0040	0.00063	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Copper</b>	<b>0.0042</b>	<b>J</b>	0.010	0.0016	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Iron</b>	<b>2.5</b>	<b>^</b>	0.050	0.019	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Lead</b>	<b>0.0045</b>	<b>J</b>	0.010	0.0030	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Magnesium</b>	<b>20.0</b>		0.20	0.043	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Manganese</b>	<b>0.081</b>		0.0030	0.00040	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Nickel</b>	<b>0.0038</b>	<b>J</b>	0.010	0.0013	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Potassium</b>	<b>5.4</b>	<b>B</b>	0.50	0.10	mg/L		06/26/14 09:15	06/28/14 00:23	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/28/14 00:23	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 D 0614**

**Lab Sample ID: 480-62670-15**

Date Collected: 06/23/14 14:35

Matrix: Ground Water

Date Received: 06/25/14 16:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Sodium</b>	<b>24.1</b>		1.0	0.32	mg/L		06/26/14 09:15	06/28/14 00:23	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Vanadium</b>	<b>0.0033</b>	<b>J</b>	0.0050	0.0015	mg/L		06/26/14 09:15	06/28/14 00:23	1
<b>Zinc</b>	<b>0.014</b>		0.010	0.0015	mg/L		06/26/14 09:15	06/28/14 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 16:29	1



# Surrogate Summary

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

TestAmerica Job ID: 480-62670-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-62670-1	BCC Area E MW-E03 0614	109	97	102
480-62670-1 MS	BCC Area E MW-E03 0614	100	100	99
480-62670-1 MSD	BCC Area E MW-E03 0614	98	96	98
480-62670-2	BCC Area E MW-E04 0614	105	94	97
480-62670-3	BCC Area E MW-E05 0614	104	97	99
480-62670-4	BCC Area E MW-E06 0614	106	96	100
480-62670-5	BCC Area E MW-E07 0614	107	93	99
480-62670-6	BCC Area E R-10 0614	105	93	96
480-62670-7	BCC Area E R-11 0614	105	93	97
480-62670-8	BCC Area E RFI-17 0614	107	97	100
480-62670-9	BCC Area E RFI-29 0614	108	97	102
480-62670-10	BCC Area E RFI-32 0614	107	94	96
480-62670-11	BCC Area E RFI-33 0614	107	97	102
480-62670-12	BCC Area E RFI-51 0614	106	95	98
480-62670-13	BCC Area E RFI-PZ-16 0614	105	92	97
480-62670-15	BCC Area E MW-E03 D 0614	106	95	100

**Surrogate Legend**

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-62670-14	TRIP BLANK	103	95	98
LCS 480-191099/5	Lab Control Sample	101	100	101
MB 480-191099/8	Method Blank	106	102	101

**Surrogate Legend**

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-62670-1	BCC Area E MW-E03 0614	198 X	95	84	95	62	101
480-62670-1 MS	BCC Area E MW-E03 0614	174 X	92	96	101	70	78
480-62670-1 MSD	BCC Area E MW-E03 0614	214 X	106	107	112	77	86
480-62670-2	BCC Area E MW-E04 0614	0 X	315 X	0 X	71	0 X	0 X
480-62670-3	BCC Area E MW-E05 0614	113	93	97	93	72	97
480-62670-4	BCC Area E MW-E06 0614	127	100	94	103	67	101
480-62670-5	BCC Area E MW-E07 0614	124	88	82	85	61	87

TestAmerica Buffalo

## Surrogate Summary

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

TestAmerica Job ID: 480-62670-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-62670-6	BCC Area E R-10 0614	225 X	94	95	95	69	97
480-62670-7	BCC Area E R-11 0614	216 X	98	85	99	69	95
480-62670-8	BCC Area E RFI-17 0614	105	85	79	88	62	95
480-62670-9	BCC Area E RFI-29 0614	124	101	93	99	70	101
480-62670-10	BCC Area E RFI-32 0614	253 X	111	108	108	86	96
480-62670-11	BCC Area E RFI-33 0614	200 X	97	89	99	61	94
480-62670-12	BCC Area E RFI-51 0614	135 X	115	100	118	68	109
480-62670-13	BCC Area E RFI-PZ-16 0614	134 X	104	102	104	74	94
480-62670-15	BCC Area E MW-E03 D 0614	225 X	103	103	103	74	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: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-189935/2-A	Lab Control Sample	126	109	117	119	82	106
MB 480-189935/1-A	Method Blank	116	104	107	111	74	107

#### Surrogate Legend

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

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: MB 480-191099/8**

**Matrix: Water**

**Analysis Batch: 191099**

**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			07/02/14 22:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/02/14 22:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/02/14 22:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/02/14 22:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/02/14 22:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/02/14 22:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/02/14 22:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/02/14 22:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/02/14 22:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/02/14 22:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/02/14 22:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/02/14 22:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/02/14 22:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/02/14 22:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/02/14 22:08	1
2-Hexanone	ND		5.0	1.2	ug/L			07/02/14 22:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/02/14 22:08	1
Acetone	ND		10	3.0	ug/L			07/02/14 22:08	1
Benzene	ND		1.0	0.41	ug/L			07/02/14 22:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/02/14 22:08	1
Bromoform	ND		1.0	0.26	ug/L			07/02/14 22:08	1
Bromomethane	ND		1.0	0.69	ug/L			07/02/14 22:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/02/14 22:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/02/14 22:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/02/14 22:08	1
Chloroethane	ND		1.0	0.32	ug/L			07/02/14 22:08	1
Chloroform	ND		1.0	0.34	ug/L			07/02/14 22:08	1
Chloromethane	ND		1.0	0.35	ug/L			07/02/14 22:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/02/14 22:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/02/14 22:08	1
Cyclohexane	ND		1.0	0.18	ug/L			07/02/14 22:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/02/14 22:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/02/14 22:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/02/14 22:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/02/14 22:08	1
Methyl acetate	ND		2.5	0.50	ug/L			07/02/14 22:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/02/14 22:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/02/14 22:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/02/14 22:08	1
Styrene	ND		1.0	0.73	ug/L			07/02/14 22:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/02/14 22:08	1
Toluene	ND		1.0	0.51	ug/L			07/02/14 22:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/02/14 22:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/02/14 22:08	1
Trichloroethene	ND		1.0	0.46	ug/L			07/02/14 22:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/02/14 22:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/02/14 22:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/02/14 22:08	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: MB 480-191099/8**

**Matrix: Water**

**Analysis Batch: 191099**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		07/02/14 22:08	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/02/14 22:08	1
Toluene-d8 (Surr)	101		71 - 126		07/02/14 22:08	1

**Lab Sample ID: LCS 480-191099/5**

**Matrix: Water**

**Analysis Batch: 191099**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	26.7		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.4		ug/L		105	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.1		ug/L		104	52 - 148
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	71 - 129
1,1-Dichloroethene	25.0	25.7		ug/L		103	58 - 121
1,2,4-Trichlorobenzene	25.0	26.9		ug/L		108	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	25.7		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 127
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	25.9		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		103	75 - 120
2-Butanone (MEK)	125	133		ug/L		107	57 - 140
2-Hexanone	125	142		ug/L		114	65 - 127
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		103	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	25.0	27.9		ug/L		112	80 - 122
Bromoform	25.0	23.2		ug/L		93	52 - 132
Bromomethane	25.0	27.1		ug/L		108	55 - 144
Carbon disulfide	25.0	26.8		ug/L		107	59 - 134
Carbon tetrachloride	25.0	27.4		ug/L		109	72 - 134
Chlorobenzene	25.0	25.3		ug/L		101	72 - 120
Chloroethane	25.0	28.8		ug/L		115	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	28.8		ug/L		115	68 - 124
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	74 - 124
Cyclohexane	25.0	26.0		ug/L		104	59 - 135
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	32.8		ug/L		131	59 - 135
Ethylbenzene	25.0	26.8		ug/L		107	77 - 123
Isopropylbenzene	25.0	28.0		ug/L		112	77 - 122
Methyl acetate	125	129		ug/L		104	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	64 - 127
Methylcyclohexane	25.0	26.5		ug/L		106	61 - 138

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: LCS 480-191099/5**

**Matrix: Water**

**Analysis Batch: 191099**

**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	26.3		ug/L		105	57 - 132
Styrene	25.0	27.0		ug/L		108	70 - 130
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	27.8		ug/L		111	72 - 123
Trichloroethene	25.0	25.9		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	27.0		ug/L		108	62 - 152
Vinyl chloride	25.0	29.0		ug/L		116	65 - 133
Xylenes, Total	50.0	53.5		ug/L		107	76 - 122

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

**Lab Sample ID: 480-62670-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 191099**

**Client Sample ID: BCC Area E MW-E03 0614**

**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	27.0		ug/L		108	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	25.0		ug/L		100	70 - 126
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.3		ug/L		109	52 - 148
1,1,2-Trichloroethane	ND		25.0	25.3		ug/L		101	76 - 122
1,1-Dichloroethane	ND		25.0	25.3		ug/L		101	71 - 129
1,1-Dichloroethene	ND		25.0	26.2		ug/L		105	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	24.7		ug/L		99	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	23.1		ug/L		93	56 - 134
1,2-Dibromoethane	ND		25.0	25.5		ug/L		102	77 - 120
1,2-Dichlorobenzene	ND		25.0	24.7		ug/L		99	80 - 124
1,2-Dichloroethane	ND		25.0	24.4		ug/L		98	75 - 127
1,2-Dichloropropane	ND		25.0	24.2		ug/L		97	76 - 120
1,3-Dichlorobenzene	ND		25.0	24.7		ug/L		99	77 - 120
1,4-Dichlorobenzene	ND		25.0	24.4		ug/L		97	75 - 120
2-Butanone (MEK)	ND		125	131		ug/L		105	57 - 140
2-Hexanone	ND		125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	127		ug/L		102	71 - 125
Acetone	3.3 J		125	123		ug/L		96	56 - 142
Benzene	ND		25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	ND		25.0	25.9		ug/L		104	80 - 122
Bromoform	ND		25.0	20.9		ug/L		84	52 - 132
Bromomethane	ND		25.0	24.4		ug/L		98	55 - 144
Carbon disulfide	ND		25.0	25.3		ug/L		101	59 - 134
Carbon tetrachloride	ND		25.0	27.3		ug/L		109	72 - 134
Chlorobenzene	ND		25.0	25.4		ug/L		102	72 - 120
Chloroethane	ND		25.0	28.5		ug/L		114	69 - 136

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: 480-62670-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 191099**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloroform	ND		25.0	24.7		ug/L		99	73 - 127
Chloromethane	ND		25.0	30.5		ug/L		122	68 - 124
cis-1,2-Dichloroethene	ND		25.0	25.6		ug/L		102	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	74 - 124
Cyclohexane	ND		25.0	27.7		ug/L		111	59 - 135
Dibromochloromethane	ND		25.0	21.7		ug/L		87	75 - 125
Dichlorodifluoromethane	ND		25.0	35.4	F1	ug/L		141	59 - 135
Ethylbenzene	ND		25.0	26.8		ug/L		107	77 - 123
Isopropylbenzene	ND		25.0	27.0		ug/L		108	77 - 122
Methyl acetate	ND		125	124		ug/L		99	74 - 133
Methyl tert-butyl ether	ND		25.0	24.6		ug/L		98	64 - 127
Methylcyclohexane	ND		25.0	28.1		ug/L		113	61 - 138
Methylene Chloride	ND		25.0	24.5		ug/L		98	57 - 132
Styrene	ND		25.0	26.5		ug/L		106	70 - 130
Tetrachloroethene	ND		25.0	26.3		ug/L		105	74 - 122
Toluene	ND		25.0	25.8		ug/L		103	80 - 122
trans-1,2-Dichloroethene	ND		25.0	26.0		ug/L		104	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	72 - 123
Trichloroethene	ND		25.0	26.0		ug/L		104	74 - 123
Trichlorofluoromethane	ND		25.0	27.2		ug/L		109	62 - 152
Vinyl chloride	ND		25.0	31.3		ug/L		125	65 - 133
Xylenes, Total	ND		50.0	52.9		ug/L		106	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	99		71 - 126

**Lab Sample ID: 480-62670-1 MSD**

**Matrix: Ground Water**

**Analysis Batch: 191099**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier					Limit	
1,1,1-Trichloroethane	ND		25.0	29.7		ug/L		119	73 - 126	10	15
1,1,2,2-Tetrachloroethane	ND		25.0	28.1		ug/L		112	70 - 126	12	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.4		ug/L		114	52 - 148	4	20
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	76 - 122	8	15
1,1-Dichloroethane	ND		25.0	27.8		ug/L		111	71 - 129	9	20
1,1-Dichloroethene	ND		25.0	27.9		ug/L		112	58 - 121	6	16
1,2,4-Trichlorobenzene	ND		25.0	28.0		ug/L		112	70 - 122	12	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.7		ug/L		103	56 - 134	10	15
1,2-Dibromoethane	ND		25.0	27.6		ug/L		110	77 - 120	8	15
1,2-Dichlorobenzene	ND		25.0	27.3		ug/L		109	80 - 124	10	20
1,2-Dichloroethane	ND		25.0	26.8		ug/L		107	75 - 127	9	20
1,2-Dichloropropane	ND		25.0	26.7		ug/L		107	76 - 120	10	20
1,3-Dichlorobenzene	ND		25.0	27.2		ug/L		109	77 - 120	10	20
1,4-Dichlorobenzene	ND		25.0	26.8		ug/L		107	75 - 120	10	20

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

Lab Sample ID: 480-62670-1 MSD

Client Sample ID: BCC Area E MW-E03 0614

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 191099

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2-Butanone (MEK)	ND		125	143		ug/L		115	57 - 140	9	20
2-Hexanone	ND		125	149		ug/L		119	65 - 127	6	15
4-Methyl-2-pentanone (MIBK)	ND		125	137		ug/L		110	71 - 125	8	35
Acetone	3.3	J	125	130		ug/L		101	56 - 142	5	15
Benzene	ND		25.0	27.7		ug/L		111	71 - 124	7	13
Bromodichloromethane	ND		25.0	28.4		ug/L		113	80 - 122	9	15
Bromoform	ND		25.0	22.7		ug/L		91	52 - 132	8	15
Bromomethane	ND		25.0	24.7		ug/L		99	55 - 144	1	15
Carbon disulfide	ND		25.0	27.4		ug/L		110	59 - 134	8	15
Carbon tetrachloride	ND		25.0	30.4		ug/L		122	72 - 134	11	15
Chlorobenzene	ND		25.0	27.2		ug/L		109	72 - 120	7	25
Chloroethane	ND		25.0	29.1		ug/L		117	69 - 136	2	15
Chloroform	ND		25.0	27.2		ug/L		109	73 - 127	9	20
Chloromethane	ND		25.0	30.6		ug/L		123	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	27.7		ug/L		111	74 - 124	8	15
cis-1,3-Dichloropropene	ND		25.0	26.9		ug/L		107	74 - 124	11	15
Cyclohexane	ND		25.0	30.1		ug/L		120	59 - 135	8	20
Dibromochloromethane	ND		25.0	23.8		ug/L		95	75 - 125	9	15
Dichlorodifluoromethane	ND		25.0	35.7	F1	ug/L		143	59 - 135	1	20
Ethylbenzene	ND		25.0	28.9		ug/L		116	77 - 123	8	15
Isopropylbenzene	ND		25.0	30.4		ug/L		122	77 - 122	12	20
Methyl acetate	ND		125	134		ug/L		107	74 - 133	7	20
Methyl tert-butyl ether	ND		25.0	27.1		ug/L		108	64 - 127	10	37
Methylcyclohexane	ND		25.0	30.2		ug/L		121	61 - 138	7	20
Methylene Chloride	ND		25.0	27.7		ug/L		111	57 - 132	12	15
Styrene	ND		25.0	28.3		ug/L		113	70 - 130	7	20
Tetrachloroethene	ND		25.0	28.1		ug/L		112	74 - 122	7	20
Toluene	ND		25.0	27.7		ug/L		111	80 - 122	7	15
trans-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	73 - 127	8	20
trans-1,3-Dichloropropene	ND		25.0	27.8		ug/L		111	72 - 123	9	15
Trichloroethene	ND		25.0	28.2		ug/L		113	74 - 123	8	16
Trichlorofluoromethane	ND		25.0	29.6		ug/L		119	62 - 152	9	20
Vinyl chloride	ND		25.0	31.8		ug/L		127	65 - 133	2	15
Xylenes, Total	ND		50.0	57.0		ug/L		114	76 - 122	7	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	98		71 - 126

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

Lab Sample ID: MB 480-189935/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 194599

Prep Batch: 189935

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 19:06	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: MB 480-189935/1-A**

**Matrix: Water**

**Analysis Batch: 194599**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/26/14 07:48	07/24/14 19:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 19:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/26/14 07:48	07/24/14 19:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 19:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 19:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 19:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 19:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/26/14 07:48	07/24/14 19:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/26/14 07:48	07/24/14 19:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 19:06	1
2-Nitroaniline	ND		10	0.42	ug/L		06/26/14 07:48	07/24/14 19:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/26/14 07:48	07/24/14 19:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 19:06	1
3-Nitroaniline	ND		10	0.48	ug/L		06/26/14 07:48	07/24/14 19:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 19:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 19:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/26/14 07:48	07/24/14 19:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 19:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 19:06	1
4-Methylphenol	ND		10	0.36	ug/L		06/26/14 07:48	07/24/14 19:06	1
4-Nitroaniline	ND		10	0.25	ug/L		06/26/14 07:48	07/24/14 19:06	1
4-Nitrophenol	ND		10	1.5	ug/L		06/26/14 07:48	07/24/14 19:06	1
Acenaphthene	ND		5.0	0.41	ug/L		06/26/14 07:48	07/24/14 19:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/26/14 07:48	07/24/14 19:06	1
Acetophenone	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 19:06	1
Aniline	ND		10	0.61	ug/L		06/26/14 07:48	07/24/14 19:06	1
Anthracene	ND		5.0	0.28	ug/L		06/26/14 07:48	07/24/14 19:06	1
Atrazine	ND		5.0	0.46	ug/L		06/26/14 07:48	07/24/14 19:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/26/14 07:48	07/24/14 19:06	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 19:06	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 19:06	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 19:06	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 19:06	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/26/14 07:48	07/24/14 19:06	1
Biphenyl	ND		5.0	0.65	ug/L		06/26/14 07:48	07/24/14 19:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/26/14 07:48	07/24/14 19:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/26/14 07:48	07/24/14 19:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 19:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/26/14 07:48	07/24/14 19:06	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 19:06	1
Caprolactam	ND		5.0	2.2	ug/L		06/26/14 07:48	07/24/14 19:06	1
Carbazole	ND		5.0	0.30	ug/L		06/26/14 07:48	07/24/14 19:06	1
Chrysene	ND		5.0	0.33	ug/L		06/26/14 07:48	07/24/14 19:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/26/14 07:48	07/24/14 19:06	1
Dibenzofuran	ND		10	0.51	ug/L		06/26/14 07:48	07/24/14 19:06	1
Diethyl phthalate	0.276	J	5.0	0.22	ug/L		06/26/14 07:48	07/24/14 19:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 19:06	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/26/14 07:48	07/24/14 19:06	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: MB 480-189935/1-A**

**Matrix: Water**

**Analysis Batch: 194599**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 19:06	1
Fluoranthene	ND		5.0	0.40	ug/L		06/26/14 07:48	07/24/14 19:06	1
Fluorene	ND		5.0	0.36	ug/L		06/26/14 07:48	07/24/14 19:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 19:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/26/14 07:48	07/24/14 19:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 19:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/26/14 07:48	07/24/14 19:06	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/26/14 07:48	07/24/14 19:06	1
Isophorone	ND		5.0	0.43	ug/L		06/26/14 07:48	07/24/14 19:06	1
Naphthalene	ND		5.0	0.76	ug/L		06/26/14 07:48	07/24/14 19:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/26/14 07:48	07/24/14 19:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/26/14 07:48	07/24/14 19:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/26/14 07:48	07/24/14 19:06	1
Pentachlorophenol	ND		10	2.2	ug/L		06/26/14 07:48	07/24/14 19:06	1
Phenanthrene	ND		5.0	0.44	ug/L		06/26/14 07:48	07/24/14 19:06	1
Phenol	ND		5.0	0.39	ug/L		06/26/14 07:48	07/24/14 19:06	1
Pyrene	ND		5.0	0.34	ug/L		06/26/14 07:48	07/24/14 19:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	116		52 - 132	06/26/14 07:48	07/24/14 19:06	1
2-Fluorobiphenyl	104		48 - 120	06/26/14 07:48	07/24/14 19:06	1
2-Fluorophenol	107		20 - 120	06/26/14 07:48	07/24/14 19:06	1
Nitrobenzene-d5	111		46 - 120	06/26/14 07:48	07/24/14 19:06	1
Phenol-d5	74		16 - 120	06/26/14 07:48	07/24/14 19:06	1
p-Terphenyl-d14	107		67 - 150	06/26/14 07:48	07/24/14 19:06	1

**Lab Sample ID: LCS 480-189935/2-A**

**Matrix: Water**

**Analysis Batch: 194599**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
2,4,5-Trichlorophenol	32.0	33.5		ug/L		105	65 - 126
2,4,6-Trichlorophenol	32.0	32.0		ug/L		100	64 - 120
2,4-Dichlorophenol	32.0	31.1		ug/L		97	64 - 120
2,4-Dimethylphenol	32.0	26.9		ug/L		84	57 - 120
2,4-Dinitrophenol	64.0	50.5		ug/L		79	42 - 153
2,4-Dinitrotoluene	32.0	32.7		ug/L		102	65 - 154
2,6-Dinitrotoluene	32.0	32.9		ug/L		103	74 - 134
2-Chloronaphthalene	32.0	28.1		ug/L		88	41 - 124
2-Chlorophenol	32.0	29.5		ug/L		92	48 - 120
2-Methylnaphthalene	32.0	28.0		ug/L		88	34 - 122
2-Methylphenol	32.0	26.9		ug/L		84	39 - 120
2-Nitroaniline	32.0	34.6		ug/L		108	67 - 136
2-Nitrophenol	32.0	32.1		ug/L		100	59 - 120
3,3'-Dichlorobenzidine	64.0	70.5	E	ug/L		110	33 - 140
3-Nitroaniline	32.0	30.3	*	ug/L		95	28 - 86
4,6-Dinitro-2-methylphenol	64.0	53.8		ug/L		84	64 - 159
4-Bromophenyl phenyl ether	32.0	30.3		ug/L		95	71 - 126

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: LCS 480-189935/2-A**

**Matrix: Water**

**Analysis Batch: 194599**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	32.0	33.8		ug/L		106	64 - 120
4-Chloroaniline	32.0	14.9		ug/L		47	10 - 77
4-Chlorophenyl phenyl ether	32.0	27.9		ug/L		87	71 - 122
4-Methylphenol	32.0	27.1		ug/L		85	39 - 120
4-Nitroaniline	32.0	58.9	E *	ug/L		184	47 - 113
4-Nitrophenol	64.0	46.6		ug/L		73	16 - 120
Acenaphthene	32.0	26.8		ug/L		84	60 - 120
Acenaphthylene	32.0	30.7		ug/L		96	63 - 120
Acetophenone	32.0	30.7		ug/L		96	45 - 120
Aniline	32.0	22.8		ug/L		71	37 - 120
Anthracene	32.0	29.9		ug/L		93	58 - 148
Atrazine	64.0	61.0	E	ug/L		95	56 - 179
Benzaldehyde	64.0	45.1		ug/L		70	30 - 140
Benzo(a)anthracene	32.0	31.1		ug/L		97	55 - 151
Benzo(a)pyrene	32.0	30.6		ug/L		96	60 - 145
Benzo(b)fluoranthene	32.0	31.5		ug/L		98	54 - 140
Benzo(g,h,i)perylene	32.0	31.4		ug/L		98	66 - 152
Benzo(k)fluoranthene	32.0	30.2		ug/L		94	51 - 153
Biphenyl	32.0	27.3		ug/L		85	30 - 140
bis (2-chloroisopropyl) ether	32.0	27.5		ug/L		86	28 - 136
Bis(2-chloroethoxy)methane	32.0	30.2		ug/L		94	50 - 128
Bis(2-chloroethyl)ether	32.0	27.5		ug/L		86	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	31.5		ug/L		98	53 - 158
Butyl benzyl phthalate	32.0	32.5		ug/L		102	58 - 163
Caprolactam	64.0	12.2		ug/L		19	14 - 56
Carbazole	32.0	43.1		ug/L		135	59 - 148
Chrysene	32.0	31.1		ug/L		97	69 - 140
Dibenz(a,h)anthracene	32.0	31.1		ug/L		97	57 - 148
Dibenzofuran	32.0	28.1		ug/L		88	49 - 137
Diethyl phthalate	32.0	31.1		ug/L		97	59 - 146
Dimethyl phthalate	32.0	30.3		ug/L		95	59 - 141
Di-n-butyl phthalate	32.0	30.9		ug/L		96	58 - 149
Di-n-octyl phthalate	32.0	32.5		ug/L		102	55 - 167
Fluoranthene	32.0	30.5		ug/L		95	55 - 147
Fluorene	32.0	28.2		ug/L		88	55 - 143
Hexachlorobenzene	32.0	29.8		ug/L		93	14 - 108
Hexachlorobutadiene	32.0	24.1		ug/L		75	14 - 108
Hexachlorocyclopentadiene	32.0	23.4		ug/L		73	13 - 119
Hexachloroethane	32.0	25.5		ug/L		80	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	32.9		ug/L		103	69 - 146
Isophorone	32.0	31.7		ug/L		99	48 - 133
Naphthalene	32.0	27.8		ug/L		87	35 - 117
Nitrobenzene	32.0	30.0		ug/L		94	45 - 123
N-Nitrosodi-n-propylamine	32.0	29.0		ug/L		91	56 - 120
N-Nitrosodiphenylamine	64.0	59.0		ug/L		92	25 - 125
Pentachlorophenol	64.0	63.8		ug/L		100	39 - 136
Phenanthrene	32.0	30.3		ug/L		95	57 - 147
Phenol	32.0	21.5		ug/L		67	17 - 120

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: LCS 480-189935/2-A**

**Matrix: Water**

**Analysis Batch: 194599**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	32.0	29.1		ug/L		91	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	126		52 - 132
2-Fluorobiphenyl	109		48 - 120
2-Fluorophenol	117		20 - 120
Nitrobenzene-d5	119		46 - 120
Phenol-d5	82		16 - 120
p-Terphenyl-d14	106		67 - 150

**Lab Sample ID: 480-62670-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 194599**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	29.8		ug/L		93	65 - 126
2,4,6-Trichlorophenol	ND		32.0	28.2		ug/L		88	64 - 120
2,4-Dichlorophenol	ND		32.0	27.8		ug/L		87	64 - 120
2,4-Dimethylphenol	ND		32.0	24.3		ug/L		76	57 - 120
2,4-Dinitrophenol	ND		64.0	46.5		ug/L		73	42 - 153
2,4-Dinitrotoluene	ND		32.0	28.6		ug/L		90	62 - 148
2,6-Dinitrotoluene	ND		32.0	28.9		ug/L		90	65 - 154
2-Chloronaphthalene	ND		32.0	23.8		ug/L		74	41 - 124
2-Chlorophenol	ND		32.0	24.6		ug/L		77	48 - 120
2-Methylnaphthalene	ND		32.0	24.0		ug/L		75	34 - 122
2-Methylphenol	ND		32.0	23.4		ug/L		73	39 - 120
2-Nitroaniline	ND		32.0	30.2		ug/L		94	67 - 136
2-Nitrophenol	ND		32.0	27.1		ug/L		85	59 - 120
3,3'-Dichlorobenzidine	ND		64.0	44.7		ug/L		70	33 - 140
3-Nitroaniline	ND *		32.0	25.0		ug/L		78	69 - 129
4,6-Dinitro-2-methylphenol	ND		64.0	71.8		ug/L		112	64 - 159
4-Bromophenyl phenyl ether	ND		32.0	41.9	F1	ug/L		131	71 - 126
4-Chloro-3-methylphenol	ND		32.0	29.9		ug/L		94	64 - 120
4-Chloroaniline	ND		32.0	13.4	F1	ug/L		42	60 - 124
4-Chlorophenyl phenyl ether	ND		32.0	24.4		ug/L		76	48 - 145
4-Methylphenol	ND		32.0	22.9		ug/L		71	36 - 120
4-Nitroaniline	ND *		32.0	50.4	E F1	ug/L		157	64 - 135
4-Nitrophenol	ND		64.0	39.6		ug/L		62	16 - 120
Acenaphthene	ND		32.0	23.8		ug/L		74	60 - 120
Acenaphthylene	ND		32.0	26.1		ug/L		82	63 - 120
Acetophenone	ND		32.0	25.4		ug/L		79	45 - 120
Aniline	ND		32.0	19.6		ug/L		61	37 - 120
Anthracene	ND		32.0	49.1	F1	ug/L		153	58 - 148
Atrazine	ND		64.0	54.2		ug/L		85	56 - 179
Benzaldehyde	ND		64.0	33.7		ug/L		53	30 - 140
Benzo(a)anthracene	ND		32.0	24.3		ug/L		76	55 - 151
Benzo(a)pyrene	ND		32.0	20.7		ug/L		65	60 - 145
Benzo(b)fluoranthene	ND		32.0	20.6		ug/L		64	54 - 140

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: 480-62670-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 194599**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzo(g,h,i)perylene	ND		32.0	19.2	F1	ug/L		60	66 - 152
Benzo(k)fluoranthene	ND		32.0	19.7		ug/L		62	51 - 153
Biphenyl	ND		32.0	24.1		ug/L		75	30 - 140
bis (2-chloroisopropyl) ether	ND		32.0	22.6		ug/L		71	28 - 136
Bis(2-chloroethoxy)methane	ND		32.0	26.0		ug/L		81	50 - 128
Bis(2-chloroethyl)ether	ND		32.0	22.5		ug/L		70	51 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	20.5		ug/L		64	53 - 158
Butyl benzyl phthalate	ND		32.0	26.7		ug/L		83	58 - 163
Caprolactam	ND		64.0	10.1	F1	ug/L		16	30 - 140
Carbazole	ND		32.0	67.3	E F1	ug/L		210	59 - 148
Chrysene	ND		32.0	23.8		ug/L		74	69 - 140
Dibenz(a,h)anthracene	ND		32.0	19.8		ug/L		62	57 - 158
Dibenzofuran	ND		32.0	24.3		ug/L		76	49 - 137
Diethyl phthalate	0.26	J B	32.0	27.1		ug/L		84	59 - 146
Dimethyl phthalate	ND		32.0	26.6		ug/L		83	59 - 141
Di-n-butyl phthalate	0.35	J	32.0	52.6	F1	ug/L		163	58 - 149
Di-n-octyl phthalate	ND		32.0	21.8		ug/L		68	55 - 167
Fluoranthene	ND		32.0	52.4	F1	ug/L		164	55 - 147
Fluorene	ND		32.0	24.2		ug/L		75	55 - 143
Hexachlorobenzene	ND		32.0	40.0		ug/L		125	38 - 131
Hexachlorobutadiene	ND		32.0	20.4		ug/L		64	14 - 108
Hexachlorocyclopentadiene	ND		32.0	20.7		ug/L		65	13 - 119
Hexachloroethane	ND		32.0	20.2		ug/L		63	14 - 101
Indeno(1,2,3-cd)pyrene	ND		32.0	19.9	F1	ug/L		62	69 - 146
Isophorone	ND		32.0	27.3		ug/L		85	48 - 133
Naphthalene	ND		32.0	24.7		ug/L		77	35 - 117
Nitrobenzene	ND		32.0	25.2		ug/L		79	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	24.4		ug/L		76	56 - 120
N-Nitrosodiphenylamine	ND		64.0	81.3	E F1	ug/L		127	25 - 125
Pentachlorophenol	ND		64.0	89.5	F1	ug/L		140	39 - 136
Phenanthrene	ND		32.0	48.1	F1	ug/L		150	57 - 147
Phenol	ND		32.0	18.4		ug/L		57	17 - 120
Pyrene	ND		32.0	25.1		ug/L		78	58 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	174	X	52 - 132
2-Fluorobiphenyl	92		48 - 120
2-Fluorophenol	96		20 - 120
Nitrobenzene-d5	101		46 - 120
Phenol-d5	70		16 - 120
p-Terphenyl-d14	78		67 - 150

**Lab Sample ID: 480-62670-1 MSD**

**Matrix: Ground Water**

**Analysis Batch: 194599**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
2,4,5-Trichlorophenol	ND		32.0	33.4		ug/L		104	65 - 126	11	18

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

Lab Sample ID: 480-62670-1 MSD

Matrix: Ground Water

Analysis Batch: 194599

Client Sample ID: BCC Area E MW-E03 0614

Prep Type: Total/NA

Prep Batch: 189935

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2,4,6-Trichlorophenol	ND		32.0	31.3		ug/L		98	64 - 120	11	19
2,4-Dichlorophenol	ND		32.0	30.1		ug/L		94	64 - 120	8	19
2,4-Dimethylphenol	ND		32.0	27.0		ug/L		84	57 - 120	10	42
2,4-Dinitrophenol	ND		64.0	50.1		ug/L		78	42 - 153	7	22
2,4-Dinitrotoluene	ND		32.0	31.9		ug/L		100	62 - 148	11	20
2,6-Dinitrotoluene	ND		32.0	32.4		ug/L		101	65 - 154	11	15
2-Chloronaphthalene	ND		32.0	26.9		ug/L		84	41 - 124	12	21
2-Chlorophenol	ND		32.0	27.9		ug/L		87	48 - 120	13	25
2-Methylnaphthalene	ND		32.0	26.9		ug/L		84	34 - 122	12	21
2-Methylphenol	ND		32.0	26.2		ug/L		82	39 - 120	12	27
2-Nitroaniline	ND		32.0	33.9		ug/L		106	67 - 136	12	15
2-Nitrophenol	ND		32.0	30.5		ug/L		95	59 - 120	11	18
3,3'-Dichlorobenzidine	ND		64.0	54.4		ug/L		85	33 - 140	19	25
3-Nitroaniline	ND *		32.0	27.9		ug/L		87	69 - 129	11	19
4,6-Dinitro-2-methylphenol	ND		64.0	83.9	F2	ug/L		131	64 - 159	16	15
4-Bromophenyl phenyl ether	ND		32.0	49.1	F1 F2	ug/L		154	71 - 126	16	15
4-Chloro-3-methylphenol	ND		32.0	33.1		ug/L		103	64 - 120	10	27
4-Chloroaniline	ND		32.0	15.8	F1	ug/L		49	60 - 124	16	22
4-Chlorophenyl phenyl ether	ND		32.0	27.6		ug/L		86	48 - 145	12	16
4-Methylphenol	ND		32.0	25.9		ug/L		81	36 - 120	12	24
4-Nitroaniline	ND *		32.0	57.8	E F1	ug/L		181	64 - 135	14	24
4-Nitrophenol	ND		64.0	43.8		ug/L		68	16 - 120	10	48
Acenaphthene	ND		32.0	26.3		ug/L		82	60 - 120	10	24
Acenaphthylene	ND		32.0	29.9		ug/L		93	63 - 120	13	18
Acetophenone	ND		32.0	29.0		ug/L		90	45 - 120	13	20
Aniline	ND		32.0	23.3		ug/L		73	37 - 120	17	30
Anthracene	ND		32.0	NQ	F1	ug/L		0	58 - 148	NC	15
Atrazine	ND		64.0	60.5	E	ug/L		94	56 - 179	11	20
Benzaldehyde	ND		64.0	39.4		ug/L		62	30 - 140	16	20
Benzo(a)anthracene	ND		32.0	26.4		ug/L		82	55 - 151	8	15
Benzo(a)pyrene	ND		32.0	23.2		ug/L		73	60 - 145	12	15
Benzo(b)fluoranthene	ND		32.0	23.8		ug/L		75	54 - 140	14	15
Benzo(g,h,i)perylene	ND		32.0	20.4	F1	ug/L		64	66 - 152	6	15
Benzo(k)fluoranthene	ND		32.0	21.6		ug/L		68	51 - 153	9	22
Biphenyl	ND		32.0	27.0		ug/L		84	30 - 140	11	20
bis (2-chloroisopropyl) ether	ND		32.0	25.3		ug/L		79	28 - 136	12	24
Bis(2-chloroethoxy)methane	ND		32.0	28.5		ug/L		89	50 - 128	9	17
Bis(2-chloroethyl)ether	ND		32.0	25.5		ug/L		80	51 - 120	12	21
Bis(2-ethylhexyl) phthalate	ND		32.0	22.5		ug/L		70	53 - 158	9	15
Butyl benzyl phthalate	ND		32.0	29.6		ug/L		92	58 - 163	10	16
Caprolactam	ND		64.0	11.0	F1	ug/L		17	30 - 140	9	20
Carbazole	ND		32.0	80.5	E F1	ug/L		252	59 - 148	18	20
Chrysene	ND		32.0	27.3		ug/L		85	69 - 140	14	15
Dibenz(a,h)anthracene	ND		32.0	21.3		ug/L		67	57 - 158	7	15
Dibenzofuran	ND		32.0	27.2		ug/L		85	49 - 137	11	15
Diethyl phthalate	0.26	J B	32.0	30.8		ug/L		95	59 - 146	13	15
Dimethyl phthalate	ND		32.0	29.9		ug/L		94	59 - 141	12	15
Di-n-butyl phthalate	0.35	J	32.0	NQ	F1	ug/L		0	58 - 149	NC	15

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

**Lab Sample ID: 480-62670-1 MSD**

**Matrix: Ground Water**

**Analysis Batch: 194599**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

**Prep Batch: 189935**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-octyl phthalate	ND		32.0	24.0		ug/L		75	55 - 167	9	16
Fluoranthene	ND		32.0	NQ	F1	ug/L		0	55 - 147	NC	15
Fluorene	ND		32.0	27.2		ug/L		85	55 - 143	12	15
Hexachlorobenzene	ND		32.0	47.0	F1 F2	ug/L		147	38 - 131	16	15
Hexachlorobutadiene	ND		32.0	23.0		ug/L		72	14 - 108	12	44
Hexachlorocyclopentadiene	ND		32.0	22.2		ug/L		69	13 - 119	7	49
Hexachloroethane	ND		32.0	23.8		ug/L		74	14 - 101	16	46
Indeno(1,2,3-cd)pyrene	ND		32.0	21.5	F1	ug/L		67	69 - 146	7	15
Isophorone	ND		32.0	30.2		ug/L		94	48 - 133	10	17
Naphthalene	ND		32.0	26.9		ug/L		84	35 - 117	9	29
Nitrobenzene	ND		32.0	27.6		ug/L		86	45 - 123	9	24
N-Nitrosodi-n-propylamine	ND		32.0	27.2		ug/L		85	56 - 120	11	31
N-Nitrosodiphenylamine	ND		64.0	95.1	E F1 F2	ug/L		149	25 - 125	16	15
Pentachlorophenol	ND		64.0	113	F1	ug/L		176	39 - 136	23	37
Phenanthrene	ND		32.0	51.7	F1	ug/L		162	57 - 147	7	15
Phenol	ND		32.0	20.3		ug/L		64	17 - 120	10	34
Pyrene	ND		32.0	27.7		ug/L		87	58 - 136	10	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	214	X	52 - 132
2-Fluorobiphenyl	106		48 - 120
2-Fluorophenol	107		20 - 120
Nitrobenzene-d5	112		46 - 120
Phenol-d5	77		16 - 120
p-Terphenyl-d14	86		67 - 150

## Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 480-189943/1-A**

**Matrix: Water**

**Analysis Batch: 190574**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 189943**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		06/26/14 09:15	06/27/14 23:07	1
Antimony	ND		0.020	0.0068	mg/L		06/26/14 09:15	06/27/14 23:07	1
Arsenic	ND		0.015	0.0056	mg/L		06/26/14 09:15	06/27/14 23:07	1
Barium	ND		0.0020	0.00070	mg/L		06/26/14 09:15	06/27/14 23:07	1
Beryllium	ND		0.0020	0.00030	mg/L		06/26/14 09:15	06/27/14 23:07	1
Cadmium	ND		0.0020	0.00050	mg/L		06/26/14 09:15	06/27/14 23:07	1
Calcium	ND		0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:07	1
Chromium	ND		0.0040	0.0010	mg/L		06/26/14 09:15	06/27/14 23:07	1
Cobalt	ND		0.0040	0.00063	mg/L		06/26/14 09:15	06/27/14 23:07	1
Copper	ND		0.010	0.0016	mg/L		06/26/14 09:15	06/27/14 23:07	1
Iron	ND		0.050	0.019	mg/L		06/26/14 09:15	06/27/14 23:07	1
Lead	ND		0.010	0.0030	mg/L		06/26/14 09:15	06/27/14 23:07	1
Magnesium	ND		0.20	0.043	mg/L		06/26/14 09:15	06/27/14 23:07	1
Manganese	ND		0.0030	0.00040	mg/L		06/26/14 09:15	06/27/14 23:07	1
Nickel	ND		0.010	0.0013	mg/L		06/26/14 09:15	06/27/14 23:07	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

Lab Sample ID: MB 480-189943/1-A

Matrix: Water

Analysis Batch: 190574

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 189943

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Potassium	0.158	J	0.50	0.10	mg/L		06/26/14 09:15	06/27/14 23:07	1
Selenium	ND		0.025	0.0087	mg/L		06/26/14 09:15	06/27/14 23:07	1
Silver	ND		0.0060	0.0017	mg/L		06/26/14 09:15	06/27/14 23:07	1
Sodium	ND		1.0	0.32	mg/L		06/26/14 09:15	06/27/14 23:07	1
Thallium	ND		0.020	0.010	mg/L		06/26/14 09:15	06/27/14 23:07	1
Vanadium	ND		0.0050	0.0015	mg/L		06/26/14 09:15	06/27/14 23:07	1
Zinc	ND		0.010	0.0015	mg/L		06/26/14 09:15	06/27/14 23:07	1

Lab Sample ID: LCS 480-189943/2-A

Matrix: Water

Analysis Batch: 190574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 189943

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Aluminum	10.0	9.67		mg/L		97	80 - 120
Antimony	0.200	0.177		mg/L		88	80 - 120
Arsenic	0.200	0.175		mg/L		87	80 - 120
Barium	0.200	0.191		mg/L		95	80 - 120
Beryllium	0.200	0.186		mg/L		93	80 - 120
Cadmium	0.200	0.182		mg/L		91	80 - 120
Calcium	10.0	9.33		mg/L		93	80 - 120
Chromium	0.200	0.186		mg/L		93	80 - 120
Cobalt	0.200	0.182		mg/L		91	80 - 120
Copper	0.200	0.183		mg/L		91	80 - 120
Iron	10.0	9.23		mg/L		92	80 - 120
Lead	0.200	0.180		mg/L		90	80 - 120
Magnesium	10.0	9.59		mg/L		96	80 - 120
Manganese	0.200	0.190		mg/L		95	80 - 120
Nickel	0.200	0.179		mg/L		90	80 - 120
Potassium	10.0	9.14		mg/L		91	80 - 120
Selenium	0.200	0.178		mg/L		89	80 - 120
Silver	0.0500	0.0447		mg/L		89	80 - 120
Sodium	10.0	9.17		mg/L		92	80 - 120
Thallium	0.200	0.189		mg/L		94	80 - 120
Vanadium	0.200	0.190		mg/L		95	80 - 120
Zinc	0.200	0.186		mg/L		93	80 - 120

Lab Sample ID: 480-62670-1 MS

Matrix: Ground Water

Analysis Batch: 190574

Client Sample ID: BCC Area E MW-E03 0614

Prep Type: Total/NA

Prep Batch: 189943

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Aluminum	1.8		10.0	13.17		mg/L		114	75 - 125
Antimony	ND		0.200	0.200		mg/L		100	75 - 125
Arsenic	ND		0.200	0.205		mg/L		103	75 - 125
Barium	0.096		0.200	0.296		mg/L		100	75 - 125
Beryllium	ND		0.200	0.203		mg/L		102	75 - 125
Cadmium	ND		0.200	0.203		mg/L		102	75 - 125
Calcium	170		10.0	180.8	4	mg/L		105	75 - 125
Chromium	0.0033	J	0.200	0.203		mg/L		100	75 - 125

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

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

Lab Sample ID: 480-62670-1 MS

Matrix: Ground Water

Analysis Batch: 190574

Client Sample ID: BCC Area E MW-E03 0614

Prep Type: Total/NA

Prep Batch: 189943

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Cobalt	0.00076	J	0.200	0.204		mg/L		102	75 - 125	
Copper	0.0043	J	0.200	0.203		mg/L		99	75 - 125	
Iron	2.4		10.0	12.46		mg/L		100	75 - 125	
Lead	ND		0.200	0.204		mg/L		102	75 - 125	
Magnesium	19.2		10.0	29.18		mg/L		100	75 - 125	
Manganese	0.077		0.200	0.276		mg/L		100	75 - 125	
Nickel	0.0040	J	0.200	0.200		mg/L		98	75 - 125	
Potassium	5.2	B	10.0	15.26		mg/L		101	75 - 125	
Selenium	ND		0.200	0.210		mg/L		105	75 - 125	
Silver	ND		0.0500	0.0507		mg/L		101	75 - 125	
Sodium	23.3		10.0	32.77		mg/L		95	75 - 125	
Thallium	ND		0.200	0.205		mg/L		102	75 - 125	
Vanadium	0.0032	J	0.200	0.212		mg/L		104	75 - 125	
Zinc	0.014		0.200	0.209		mg/L		97	75 - 125	

Lab Sample ID: 480-62670-1 MSD

Matrix: Ground Water

Analysis Batch: 190574

Client Sample ID: BCC Area E MW-E03 0614

Prep Type: Total/NA

Prep Batch: 189943

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Aluminum	1.8		10.0	13.17		mg/L		114	75 - 125	0	20	
Antimony	ND		0.200	0.201		mg/L		101	75 - 125	0	20	
Arsenic	ND		0.200	0.205		mg/L		103	75 - 125	0	20	
Barium	0.096		0.200	0.304		mg/L		104	75 - 125	2	20	
Beryllium	ND		0.200	0.204		mg/L		102	75 - 125	0	20	
Cadmium	ND		0.200	0.204		mg/L		102	75 - 125	0	20	
Calcium	170		10.0	182.6	4	mg/L		123	75 - 125	1	20	
Chromium	0.0033	J	0.200	0.201		mg/L		99	75 - 125	1	20	
Cobalt	0.00076	J	0.200	0.204		mg/L		102	75 - 125	0	20	
Copper	0.0043	J	0.200	0.207		mg/L		101	75 - 125	2	20	
Iron	2.4		10.0	12.41		mg/L		100	75 - 125	0	20	
Lead	ND		0.200	0.205		mg/L		102	75 - 125	0	20	
Magnesium	19.2		10.0	29.88		mg/L		107	75 - 125	2	20	
Manganese	0.077		0.200	0.280		mg/L		101	75 - 125	1	20	
Nickel	0.0040	J	0.200	0.202		mg/L		99	75 - 125	1	20	
Potassium	5.2	B	10.0	15.53		mg/L		103	75 - 125	2	20	
Selenium	ND		0.200	0.204		mg/L		102	75 - 125	3	20	
Silver	ND		0.0500	0.0508		mg/L		102	75 - 125	0	20	
Sodium	23.3		10.0	33.89		mg/L		106	75 - 125	3	20	
Thallium	ND		0.200	0.205		mg/L		103	75 - 125	0	20	
Vanadium	0.0032	J	0.200	0.213		mg/L		105	75 - 125	0	20	
Zinc	0.014		0.200	0.208		mg/L		97	75 - 125	0	20	

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-62670-1

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 480-189975/1-A**

**Matrix: Water**

**Analysis Batch: 190160**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 189975**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/14 10:35	06/26/14 15:50	1

**Lab Sample ID: LCS 480-189975/2-A**

**Matrix: Water**

**Analysis Batch: 190160**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 189975**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00643		mg/L		96	80 - 120

**Lab Sample ID: 480-62670-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 190160**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

**Prep Batch: 189975**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00667		mg/L		100	75 - 125

**Lab Sample ID: 480-62670-1 MSD**

**Matrix: Ground Water**

**Analysis Batch: 190160**

**Client Sample ID: BCC Area E MW-E03 0614**

**Prep Type: Total/NA**

**Prep Batch: 189975**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00662		mg/L		99	75 - 125	1	20

# QC Association Summary

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

TestAmerica Job ID: 480-62670-1

## GC/MS VOA

### Analysis Batch: 191099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-1	BCC Area E MW-E03 0614	Total/NA	Ground Water	8260C	
480-62670-1 MS	BCC Area E MW-E03 0614	Total/NA	Ground Water	8260C	
480-62670-1 MSD	BCC Area E MW-E03 0614	Total/NA	Ground Water	8260C	
480-62670-2	BCC Area E MW-E04 0614	Total/NA	Ground Water	8260C	
480-62670-3	BCC Area E MW-E05 0614	Total/NA	Ground Water	8260C	
480-62670-4	BCC Area E MW-E06 0614	Total/NA	Ground Water	8260C	
480-62670-5	BCC Area E MW-E07 0614	Total/NA	Ground Water	8260C	
480-62670-6	BCC Area E R-10 0614	Total/NA	Ground Water	8260C	
480-62670-7	BCC Area E R-11 0614	Total/NA	Ground Water	8260C	
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	8260C	
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	8260C	
480-62670-10	BCC Area E RFI-32 0614	Total/NA	Ground Water	8260C	
480-62670-11	BCC Area E RFI-33 0614	Total/NA	Ground Water	8260C	
480-62670-12	BCC Area E RFI-51 0614	Total/NA	Ground Water	8260C	
480-62670-13	BCC Area E RFI-PZ-16 0614	Total/NA	Ground Water	8260C	
480-62670-14	TRIP BLANK	Total/NA	Water	8260C	
480-62670-15	BCC Area E MW-E03 D 0614	Total/NA	Ground Water	8260C	
LCS 480-191099/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-191099/8	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 189935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-1	BCC Area E MW-E03 0614	Total/NA	Ground Water	3510C	
480-62670-1 MS	BCC Area E MW-E03 0614	Total/NA	Ground Water	3510C	
480-62670-1 MSD	BCC Area E MW-E03 0614	Total/NA	Ground Water	3510C	
480-62670-2	BCC Area E MW-E04 0614	Total/NA	Ground Water	3510C	
480-62670-3	BCC Area E MW-E05 0614	Total/NA	Ground Water	3510C	
480-62670-4	BCC Area E MW-E06 0614	Total/NA	Ground Water	3510C	
480-62670-5	BCC Area E MW-E07 0614	Total/NA	Ground Water	3510C	
480-62670-6	BCC Area E R-10 0614	Total/NA	Ground Water	3510C	
480-62670-7	BCC Area E R-11 0614	Total/NA	Ground Water	3510C	
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	3510C	
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	3510C	
480-62670-10	BCC Area E RFI-32 0614	Total/NA	Ground Water	3510C	
480-62670-11	BCC Area E RFI-33 0614	Total/NA	Ground Water	3510C	
480-62670-12	BCC Area E RFI-51 0614	Total/NA	Ground Water	3510C	
480-62670-13	BCC Area E RFI-PZ-16 0614	Total/NA	Ground Water	3510C	
480-62670-15	BCC Area E MW-E03 D 0614	Total/NA	Ground Water	3510C	
LCS 480-189935/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-189935/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 194599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-1	BCC Area E MW-E03 0614	Total/NA	Ground Water	8270D	189935
480-62670-1 MS	BCC Area E MW-E03 0614	Total/NA	Ground Water	8270D	189935
480-62670-1 MSD	BCC Area E MW-E03 0614	Total/NA	Ground Water	8270D	189935
480-62670-3	BCC Area E MW-E05 0614	Total/NA	Ground Water	8270D	189935
480-62670-4	BCC Area E MW-E06 0614	Total/NA	Ground Water	8270D	189935

TestAmerica Buffalo

# QC Association Summary

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

TestAmerica Job ID: 480-62670-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 194599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-5	BCC Area E MW-E07 0614	Total/NA	Ground Water	8270D	189935
480-62670-6	BCC Area E R-10 0614	Total/NA	Ground Water	8270D	189935
480-62670-7	BCC Area E R-11 0614	Total/NA	Ground Water	8270D	189935
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	8270D	189935
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	8270D	189935
480-62670-10	BCC Area E RFI-32 0614	Total/NA	Ground Water	8270D	189935
480-62670-11	BCC Area E RFI-33 0614	Total/NA	Ground Water	8270D	189935
480-62670-12	BCC Area E RFI-51 0614	Total/NA	Ground Water	8270D	189935
480-62670-13	BCC Area E RFI-PZ-16 0614	Total/NA	Ground Water	8270D	189935
LCS 480-189935/2-A	Lab Control Sample	Total/NA	Water	8270D	189935
MB 480-189935/1-A	Method Blank	Total/NA	Water	8270D	189935

### Analysis Batch: 194860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-2	BCC Area E MW-E04 0614	Total/NA	Ground Water	8270D	189935
480-62670-15	BCC Area E MW-E03 D 0614	Total/NA	Ground Water	8270D	189935

## Metals

### Prep Batch: 189943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-1	BCC Area E MW-E03 0614	Total/NA	Ground Water	3005A	
480-62670-1 MS	BCC Area E MW-E03 0614	Total/NA	Ground Water	3005A	
480-62670-1 MSD	BCC Area E MW-E03 0614	Total/NA	Ground Water	3005A	
480-62670-2	BCC Area E MW-E04 0614	Total/NA	Ground Water	3005A	
480-62670-3	BCC Area E MW-E05 0614	Total/NA	Ground Water	3005A	
480-62670-4	BCC Area E MW-E06 0614	Total/NA	Ground Water	3005A	
480-62670-5	BCC Area E MW-E07 0614	Total/NA	Ground Water	3005A	
480-62670-6	BCC Area E R-10 0614	Total/NA	Ground Water	3005A	
480-62670-7	BCC Area E R-11 0614	Total/NA	Ground Water	3005A	
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	3005A	
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	3005A	
480-62670-10	BCC Area E RFI-32 0614	Total/NA	Ground Water	3005A	
480-62670-11	BCC Area E RFI-33 0614	Total/NA	Ground Water	3005A	
480-62670-12	BCC Area E RFI-51 0614	Total/NA	Ground Water	3005A	
480-62670-13	BCC Area E RFI-PZ-16 0614	Total/NA	Ground Water	3005A	
480-62670-15	BCC Area E MW-E03 D 0614	Total/NA	Ground Water	3005A	
LCS 480-189943/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-189943/1-A	Method Blank	Total/NA	Water	3005A	

### Prep Batch: 189975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-1	BCC Area E MW-E03 0614	Total/NA	Ground Water	7470A	
480-62670-1 MS	BCC Area E MW-E03 0614	Total/NA	Ground Water	7470A	
480-62670-1 MSD	BCC Area E MW-E03 0614	Total/NA	Ground Water	7470A	
480-62670-2	BCC Area E MW-E04 0614	Total/NA	Ground Water	7470A	
480-62670-3	BCC Area E MW-E05 0614	Total/NA	Ground Water	7470A	
480-62670-4	BCC Area E MW-E06 0614	Total/NA	Ground Water	7470A	
480-62670-5	BCC Area E MW-E07 0614	Total/NA	Ground Water	7470A	
480-62670-6	BCC Area E R-10 0614	Total/NA	Ground Water	7470A	

TestAmerica Buffalo

# QC Association Summary

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

TestAmerica Job ID: 480-62670-1

## Metals (Continued)

### Prep Batch: 189975 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-7	BCC Area E R-11 0614	Total/NA	Ground Water	7470A	
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	7470A	
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	7470A	
480-62670-10	BCC Area E RFI-32 0614	Total/NA	Ground Water	7470A	
480-62670-11	BCC Area E RFI-33 0614	Total/NA	Ground Water	7470A	
480-62670-12	BCC Area E RFI-51 0614	Total/NA	Ground Water	7470A	
480-62670-13	BCC Area E RFI-PZ-16 0614	Total/NA	Ground Water	7470A	
480-62670-15	BCC Area E MW-E03 D 0614	Total/NA	Ground Water	7470A	
LCS 480-189975/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-189975/1-A	Method Blank	Total/NA	Water	7470A	

### Analysis Batch: 190160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-1	BCC Area E MW-E03 0614	Total/NA	Ground Water	7470A	189975
480-62670-1 MS	BCC Area E MW-E03 0614	Total/NA	Ground Water	7470A	189975
480-62670-1 MSD	BCC Area E MW-E03 0614	Total/NA	Ground Water	7470A	189975
480-62670-2	BCC Area E MW-E04 0614	Total/NA	Ground Water	7470A	189975
480-62670-3	BCC Area E MW-E05 0614	Total/NA	Ground Water	7470A	189975
480-62670-4	BCC Area E MW-E06 0614	Total/NA	Ground Water	7470A	189975
480-62670-5	BCC Area E MW-E07 0614	Total/NA	Ground Water	7470A	189975
480-62670-6	BCC Area E R-10 0614	Total/NA	Ground Water	7470A	189975
480-62670-7	BCC Area E R-11 0614	Total/NA	Ground Water	7470A	189975
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	7470A	189975
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	7470A	189975
480-62670-10	BCC Area E RFI-32 0614	Total/NA	Ground Water	7470A	189975
480-62670-11	BCC Area E RFI-33 0614	Total/NA	Ground Water	7470A	189975
480-62670-12	BCC Area E RFI-51 0614	Total/NA	Ground Water	7470A	189975
480-62670-13	BCC Area E RFI-PZ-16 0614	Total/NA	Ground Water	7470A	189975
480-62670-15	BCC Area E MW-E03 D 0614	Total/NA	Ground Water	7470A	189975
LCS 480-189975/2-A	Lab Control Sample	Total/NA	Water	7470A	189975
MB 480-189975/1-A	Method Blank	Total/NA	Water	7470A	189975

### Analysis Batch: 190574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-1	BCC Area E MW-E03 0614	Total/NA	Ground Water	6010C	189943
480-62670-1 MS	BCC Area E MW-E03 0614	Total/NA	Ground Water	6010C	189943
480-62670-1 MSD	BCC Area E MW-E03 0614	Total/NA	Ground Water	6010C	189943
480-62670-2	BCC Area E MW-E04 0614	Total/NA	Ground Water	6010C	189943
480-62670-3	BCC Area E MW-E05 0614	Total/NA	Ground Water	6010C	189943
480-62670-4	BCC Area E MW-E06 0614	Total/NA	Ground Water	6010C	189943
480-62670-5	BCC Area E MW-E07 0614	Total/NA	Ground Water	6010C	189943
480-62670-6	BCC Area E R-10 0614	Total/NA	Ground Water	6010C	189943
480-62670-7	BCC Area E R-11 0614	Total/NA	Ground Water	6010C	189943
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	6010C	189943
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	6010C	189943
480-62670-10	BCC Area E RFI-32 0614	Total/NA	Ground Water	6010C	189943
480-62670-11	BCC Area E RFI-33 0614	Total/NA	Ground Water	6010C	189943
480-62670-12	BCC Area E RFI-51 0614	Total/NA	Ground Water	6010C	189943
480-62670-13	BCC Area E RFI-PZ-16 0614	Total/NA	Ground Water	6010C	189943
480-62670-15	BCC Area E MW-E03 D 0614	Total/NA	Ground Water	6010C	189943
LCS 480-189943/2-A	Lab Control Sample	Total/NA	Water	6010C	189943

TestAmerica Buffalo

# QC Association Summary

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

TestAmerica Job ID: 480-62670-1

## Metals (Continued)

### Analysis Batch: 190574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-189943/1-A	Method Blank	Total/NA	Water	6010C	189943

### Analysis Batch: 190946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62670-8	BCC Area E RFI-17 0614	Total/NA	Ground Water	6010C	189943
480-62670-9	BCC Area E RFI-29 0614	Total/NA	Ground Water	6010C	189943

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



# Lab Chronicle

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 0614**

**Lab Sample ID: 480-62670-1**

Date Collected: 06/23/14 14:15

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 00:39	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/24/14 20:46	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:13	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 15:55	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E04 0614**

**Lab Sample ID: 480-62670-2**

Date Collected: 06/24/14 09:15

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 01:03	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		500	194860	07/25/14 21:01	PJQ	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:38	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:06	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E05 0614**

**Lab Sample ID: 480-62670-3**

Date Collected: 06/24/14 13:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 01:27	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/24/14 21:37	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:41	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:07	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E06 0614**

**Lab Sample ID: 480-62670-4**

Date Collected: 06/25/14 09:25

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 01:50	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/24/14 22:03	DMR	TAL BUF

TestAmerica Buffalo

# Lab Chronicle

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E06 0614**

**Lab Sample ID: 480-62670-4**

Date Collected: 06/25/14 09:25

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:44	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:09	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E07 0614**

**Lab Sample ID: 480-62670-5**

Date Collected: 06/24/14 15:20

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 02:14	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/24/14 22:28	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:47	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:11	LRK	TAL BUF

**Client Sample ID: BCC Area E R-10 0614**

**Lab Sample ID: 480-62670-6**

Date Collected: 06/24/14 10:10

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 02:37	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/24/14 22:54	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:50	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:12	LRK	TAL BUF

**Client Sample ID: BCC Area E R-11 0614**

**Lab Sample ID: 480-62670-7**

Date Collected: 06/23/14 15:45

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 03:01	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/24/14 23:20	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:53	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:14	LRK	TAL BUF

TestAmerica Buffalo

# Lab Chronicle

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E RFI-17 0614**

**Lab Sample ID: 480-62670-8**

Date Collected: 06/24/14 08:30

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 03:25	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/24/14 23:45	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/27/14 23:56	ZL	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190946	07/01/14 13:12	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:16	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-29 0614**

**Lab Sample ID: 480-62670-9**

Date Collected: 06/24/14 11:30

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 03:48	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/25/14 00:10	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/28/14 00:08	ZL	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190946	07/01/14 13:14	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:17	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-32 0614**

**Lab Sample ID: 480-62670-10**

Date Collected: 06/23/14 13:10

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	191099	07/03/14 04:12	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/25/14 00:36	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/28/14 00:11	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:23	LRK	TAL BUF

# Lab Chronicle

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

TestAmerica Job ID: 480-62670-1

## Client Sample ID: BCC Area E RFI-33 0614

Lab Sample ID: 480-62670-11

Date Collected: 06/24/14 12:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 04:35	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/25/14 01:01	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/28/14 00:14	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:24	LRK	TAL BUF

## Client Sample ID: BCC Area E RFI-51 0614

Lab Sample ID: 480-62670-12

Date Collected: 06/25/14 08:25

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 04:59	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/25/14 01:26	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/28/14 00:17	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:26	LRK	TAL BUF

## Client Sample ID: BCC Area E RFI-PZ-16 0614

Lab Sample ID: 480-62670-13

Date Collected: 06/24/14 14:40

Matrix: Ground Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 05:22	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194599	07/25/14 01:51	DMR	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/28/14 00:20	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:27	LRK	TAL BUF

## Client Sample ID: TRIP BLANK

Lab Sample ID: 480-62670-14

Date Collected: 06/24/14 00:00

Matrix: Water

Date Received: 06/25/14 16:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 05:46	GTG	TAL BUF

TestAmerica Buffalo

# Lab Chronicle

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

TestAmerica Job ID: 480-62670-1

**Client Sample ID: BCC Area E MW-E03 D 0614**

**Lab Sample ID: 480-62670-15**

**Date Collected: 06/23/14 14:35**

**Matrix: Ground Water**

**Date Received: 06/25/14 16:14**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191099	07/03/14 06:10	GTG	TAL BUF
Total/NA	Prep	3510C			189935	06/26/14 07:48	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194860	07/25/14 21:26	PJQ	TAL BUF
Total/NA	Prep	3005A			189943	06/26/14 09:15	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190574	06/28/14 00:23	ZL	TAL BUF
Total/NA	Prep	7470A			189975	06/26/14 10:35	SS1	TAL BUF
Total/NA	Analysis	7470A		1	190160	06/26/14 16:29	LRK	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: 480-62670-1

## 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	03-31-15

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Method Summary

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

TestAmerica Job ID: 480-62670-1

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: 480-62670-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-62670-1	BCC Area E MW-E03 0614	Ground Water	06/23/14 14:15	06/25/14 16:14
480-62670-2	BCC Area E MW-E04 0614	Ground Water	06/24/14 09:15	06/25/14 16:14
480-62670-3	BCC Area E MW-E05 0614	Ground Water	06/24/14 13:40	06/25/14 16:14
480-62670-4	BCC Area E MW-E06 0614	Ground Water	06/25/14 09:25	06/25/14 16:14
480-62670-5	BCC Area E MW-E07 0614	Ground Water	06/24/14 15:20	06/25/14 16:14
480-62670-6	BCC Area E R-10 0614	Ground Water	06/24/14 10:10	06/25/14 16:14
480-62670-7	BCC Area E R-11 0614	Ground Water	06/23/14 15:45	06/25/14 16:14
480-62670-8	BCC Area E RFI-17 0614	Ground Water	06/24/14 08:30	06/25/14 16:14
480-62670-9	BCC Area E RFI-29 0614	Ground Water	06/24/14 11:30	06/25/14 16:14
480-62670-10	BCC Area E RFI-32 0614	Ground Water	06/23/14 13:10	06/25/14 16:14
480-62670-11	BCC Area E RFI-33 0614	Ground Water	06/24/14 12:40	06/25/14 16:14
480-62670-12	BCC Area E RFI-51 0614	Ground Water	06/25/14 08:25	06/25/14 16:14
480-62670-13	BCC Area E RFI-PZ-16 0614	Ground Water	06/24/14 14:40	06/25/14 16:14
480-62670-14	TRIP BLANK	Water	06/24/14 00:00	06/25/14 16:14
480-62670-15	BCC Area E MW-E03 D 0614	Ground Water	06/23/14 14:35	06/25/14 16:14



TestAmerica Buffalo  
10 Hazelwood Drive  
Amherst, NY 14228  
Phone 716 504 9852 fax 716 693 7993

TestAmerica  
THE LEADER IN ENVIRONMENTAL TESTING  
TestAmerica Laboratories, Inc.  
COC No. 21-973-11-06-14  
Lab No. 0913-OMM



480-62670 Chain of Custody

Project Manager: Schove, John Tel/Fax: (716) 912-9926		Lab Contact: Schove, John	
Analysis Turnaround Time (Calendar (C) or Work Days (W) W)		Date/Time of COCs	
Sample Date	Sample Time	Sample Type	Matrix
Sample Identification	Sample Time	Sample Type	Matrix
BCC_Area E_R-10_C 14	12:00	G	W
BCC_Area E_R-11_C 14	13:40	G	W
BCC_Area E_RFI-17_C 14	08:00	G	W
BCC_Area E_RFI-29_C 14	11:30	G	W
BCC_Area E_RFI-32_C 14	13:00	G	W
BCC_Area E_RFI-33_C 14	12:40	G	W
BCC_Area E_RFI-51_C 14	08:15	G	W
BCC_Area E_RFI-P2-16_C 14	14:40	G	W
BCC_Area E_MW-E03_C 14	14:15	G	W
BCC_Area E_MW-E04_C 14	09:15	G	W
BCC_Area E_MW-E05_C 14	13:40	G	W
BCC_Area E_MW-E06_C 14	08:35	G	W
BCC_Area E_MW-E07_C 14	15:40	G	W
BCC_Area E_4-5-E03_D_C 14	14:35	G	W
BCC_Area E_MW-E08_MS_C 14	14:50	G	W
BCC_Area E_MW-E03_MSD_C 14	15:10	G	W
Trip Blank	N/A	N/A	W

Return To Client  
 Disposal By Lab  
 Archive For \_\_\_\_\_ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  
 Disposal By Lab  
 Archive For \_\_\_\_\_ Months

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial  
 Relinquished by: [Signature] Date/Time: 6/25/14 16:14  
 Relinquished by: [Signature] Date/Time: 6/25/14 16:14  
 Relinquished by: [Signature] Date/Time: 6/25/14 16:14

Special Instructions/Comments: TEMP SIG 418 414 510 #1 FILE



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-62670-1

**Login Number: 62670**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Stau, Brandon 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.	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: 480-67020-1

Client Project/Site: Buffalo Color Area E Wells

Sampling Event: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

9/22/2014 12:06:32 PM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	11
Surrogate Summary . . . . .	69
QC Sample Results . . . . .	71
QC Association Summary . . . . .	93
Lab Chronicle . . . . .	97
Certification Summary . . . . .	102
Method Summary . . . . .	103
Sample Summary . . . . .	104
Chain of Custody . . . . .	105
Receipt Checklists . . . . .	108

# Definitions/Glossary

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

TestAmerica Job ID: 480-67020-1

## Qualifiers

### GC/MS VOA

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

### GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the 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.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

## Glossary

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

# Case Narrative

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

TestAmerica Job ID: 480-67020-1

## Job ID: 480-67020-1

### Laboratory: TestAmerica Buffalo

#### Narrative

#### Job Narrative 480-67020-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 9/10/2014 3:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 2.5° C, 2.8° C, 3.0° C and 3.3° C.

#### GC/MS VOA

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32 0914 (480-67020-10). 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 sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area E MW-E04 0914 (480-67020-2). Elevated reporting limits (RLs) are provided.

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

#### Metals

Method(s) 6010C: The method blank for batch 480-202059 contained total potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples BCC Area E MW-E04 0914 (480-67020-2), BCC Area E MW-E05 0914 (480-67020-3), BCC Area E MW-E06 0914 (480-67020-4), BCC Area E MW-E07 0914 (480-67020-5), BCC Area E R-10 0914 (480-67020-6), BCC Area E R-11 0914 (480-67020-7), BCC Area E RFI-17 0914 (480-67020-8), BCC Area E RFI-29 0914 (480-67020-9), BCC Area E RFI-32 0914 (480-67020-10), BCC Area E RFI-33 0914 (480-67020-11), BCC Area E RFI-33 D 0914 (480-67020-15), BCC Area E RFI-51 0914 (480-67020-12), BCC Area E RFI-PZ-16 0914 (480-67020-13), BCC Area E MW-E03 0914 (480-67020-1) was not performed.

Method(s) 6010C: The serial dilution BCC Area E RFI-PZ-16 0914 (480-67020-11 SD) associated with batch 480-202059, exhibited results outside the quality control limits for total nickel. However, the post digestion spike (PDS) was compliant so no corrective action was necessary

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

#### Organic Prep

Method(s) 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 118158. 8270

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

## Detection Summary

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E03 0914**

**Lab Sample ID: 480-67020-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.070		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	208		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0019	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.22		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	24.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.022		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0023	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.3	B	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.011	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	25.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0056	J	0.010	0.0015	mg/L	1		6010C	Total/NA

**Client Sample ID: BCC Area E MW-E04 0914**

**Lab Sample ID: 480-67020-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.75	J	1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L	1		8260C	Total/NA
Chlorobenzene	0.94	J	1.0	0.75	ug/L	1		8260C	Total/NA
Toluene	0.67	J	1.0	0.51	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	560		20	1.6	ug/L	2		8270D	Total/NA
Nitrobenzene	2.8	J	40	1.7	ug/L	2		8270D	Total/NA
Aluminum	0.74		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.11		0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.059		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	139		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0035	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0033	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.027		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	28.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.53		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.1	B	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.010	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	19.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0026	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.17		0.010	0.0015	mg/L	1		6010C	Total/NA

**Client Sample ID: BCC Area E MW-E05 0914**

**Lab Sample ID: 480-67020-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.4		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	0.53		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0099	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.059		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.016		0.0020	0.00050	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



## Detection Summary

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

TestAmerica Job ID: 480-67020-1

### Client Sample ID: BCC Area E MW-E05 0914 (Continued)

### Lab Sample ID: 480-67020-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	165		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	0.0026	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.14		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.76		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.029		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.056		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.022		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.046		0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	103		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0020	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	3.6		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E MW-E06 0914

### Lab Sample ID: 480-67020-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.20		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.032		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.033		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	348		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0019	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.014		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0082	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	77.6		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	20.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.018		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.8	B	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.0092	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	48.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0023	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.75		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E MW-E07 0914

### Lab Sample ID: 480-67020-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	17		2.0	0.14	ug/L	1		8270D	Total/NA
Acenaphthylene	0.37	J	2.0	0.15	ug/L	1		8270D	Total/NA
Anthracene	1.7	J	2.0	0.15	ug/L	1		8270D	Total/NA
Carbazole	1.3	J	2.0	0.16	ug/L	1		8270D	Total/NA
Dibenzofuran	4.7	J	9.9	0.61	ug/L	1		8270D	Total/NA
Fluoranthene	3.0		2.0	0.16	ug/L	1		8270D	Total/NA
Fluorene	9.8		2.0	0.21	ug/L	1		8270D	Total/NA
Phenanthrene	0.63	J	2.0	0.42	ug/L	1		8270D	Total/NA
Pyrene	1.6	J	2.0	0.16	ug/L	1		8270D	Total/NA
Aluminum	0.079	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.061		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.022		0.0020	0.00070	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



# Detection Summary

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

TestAmerica Job ID: 480-67020-1

## Client Sample ID: BCC Area E MW-E07 0914 (Continued)

Lab Sample ID: 480-67020-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	140		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0047		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0055	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	55.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	14.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23		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	13.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	27.6		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0028	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.029		0.010	0.0015	mg/L	1		6010C	Total/NA

## Client Sample ID: BCC Area E R-10 0914

Lab Sample ID: 480-67020-6

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
Methyl tert-butyl ether	0.37	J	1.0	0.16	ug/L	1		8260C	Total/NA
Barium	0.16		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	81.6		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0013	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	11.2		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	35.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	111		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0078	J	0.010	0.0015	mg/L	1		6010C	Total/NA

## Client Sample ID: BCC Area E R-11 0914

Lab Sample ID: 480-67020-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.3	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	55.1		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.54		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	16.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0083		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	21.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.27		0.010	0.0015	mg/L	1		6010C	Total/NA

## Client Sample ID: BCC Area E RFI-17 0914

Lab Sample ID: 480-67020-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	39		20	12	ug/L	1		8270D	Total/NA
Barium	0.032		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	173		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0025	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.034	J	0.050	0.019	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-67020-1

### Client Sample ID: BCC Area E RFI-17 0914 (Continued)

Lab Sample ID: 480-67020-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	34.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.019		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0045	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.5	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0054	J	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-29 0914

Lab Sample ID: 480-67020-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	3.0		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	1.0		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	5.4		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	15		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.0096	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.099		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	55.4		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.040	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	8.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.052		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.5	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	140		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0049	J	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-32 0914

Lab Sample ID: 480-67020-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2400		40	30	ug/L	40		8260C	Total/NA
2-Chlorophenol	23		9.8	1.6	ug/L	1		8270D	Total/NA
Aluminum	0.062	J	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	0.012		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00074	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	327		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0025	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.016		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0037	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	9.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	134		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.2		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.029		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	87.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.027		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-33 0914

Lab Sample ID: 480-67020-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.086	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.060		0.0020	0.00070	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-67020-1

### Client Sample ID: BCC Area E RFI-33 0914 (Continued)

Lab Sample ID: 480-67020-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0011	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	116		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.019		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0016	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0037	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.90		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	40.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.33		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.057		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.0	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	257		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-51 0914

Lab Sample ID: 480-67020-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.49		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00074	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	509		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0026	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0021	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0022	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	15.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0036	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	189		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.7		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	27.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	196		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 E RFI-PZ-16 0914

Lab Sample ID: 480-67020-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.060	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.080		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	230		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00090	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0045	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	56.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.38		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0082	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.011	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	23.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.21		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-67020-14**

No Detections.

**Client Sample ID: BCC Area E RFI-33 D 0914**

**Lab Sample ID: 480-67020-15**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.18	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.060		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0012	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	114		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.033		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	0.0040	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.93		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	39.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.33		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.061		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.1	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	256		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.010		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E03 0914**

**Lab Sample ID: 480-67020-1**

**Date Collected: 09/09/14 10:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 01:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 01:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 01:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 01:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 01:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 01:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 01:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 01:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 01:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 01:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 01:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 01:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 01:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 01:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 01:11	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 01:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 01:11	1
Acetone	ND		10	3.0	ug/L			09/18/14 01:11	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 01:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 01:11	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 01:11	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 01:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 01:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 01:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 01:11	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 01:11	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 01:11	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 01:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 01:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 01:11	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 01:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 01:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 01:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 01:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 01:11	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 01:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 01:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 01:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 01:11	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 01:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 01:11	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 01:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 01:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 01:11	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 01:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 01:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 01:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 01:11	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E03 0914**

**Lab Sample ID: 480-67020-1**

**Date Collected: 09/09/14 10:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		66 - 137		09/18/14 01:11	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/18/14 01:11	1
Toluene-d8 (Surr)	90		71 - 126		09/18/14 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		11	1.7	ug/L		09/15/14 09:35	09/17/14 14:01	1
2,4,6-Trichlorophenol	ND		11	1.9	ug/L		09/15/14 09:35	09/17/14 14:01	1
2,4-Dichlorophenol	ND		2.2	0.37	ug/L		09/15/14 09:35	09/17/14 14:01	1
2,4-Dimethylphenol	ND		11	0.94	ug/L		09/15/14 09:35	09/17/14 14:01	1
2,4-Dinitrophenol	ND		55	6.7	ug/L		09/15/14 09:35	09/17/14 14:01	1
2,4-Dinitrotoluene	ND		11	0.59	ug/L		09/15/14 09:35	09/17/14 14:01	1
2,6-Dinitrotoluene	ND		11	0.88	ug/L		09/15/14 09:35	09/17/14 14:01	1
2-Chloronaphthalene	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1
2-Chlorophenol	ND		11	1.8	ug/L		09/15/14 09:35	09/17/14 14:01	1
2-Methylnaphthalene	ND		2.2	0.13	ug/L		09/15/14 09:35	09/17/14 14:01	1
2-Methylphenol	ND		11	0.95	ug/L		09/15/14 09:35	09/17/14 14:01	1
2-Nitroaniline	ND		55	3.9	ug/L		09/15/14 09:35	09/17/14 14:01	1
2-Nitrophenol	ND		11	1.9	ug/L		09/15/14 09:35	09/17/14 14:01	1
3,3'-Dichlorobenzidine	ND		11	1.2	ug/L		09/15/14 09:35	09/17/14 14:01	1
3-Nitroaniline	ND		55	3.5	ug/L		09/15/14 09:35	09/17/14 14:01	1
4,6-Dinitro-2-methylphenol	ND		55	2.4	ug/L		09/15/14 09:35	09/17/14 14:01	1
4-Bromophenyl phenyl ether	ND		11	0.70	ug/L		09/15/14 09:35	09/17/14 14:01	1
4-Chloro-3-methylphenol	ND		11	0.83	ug/L		09/15/14 09:35	09/17/14 14:01	1
4-Chloroaniline	ND		11	0.97	ug/L		09/15/14 09:35	09/17/14 14:01	1
4-Chlorophenyl phenyl ether	ND		11	0.55	ug/L		09/15/14 09:35	09/17/14 14:01	1
4-Methylphenol	ND		11	0.99	ug/L		09/15/14 09:35	09/17/14 14:01	1
4-Nitroaniline	ND		55	1.9	ug/L		09/15/14 09:35	09/17/14 14:01	1
4-Nitrophenol	ND		55	7.1	ug/L		09/15/14 09:35	09/17/14 14:01	1
Acenaphthene	ND		2.2	0.16	ug/L		09/15/14 09:35	09/17/14 14:01	1
Acenaphthylene	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1
Acetophenone	ND		11	0.88	ug/L		09/15/14 09:35	09/17/14 14:01	1
Aniline	ND		11	0.79	ug/L		09/15/14 09:35	09/17/14 14:01	1
Anthracene	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1
Atrazine	ND		11	0.98	ug/L		09/15/14 09:35	09/17/14 14:01	1
Benzaldehyde	ND		11	1.6	ug/L		09/15/14 09:35	09/17/14 14:01	1
Benzo(a)anthracene	ND		2.2	0.16	ug/L		09/15/14 09:35	09/17/14 14:01	1
Benzo(a)pyrene	ND		2.2	0.15	ug/L		09/15/14 09:35	09/17/14 14:01	1
Benzo(b)fluoranthene	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1
Benzo(g,h,i)perylene	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1
Benzo(k)fluoranthene	ND		2.2	0.60	ug/L		09/15/14 09:35	09/17/14 14:01	1
Biphenyl	ND		11	0.46	ug/L		09/15/14 09:35	09/17/14 14:01	1
bis (2-chloroisopropyl) ether	ND		2.2	0.22	ug/L		09/15/14 09:35	09/17/14 14:01	1
Bis(2-chloroethoxy)methane	ND		11	0.64	ug/L		09/15/14 09:35	09/17/14 14:01	1
Bis(2-chloroethyl)ether	ND		2.2	0.28	ug/L		09/15/14 09:35	09/17/14 14:01	1
Bis(2-ethylhexyl) phthalate	ND		22	14	ug/L		09/15/14 09:35	09/17/14 14:01	1
Butyl benzyl phthalate	ND		11	1.6	ug/L		09/15/14 09:35	09/17/14 14:01	1
Caprolactam	ND		55	13	ug/L		09/15/14 09:35	09/17/14 14:01	1
Carbazole	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1
Chrysene	ND		2.2	0.15	ug/L		09/15/14 09:35	09/17/14 14:01	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E03 0914**

**Lab Sample ID: 480-67020-1**

**Date Collected: 09/09/14 10:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1
Dibenzofuran	ND		11	0.68	ug/L		09/15/14 09:35	09/17/14 14:01	1
Diethyl phthalate	ND		11	1.6	ug/L		09/15/14 09:35	09/17/14 14:01	1
Dimethyl phthalate	ND		11	0.84	ug/L		09/15/14 09:35	09/17/14 14:01	1
Di-n-butyl phthalate	ND		11	1.4	ug/L		09/15/14 09:35	09/17/14 14:01	1
Di-n-octyl phthalate	ND		11	2.3	ug/L		09/15/14 09:35	09/17/14 14:01	1
Fluoranthene	ND		2.2	0.18	ug/L		09/15/14 09:35	09/17/14 14:01	1
Fluorene	ND		2.2	0.24	ug/L		09/15/14 09:35	09/17/14 14:01	1
Hexachlorobenzene	ND		2.2	0.20	ug/L		09/15/14 09:35	09/17/14 14:01	1
Hexachlorobutadiene	ND		2.2	0.18	ug/L		09/15/14 09:35	09/17/14 14:01	1
Hexachlorocyclopentadiene	ND		11	0.57	ug/L		09/15/14 09:35	09/17/14 14:01	1
Hexachloroethane	ND		11	0.69	ug/L		09/15/14 09:35	09/17/14 14:01	1
Indeno(1,2,3-cd)pyrene	ND		2.2	0.22	ug/L		09/15/14 09:35	09/17/14 14:01	1
Isophorone	ND		11	0.71	ug/L		09/15/14 09:35	09/17/14 14:01	1
Naphthalene	ND		2.2	0.15	ug/L		09/15/14 09:35	09/17/14 14:01	1
Nitrobenzene	ND		22	0.93	ug/L		09/15/14 09:35	09/17/14 14:01	1
N-Nitrosodi-n-propylamine	ND		2.2	0.34	ug/L		09/15/14 09:35	09/17/14 14:01	1
N-Nitrosodiphenylamine	ND		11	0.94	ug/L		09/15/14 09:35	09/17/14 14:01	1
Pentachlorophenol	ND		11	0.73	ug/L		09/15/14 09:35	09/17/14 14:01	1
Phenanthrene	ND		2.2	0.47	ug/L		09/15/14 09:35	09/17/14 14:01	1
Phenol	ND		2.2	0.64	ug/L		09/15/14 09:35	09/17/14 14:01	1
Pyrene	ND		2.2	0.17	ug/L		09/15/14 09:35	09/17/14 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		33 - 122	09/15/14 09:35	09/17/14 14:01	1
2-Fluorobiphenyl	65		35 - 108	09/15/14 09:35	09/17/14 14:01	1
2-Fluorophenol	55		26 - 100	09/15/14 09:35	09/17/14 14:01	1
Nitrobenzene-d5	67		37 - 104	09/15/14 09:35	09/17/14 14:01	1
Phenol-d5	65		30 - 102	09/15/14 09:35	09/17/14 14:01	1
Terphenyl-d14 (Surr)	42		25 - 130	09/15/14 09:35	09/17/14 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.14</b>	<b>J</b>	0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:21	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:21	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Barium</b>	<b>0.070</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:21	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:21	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Calcium</b>	<b>208</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Chromium</b>	<b>0.0016</b>	<b>J</b>	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:21	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Copper</b>	<b>0.0019</b>	<b>J</b>	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Iron</b>	<b>0.22</b>		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:21	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Magnesium</b>	<b>24.4</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Manganese</b>	<b>0.022</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Nickel</b>	<b>0.0023</b>	<b>J</b>	0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Potassium</b>	<b>5.3</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Selenium</b>	<b>0.011</b>	<b>J</b>	0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:21	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E03 0914**

**Lab Sample ID: 480-67020-1**

Date Collected: 09/09/14 10:15

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Sodium</b>	<b>25.5</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:21	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:21	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:21	1
<b>Zinc</b>	<b>0.0056</b>	<b>J</b>	0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:15	1





# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E04 0914**

**Lab Sample ID: 480-67020-2**

**Date Collected: 09/08/14 15:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 01:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 01:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 01:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 01:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 01:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 01:34	1
<b>1,2,4-Trichlorobenzene</b>	<b>0.75</b>	<b>J</b>	1.0	0.41	ug/L			09/18/14 01:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 01:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 01:34	1
<b>1,2-Dichlorobenzene</b>	<b>2.1</b>		1.0	0.79	ug/L			09/18/14 01:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 01:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 01:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 01:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 01:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 01:34	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 01:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 01:34	1
Acetone	ND		10	3.0	ug/L			09/18/14 01:34	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 01:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 01:34	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 01:34	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 01:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 01:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 01:34	1
<b>Chlorobenzene</b>	<b>0.94</b>	<b>J</b>	1.0	0.75	ug/L			09/18/14 01:34	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 01:34	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 01:34	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 01:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 01:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 01:34	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 01:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 01:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 01:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 01:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 01:34	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 01:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 01:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 01:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 01:34	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 01:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 01:34	1
<b>Toluene</b>	<b>0.67</b>	<b>J</b>	1.0	0.51	ug/L			09/18/14 01:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 01:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 01:34	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 01:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 01:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 01:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 01:34	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E04 0914**

**Lab Sample ID: 480-67020-2**

**Date Collected: 09/08/14 15:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		09/18/14 01:34	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/18/14 01:34	1
Toluene-d8 (Surr)	91		71 - 126		09/18/14 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		20	3.0	ug/L		09/15/14 09:35	09/18/14 17:38	2
2,4,6-Trichlorophenol	ND		20	3.5	ug/L		09/15/14 09:35	09/18/14 17:38	2
2,4-Dichlorophenol	ND		4.0	0.66	ug/L		09/15/14 09:35	09/18/14 17:38	2
2,4-Dimethylphenol	ND		20	1.7	ug/L		09/15/14 09:35	09/18/14 17:38	2
2,4-Dinitrophenol	ND		99	12	ug/L		09/15/14 09:35	09/18/14 17:38	2
2,4-Dinitrotoluene	ND		20	1.1	ug/L		09/15/14 09:35	09/18/14 17:38	2
<b>2,6-Dinitrotoluene</b>	<b>560</b>		20	1.6	ug/L		09/15/14 09:35	09/18/14 17:38	2
2-Chloronaphthalene	ND		4.0	0.30	ug/L		09/15/14 09:35	09/18/14 17:38	2
2-Chlorophenol	ND		20	3.3	ug/L		09/15/14 09:35	09/18/14 17:38	2
2-Methylnaphthalene	ND		4.0	0.24	ug/L		09/15/14 09:35	09/18/14 17:38	2
2-Methylphenol	ND		20	1.7	ug/L		09/15/14 09:35	09/18/14 17:38	2
2-Nitroaniline	ND		99	7.0	ug/L		09/15/14 09:35	09/18/14 17:38	2
2-Nitrophenol	ND		20	3.4	ug/L		09/15/14 09:35	09/18/14 17:38	2
3,3'-Dichlorobenzidine	ND		20	2.2	ug/L		09/15/14 09:35	09/18/14 17:38	2
3-Nitroaniline	ND		99	6.4	ug/L		09/15/14 09:35	09/18/14 17:38	2
4,6-Dinitro-2-methylphenol	ND		99	4.4	ug/L		09/15/14 09:35	09/18/14 17:38	2
4-Bromophenyl phenyl ether	ND		20	1.3	ug/L		09/15/14 09:35	09/18/14 17:38	2
4-Chloro-3-methylphenol	ND		20	1.5	ug/L		09/15/14 09:35	09/18/14 17:38	2
4-Chloroaniline	ND		20	1.8	ug/L		09/15/14 09:35	09/18/14 17:38	2
4-Chlorophenyl phenyl ether	ND		20	1.0	ug/L		09/15/14 09:35	09/18/14 17:38	2
4-Methylphenol	ND		20	1.8	ug/L		09/15/14 09:35	09/18/14 17:38	2
4-Nitroaniline	ND		99	3.4	ug/L		09/15/14 09:35	09/18/14 17:38	2
4-Nitrophenol	ND		99	13	ug/L		09/15/14 09:35	09/18/14 17:38	2
Acenaphthene	ND		4.0	0.29	ug/L		09/15/14 09:35	09/18/14 17:38	2
Acenaphthylene	ND		4.0	0.30	ug/L		09/15/14 09:35	09/18/14 17:38	2
Acetophenone	ND		20	1.6	ug/L		09/15/14 09:35	09/18/14 17:38	2
Aniline	ND		20	1.4	ug/L		09/15/14 09:35	09/18/14 17:38	2
Anthracene	ND		4.0	0.30	ug/L		09/15/14 09:35	09/18/14 17:38	2
Atrazine	ND		20	1.8	ug/L		09/15/14 09:35	09/18/14 17:38	2
Benzaldehyde	ND		20	3.0	ug/L		09/15/14 09:35	09/18/14 17:38	2
Benzo(a)anthracene	ND		4.0	0.29	ug/L		09/15/14 09:35	09/18/14 17:38	2
Benzo(a)pyrene	ND		4.0	0.27	ug/L		09/15/14 09:35	09/18/14 17:38	2
Benzo(b)fluoranthene	ND		4.0	0.31	ug/L		09/15/14 09:35	09/18/14 17:38	2
Benzo(g,h,i)perylene	ND		4.0	0.30	ug/L		09/15/14 09:35	09/18/14 17:38	2
Benzo(k)fluoranthene	ND		4.0	1.1	ug/L		09/15/14 09:35	09/18/14 17:38	2
Biphenyl	ND		20	0.82	ug/L		09/15/14 09:35	09/18/14 17:38	2
bis (2-chloroisopropyl) ether	ND		4.0	0.39	ug/L		09/15/14 09:35	09/18/14 17:38	2
Bis(2-chloroethoxy)methane	ND		20	1.2	ug/L		09/15/14 09:35	09/18/14 17:38	2
Bis(2-chloroethyl)ether	ND		4.0	0.50	ug/L		09/15/14 09:35	09/18/14 17:38	2
Bis(2-ethylhexyl) phthalate	ND		40	25	ug/L		09/15/14 09:35	09/18/14 17:38	2
Butyl benzyl phthalate	ND		20	2.8	ug/L		09/15/14 09:35	09/18/14 17:38	2
Caprolactam	ND		99	24	ug/L		09/15/14 09:35	09/18/14 17:38	2
Carbazole	ND		4.0	0.31	ug/L		09/15/14 09:35	09/18/14 17:38	2
Chrysene	ND		4.0	0.28	ug/L		09/15/14 09:35	09/18/14 17:38	2

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E04 0914**

**Lab Sample ID: 480-67020-2**

**Date Collected: 09/08/14 15:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.0	0.31	ug/L		09/15/14 09:35	09/18/14 17:38	2
Dibenzofuran	ND		20	1.2	ug/L		09/15/14 09:35	09/18/14 17:38	2
Diethyl phthalate	ND		20	2.9	ug/L		09/15/14 09:35	09/18/14 17:38	2
Dimethyl phthalate	ND		20	1.5	ug/L		09/15/14 09:35	09/18/14 17:38	2
Di-n-butyl phthalate	ND		20	2.5	ug/L		09/15/14 09:35	09/18/14 17:38	2
Di-n-octyl phthalate	ND		20	4.1	ug/L		09/15/14 09:35	09/18/14 17:38	2
Fluoranthene	ND		4.0	0.32	ug/L		09/15/14 09:35	09/18/14 17:38	2
Fluorene	ND		4.0	0.43	ug/L		09/15/14 09:35	09/18/14 17:38	2
Hexachlorobenzene	ND		4.0	0.36	ug/L		09/15/14 09:35	09/18/14 17:38	2
Hexachlorobutadiene	ND		4.0	0.33	ug/L		09/15/14 09:35	09/18/14 17:38	2
Hexachlorocyclopentadiene	ND		20	1.0	ug/L		09/15/14 09:35	09/18/14 17:38	2
Hexachloroethane	ND		20	1.2	ug/L		09/15/14 09:35	09/18/14 17:38	2
Indeno(1,2,3-cd)pyrene	ND		4.0	0.39	ug/L		09/15/14 09:35	09/18/14 17:38	2
Isophorone	ND		20	1.3	ug/L		09/15/14 09:35	09/18/14 17:38	2
Naphthalene	ND		4.0	0.28	ug/L		09/15/14 09:35	09/18/14 17:38	2
<b>Nitrobenzene</b>	<b>2.8</b>	<b>J</b>	40	1.7	ug/L		09/15/14 09:35	09/18/14 17:38	2
N-Nitrosodi-n-propylamine	ND		4.0	0.61	ug/L		09/15/14 09:35	09/18/14 17:38	2
N-Nitrosodiphenylamine	ND		20	1.7	ug/L		09/15/14 09:35	09/18/14 17:38	2
Pentachlorophenol	ND		20	1.3	ug/L		09/15/14 09:35	09/18/14 17:38	2
Phenanthrene	ND		4.0	0.85	ug/L		09/15/14 09:35	09/18/14 17:38	2
Phenol	ND		4.0	1.2	ug/L		09/15/14 09:35	09/18/14 17:38	2
Pyrene	ND		4.0	0.31	ug/L		09/15/14 09:35	09/18/14 17:38	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		33 - 122	09/15/14 09:35	09/18/14 17:38	2
2-Fluorobiphenyl	85		35 - 108	09/15/14 09:35	09/18/14 17:38	2
2-Fluorophenol	74		26 - 100	09/15/14 09:35	09/18/14 17:38	2
Nitrobenzene-d5	89		37 - 104	09/15/14 09:35	09/18/14 17:38	2
Phenol-d5	86		30 - 102	09/15/14 09:35	09/18/14 17:38	2
Terphenyl-d14 (Surr)	44		25 - 130	09/15/14 09:35	09/18/14 17:38	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.74</b>		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Antimony</b>	<b>0.11</b>		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Barium</b>	<b>0.059</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:24	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Cadmium</b>	<b>0.0011</b>	<b>J</b>	0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Calcium</b>	<b>139</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Chromium</b>	<b>0.0035</b>	<b>J</b>	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Cobalt</b>	<b>0.0033</b>	<b>J</b>	0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Copper</b>	<b>0.027</b>		0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Iron</b>	<b>1.1</b>		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:24	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Magnesium</b>	<b>28.0</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Manganese</b>	<b>0.53</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Nickel</b>	<b>0.011</b>		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Potassium</b>	<b>7.1</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Selenium</b>	<b>0.010</b>	<b>J</b>	0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:24	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E04 0914**

**Lab Sample ID: 480-67020-2**

**Date Collected: 09/08/14 15:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Sodium</b>	<b>19.7</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:24	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Vanadium</b>	<b>0.0026</b>	<b>J</b>	0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:24	1
<b>Zinc</b>	<b>0.17</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:16	1



# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E05 0914**

**Lab Sample ID: 480-67020-3**

**Date Collected: 09/09/14 14:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 01:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 01:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 01:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 01:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 01:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 01:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 01:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 01:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 01:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 01:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 01:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 01:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 01:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 01:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 01:59	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 01:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 01:59	1
Acetone	ND		10	3.0	ug/L			09/18/14 01:59	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 01:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 01:59	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 01:59	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 01:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 01:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 01:59	1
<b>Chlorobenzene</b>	<b>1.4</b>		1.0	0.75	ug/L			09/18/14 01:59	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 01:59	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 01:59	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 01:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 01:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 01:59	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 01:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 01:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 01:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 01:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 01:59	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 01:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 01:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 01:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 01:59	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 01:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 01:59	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 01:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 01:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 01:59	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 01:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 01:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 01:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 01:59	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E05 0914**

**Lab Sample ID: 480-67020-3**

**Date Collected: 09/09/14 14:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		66 - 137		09/18/14 01:59	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/18/14 01:59	1
Toluene-d8 (Surr)	89		71 - 126		09/18/14 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 17:05	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 17:05	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 17:05	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 17:05	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 17:05	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		09/16/14 06:48	09/18/14 17:05	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 17:05	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:05	1
2-Chlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 17:05	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 17:05	1
2-Methylphenol	ND		10	0.86	ug/L		09/16/14 06:48	09/18/14 17:05	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 17:05	1
2-Nitrophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 17:05	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		09/16/14 06:48	09/18/14 17:05	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 17:05	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 17:05	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 17:05	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		09/16/14 06:48	09/18/14 17:05	1
4-Chloroaniline	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 17:05	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		09/16/14 06:48	09/18/14 17:05	1
4-Methylphenol	ND		10	0.90	ug/L		09/16/14 06:48	09/18/14 17:05	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 17:05	1
4-Nitrophenol	ND		50	6.5	ug/L		09/16/14 06:48	09/18/14 17:05	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:05	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:05	1
Acetophenone	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 17:05	1
Aniline	ND		10	0.72	ug/L		09/16/14 06:48	09/18/14 17:05	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:05	1
Atrazine	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 17:05	1
Benzaldehyde	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 17:05	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:05	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 17:05	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:05	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:05	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		09/16/14 06:48	09/18/14 17:05	1
Biphenyl	ND		10	0.42	ug/L		09/16/14 06:48	09/18/14 17:05	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 17:05	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		09/16/14 06:48	09/18/14 17:05	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 17:05	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		09/16/14 06:48	09/18/14 17:05	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		09/16/14 06:48	09/18/14 17:05	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 17:05	1
Carbazole	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:05	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:05	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E05 0914**

**Lab Sample ID: 480-67020-3**

**Date Collected: 09/09/14 14:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:05	1
Dibenzofuran	ND		10	0.62	ug/L		09/16/14 06:48	09/18/14 17:05	1
Diethyl phthalate	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 17:05	1
Dimethyl phthalate	ND		10	0.77	ug/L		09/16/14 06:48	09/18/14 17:05	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		09/16/14 06:48	09/18/14 17:05	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		09/16/14 06:48	09/18/14 17:05	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:05	1
Fluorene	ND		2.0	0.22	ug/L		09/16/14 06:48	09/18/14 17:05	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 17:05	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		09/16/14 06:48	09/18/14 17:05	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		09/16/14 06:48	09/18/14 17:05	1
Hexachloroethane	ND		10	0.63	ug/L		09/16/14 06:48	09/18/14 17:05	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 17:05	1
Isophorone	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 17:05	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:05	1
Nitrobenzene	ND		20	0.84	ug/L		09/16/14 06:48	09/18/14 17:05	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		09/16/14 06:48	09/18/14 17:05	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 17:05	1
Pentachlorophenol	ND		10	0.66	ug/L		09/16/14 06:48	09/18/14 17:05	1
Phenanthrene	ND		2.0	0.43	ug/L		09/16/14 06:48	09/18/14 17:05	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 17:05	1
Pyrene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		33 - 122	09/16/14 06:48	09/18/14 17:05	1
2-Fluorobiphenyl	78		35 - 108	09/16/14 06:48	09/18/14 17:05	1
2-Fluorophenol	55		26 - 100	09/16/14 06:48	09/18/14 17:05	1
Nitrobenzene-d5	83		37 - 104	09/16/14 06:48	09/18/14 17:05	1
Phenol-d5	62		30 - 102	09/16/14 06:48	09/18/14 17:05	1
Terphenyl-d14 (Surr)	69		25 - 130	09/16/14 06:48	09/18/14 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.53		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:27	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:27	1
Arsenic	0.0099	J	0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:27	1
Barium	0.059		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:27	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:27	1
Cadmium	0.016		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:27	1
Calcium	165		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:27	1
Chromium	0.0018	J	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:27	1
Cobalt	0.0026	J	0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:27	1
Copper	0.14		0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:27	1
Iron	0.76		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:27	1
Lead	0.029		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:27	1
Magnesium	19.9		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:27	1
Manganese	0.056		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:27	1
Nickel	0.022		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:27	1
Potassium	8.2	B	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:27	1
Selenium	0.046		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:27	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E05 0914**

**Lab Sample ID: 480-67020-3**

Date Collected: 09/09/14 14:00

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:27	1
<b>Sodium</b>	<b>103</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:27	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:27	1
<b>Vanadium</b>	<b>0.0020</b>	<b>J</b>	0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:27	1
<b>Zinc</b>	<b>3.6</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:18	1



# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E06 0914**

**Lab Sample ID: 480-67020-4**

**Date Collected: 09/09/14 14:50**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 02:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 02:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 02:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 02:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 02:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 02:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 02:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 02:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 02:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 02:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 02:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 02:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 02:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 02:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 02:22	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 02:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 02:22	1
Acetone	ND		10	3.0	ug/L			09/18/14 02:22	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 02:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 02:22	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 02:22	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 02:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 02:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 02:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 02:22	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 02:22	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 02:22	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 02:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 02:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 02:22	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 02:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 02:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 02:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 02:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 02:22	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 02:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 02:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 02:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 02:22	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 02:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 02:22	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 02:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 02:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 02:22	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 02:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 02:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 02:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 02:22	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E06 0914**

**Lab Sample ID: 480-67020-4**

**Date Collected: 09/09/14 14:50**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		09/18/14 02:22	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/18/14 02:22	1
Toluene-d8 (Surr)	91		71 - 126		09/18/14 02:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 17:31	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 17:31	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 17:31	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 17:31	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 17:31	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		09/16/14 06:48	09/18/14 17:31	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 17:31	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:31	1
2-Chlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 17:31	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 17:31	1
2-Methylphenol	ND		10	0.86	ug/L		09/16/14 06:48	09/18/14 17:31	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 17:31	1
2-Nitrophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 17:31	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		09/16/14 06:48	09/18/14 17:31	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 17:31	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 17:31	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 17:31	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		09/16/14 06:48	09/18/14 17:31	1
4-Chloroaniline	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 17:31	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		09/16/14 06:48	09/18/14 17:31	1
4-Methylphenol	ND		10	0.90	ug/L		09/16/14 06:48	09/18/14 17:31	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 17:31	1
4-Nitrophenol	ND		50	6.5	ug/L		09/16/14 06:48	09/18/14 17:31	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:31	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:31	1
Acetophenone	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 17:31	1
Aniline	ND		10	0.72	ug/L		09/16/14 06:48	09/18/14 17:31	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:31	1
Atrazine	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 17:31	1
Benzaldehyde	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 17:31	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:31	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 17:31	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:31	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:31	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		09/16/14 06:48	09/18/14 17:31	1
Biphenyl	ND		10	0.42	ug/L		09/16/14 06:48	09/18/14 17:31	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 17:31	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		09/16/14 06:48	09/18/14 17:31	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 17:31	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		09/16/14 06:48	09/18/14 17:31	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		09/16/14 06:48	09/18/14 17:31	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 17:31	1
Carbazole	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:31	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:31	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E06 0914**

**Lab Sample ID: 480-67020-4**

**Date Collected: 09/09/14 14:50**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:31	1
Dibenzofuran	ND		10	0.62	ug/L		09/16/14 06:48	09/18/14 17:31	1
Diethyl phthalate	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 17:31	1
Dimethyl phthalate	ND		10	0.77	ug/L		09/16/14 06:48	09/18/14 17:31	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		09/16/14 06:48	09/18/14 17:31	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		09/16/14 06:48	09/18/14 17:31	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:31	1
Fluorene	ND		2.0	0.22	ug/L		09/16/14 06:48	09/18/14 17:31	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 17:31	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		09/16/14 06:48	09/18/14 17:31	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		09/16/14 06:48	09/18/14 17:31	1
Hexachloroethane	ND		10	0.63	ug/L		09/16/14 06:48	09/18/14 17:31	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 17:31	1
Isophorone	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 17:31	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:31	1
Nitrobenzene	ND		20	0.84	ug/L		09/16/14 06:48	09/18/14 17:31	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		09/16/14 06:48	09/18/14 17:31	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 17:31	1
Pentachlorophenol	ND		10	0.66	ug/L		09/16/14 06:48	09/18/14 17:31	1
Phenanthrene	ND		2.0	0.43	ug/L		09/16/14 06:48	09/18/14 17:31	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 17:31	1
Pyrene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		33 - 122	09/16/14 06:48	09/18/14 17:31	1
2-Fluorobiphenyl	81		35 - 108	09/16/14 06:48	09/18/14 17:31	1
2-Fluorophenol	82		26 - 100	09/16/14 06:48	09/18/14 17:31	1
Nitrobenzene-d5	85		37 - 104	09/16/14 06:48	09/18/14 17:31	1
Phenol-d5	77		30 - 102	09/16/14 06:48	09/18/14 17:31	1
Terphenyl-d14 (Surr)	47		25 - 130	09/16/14 06:48	09/18/14 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.20		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:38	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:38	1
Arsenic	0.032		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:38	1
Barium	0.033		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:38	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:38	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:38	1
Calcium	348		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:38	1
Chromium	0.0019	J	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:38	1
Cobalt	0.014		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:38	1
Copper	0.0082	J	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:38	1
Iron	77.6		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:38	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:38	1
Magnesium	20.9		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:38	1
Manganese	2.0		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:38	1
Nickel	0.018		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:38	1
Potassium	5.8	B	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:38	1
Selenium	0.0092	J	0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:38	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E06 0914**

**Lab Sample ID: 480-67020-4**

Date Collected: 09/09/14 14:50

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:38	1
<b>Sodium</b>	<b>48.8</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:38	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:38	1
<b>Vanadium</b>	<b>0.0023</b>	<b>J</b>	0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:38	1
<b>Zinc</b>	<b>0.75</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:20	1



# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E07 0914**

**Lab Sample ID: 480-67020-5**

**Date Collected: 09/10/14 09:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 02:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 02:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 02:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 02:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 02:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 02:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 02:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 02:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 02:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 02:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 02:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 02:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 02:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 02:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 02:46	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 02:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 02:46	1
Acetone	ND		10	3.0	ug/L			09/18/14 02:46	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 02:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 02:46	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 02:46	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 02:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 02:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 02:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 02:46	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 02:46	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 02:46	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 02:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 02:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 02:46	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 02:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 02:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 02:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 02:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 02:46	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 02:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 02:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 02:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 02:46	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 02:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 02:46	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 02:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 02:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 02:46	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 02:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 02:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 02:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 02:46	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E07 0914**

**Lab Sample ID: 480-67020-5**

**Date Collected: 09/10/14 09:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		09/18/14 02:46	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/18/14 02:46	1
Toluene-d8 (Surr)	90		71 - 126		09/18/14 02:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.9	1.5	ug/L		09/16/14 06:48	09/18/14 17:58	1
2,4,6-Trichlorophenol	ND		9.9	1.7	ug/L		09/16/14 06:48	09/18/14 17:58	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 17:58	1
2,4-Dimethylphenol	ND		9.9	0.84	ug/L		09/16/14 06:48	09/18/14 17:58	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 17:58	1
2,4-Dinitrotoluene	ND		9.9	0.53	ug/L		09/16/14 06:48	09/18/14 17:58	1
2,6-Dinitrotoluene	ND		9.9	0.79	ug/L		09/16/14 06:48	09/18/14 17:58	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:58	1
2-Chlorophenol	ND		9.9	1.6	ug/L		09/16/14 06:48	09/18/14 17:58	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 17:58	1
2-Methylphenol	ND		9.9	0.85	ug/L		09/16/14 06:48	09/18/14 17:58	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 17:58	1
2-Nitrophenol	ND		9.9	1.7	ug/L		09/16/14 06:48	09/18/14 17:58	1
3,3'-Dichlorobenzidine	ND		9.9	1.1	ug/L		09/16/14 06:48	09/18/14 17:58	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 17:58	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 17:58	1
4-Bromophenyl phenyl ether	ND		9.9	0.63	ug/L		09/16/14 06:48	09/18/14 17:58	1
4-Chloro-3-methylphenol	ND		9.9	0.75	ug/L		09/16/14 06:48	09/18/14 17:58	1
4-Chloroaniline	ND		9.9	0.88	ug/L		09/16/14 06:48	09/18/14 17:58	1
4-Chlorophenyl phenyl ether	ND		9.9	0.50	ug/L		09/16/14 06:48	09/18/14 17:58	1
4-Methylphenol	ND		9.9	0.89	ug/L		09/16/14 06:48	09/18/14 17:58	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 17:58	1
4-Nitrophenol	ND		50	6.4	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Acenaphthene</b>	<b>17</b>		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Acenaphthylene</b>	<b>0.37</b>	<b>J</b>	2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:58	1
Acetophenone	ND		9.9	0.79	ug/L		09/16/14 06:48	09/18/14 17:58	1
Aniline	ND		9.9	0.71	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Anthracene</b>	<b>1.7</b>	<b>J</b>	2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:58	1
Atrazine	ND		9.9	0.88	ug/L		09/16/14 06:48	09/18/14 17:58	1
Benzaldehyde	ND		9.9	1.5	ug/L		09/16/14 06:48	09/18/14 17:58	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:58	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 17:58	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:58	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:58	1
Benzo(k)fluoranthene	ND		2.0	0.54	ug/L		09/16/14 06:48	09/18/14 17:58	1
Biphenyl	ND		9.9	0.41	ug/L		09/16/14 06:48	09/18/14 17:58	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 17:58	1
Bis(2-chloroethoxy)methane	ND		9.9	0.58	ug/L		09/16/14 06:48	09/18/14 17:58	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 17:58	1
Bis(2-ethylhexyl) phthalate	ND		20	12	ug/L		09/16/14 06:48	09/18/14 17:58	1
Butyl benzyl phthalate	ND		9.9	1.4	ug/L		09/16/14 06:48	09/18/14 17:58	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Carbazole</b>	<b>1.3</b>	<b>J</b>	2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:58	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:58	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E07 0914**

**Lab Sample ID: 480-67020-5**

Date Collected: 09/10/14 09:15

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Dibenzofuran</b>	<b>4.7</b>	<b>J</b>	9.9	0.61	ug/L		09/16/14 06:48	09/18/14 17:58	1
Diethyl phthalate	ND		9.9	1.4	ug/L		09/16/14 06:48	09/18/14 17:58	1
Dimethyl phthalate	ND		9.9	0.76	ug/L		09/16/14 06:48	09/18/14 17:58	1
Di-n-butyl phthalate	ND		9.9	1.2	ug/L		09/16/14 06:48	09/18/14 17:58	1
Di-n-octyl phthalate	ND		9.9	2.0	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Fluoranthene</b>	<b>3.0</b>		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Fluorene</b>	<b>9.8</b>		2.0	0.21	ug/L		09/16/14 06:48	09/18/14 17:58	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 17:58	1
Hexachlorobutadiene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:58	1
Hexachlorocyclopentadiene	ND		9.9	0.51	ug/L		09/16/14 06:48	09/18/14 17:58	1
Hexachloroethane	ND		9.9	0.62	ug/L		09/16/14 06:48	09/18/14 17:58	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 17:58	1
Isophorone	ND		9.9	0.64	ug/L		09/16/14 06:48	09/18/14 17:58	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 17:58	1
Nitrobenzene	ND		20	0.83	ug/L		09/16/14 06:48	09/18/14 17:58	1
N-Nitrosodi-n-propylamine	ND		2.0	0.30	ug/L		09/16/14 06:48	09/18/14 17:58	1
N-Nitrosodiphenylamine	ND		9.9	0.84	ug/L		09/16/14 06:48	09/18/14 17:58	1
Pentachlorophenol	ND		9.9	0.66	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Phenanthrene</b>	<b>0.63</b>	<b>J</b>	2.0	0.42	ug/L		09/16/14 06:48	09/18/14 17:58	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 17:58	1
<b>Pyrene</b>	<b>1.6</b>	<b>J</b>	2.0	0.16	ug/L		09/16/14 06:48	09/18/14 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		33 - 122	09/16/14 06:48	09/18/14 17:58	1
2-Fluorobiphenyl	86		35 - 108	09/16/14 06:48	09/18/14 17:58	1
2-Fluorophenol	81		26 - 100	09/16/14 06:48	09/18/14 17:58	1
Nitrobenzene-d5	90		37 - 104	09/16/14 06:48	09/18/14 17:58	1
Phenol-d5	76		30 - 102	09/16/14 06:48	09/18/14 17:58	1
Terphenyl-d14 (Surr)	40		25 - 130	09/16/14 06:48	09/18/14 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.079</b>	<b>J</b>	0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:41	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Arsenic</b>	<b>0.061</b>		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Barium</b>	<b>0.022</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:41	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:41	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Calcium</b>	<b>140</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Chromium</b>	<b>0.0016</b>	<b>J</b>	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Cobalt</b>	<b>0.0047</b>		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Copper</b>	<b>0.0055</b>	<b>J</b>	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Iron</b>	<b>55.3</b>		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:41	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Magnesium</b>	<b>14.0</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Manganese</b>	<b>0.23</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Nickel</b>	<b>0.0067</b>	<b>J</b>	0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Potassium</b>	<b>13.2</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:41	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:41	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E07 0914**

**Lab Sample ID: 480-67020-5**

**Date Collected: 09/10/14 09:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Sodium</b>	<b>27.6</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:41	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Vanadium</b>	<b>0.0028</b>	<b>J</b>	0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:41	1
<b>Zinc</b>	<b>0.029</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:21	1





# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-10 0914**

**Lab Sample ID: 480-67020-6**

**Date Collected: 09/08/14 14:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 03:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 03:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 03:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 03:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 03:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 03:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 03:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 03:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 03:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 03:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 03:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 03:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 03:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 03:11	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 03:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 03:11	1
<b>Acetone</b>	<b>3.9</b>	<b>J</b>	10	3.0	ug/L			09/18/14 03:11	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 03:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 03:11	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 03:11	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 03:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 03:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 03:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 03:11	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 03:11	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 03:11	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 03:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 03:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 03:11	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 03:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 03:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 03:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 03:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 03:11	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 03:11	1
<b>Methyl tert-butyl ether</b>	<b>0.37</b>	<b>J</b>	1.0	0.16	ug/L			09/18/14 03:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 03:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 03:11	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 03:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 03:11	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 03:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 03:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 03:11	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 03:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 03:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 03:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 03:11	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-10 0914**

**Lab Sample ID: 480-67020-6**

**Date Collected: 09/08/14 14:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		09/18/14 03:11	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/18/14 03:11	1
Toluene-d8 (Surr)	91		71 - 126		09/18/14 03:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.7	1.5	ug/L		09/15/14 09:35	09/18/14 18:06	1
2,4,6-Trichlorophenol	ND		9.7	1.7	ug/L		09/15/14 09:35	09/18/14 18:06	1
2,4-Dichlorophenol	ND		1.9	0.32	ug/L		09/15/14 09:35	09/18/14 18:06	1
2,4-Dimethylphenol	ND		9.7	0.83	ug/L		09/15/14 09:35	09/18/14 18:06	1
2,4-Dinitrophenol	ND		49	6.0	ug/L		09/15/14 09:35	09/18/14 18:06	1
2,4-Dinitrotoluene	ND		9.7	0.52	ug/L		09/15/14 09:35	09/18/14 18:06	1
2,6-Dinitrotoluene	ND		9.7	0.77	ug/L		09/15/14 09:35	09/18/14 18:06	1
2-Chloronaphthalene	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1
2-Chlorophenol	ND		9.7	1.6	ug/L		09/15/14 09:35	09/18/14 18:06	1
2-Methylnaphthalene	ND		1.9	0.12	ug/L		09/15/14 09:35	09/18/14 18:06	1
2-Methylphenol	ND		9.7	0.84	ug/L		09/15/14 09:35	09/18/14 18:06	1
2-Nitroaniline	ND		49	3.4	ug/L		09/15/14 09:35	09/18/14 18:06	1
2-Nitrophenol	ND		9.7	1.7	ug/L		09/15/14 09:35	09/18/14 18:06	1
3,3'-Dichlorobenzidine	ND		9.7	1.1	ug/L		09/15/14 09:35	09/18/14 18:06	1
3-Nitroaniline	ND		49	3.1	ug/L		09/15/14 09:35	09/18/14 18:06	1
4,6-Dinitro-2-methylphenol	ND		49	2.1	ug/L		09/15/14 09:35	09/18/14 18:06	1
4-Bromophenyl phenyl ether	ND		9.7	0.62	ug/L		09/15/14 09:35	09/18/14 18:06	1
4-Chloro-3-methylphenol	ND		9.7	0.73	ug/L		09/15/14 09:35	09/18/14 18:06	1
4-Chloroaniline	ND		9.7	0.86	ug/L		09/15/14 09:35	09/18/14 18:06	1
4-Chlorophenyl phenyl ether	ND		9.7	0.49	ug/L		09/15/14 09:35	09/18/14 18:06	1
4-Methylphenol	ND		9.7	0.88	ug/L		09/15/14 09:35	09/18/14 18:06	1
4-Nitroaniline	ND		49	1.7	ug/L		09/15/14 09:35	09/18/14 18:06	1
4-Nitrophenol	ND		49	6.3	ug/L		09/15/14 09:35	09/18/14 18:06	1
Acenaphthene	ND		1.9	0.14	ug/L		09/15/14 09:35	09/18/14 18:06	1
Acenaphthylene	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1
Acetophenone	ND		9.7	0.78	ug/L		09/15/14 09:35	09/18/14 18:06	1
Aniline	ND		9.7	0.70	ug/L		09/15/14 09:35	09/18/14 18:06	1
Anthracene	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1
Atrazine	ND		9.7	0.87	ug/L		09/15/14 09:35	09/18/14 18:06	1
Benzaldehyde	ND		9.7	1.5	ug/L		09/15/14 09:35	09/18/14 18:06	1
Benzo(a)anthracene	ND		1.9	0.14	ug/L		09/15/14 09:35	09/18/14 18:06	1
Benzo(a)pyrene	ND		1.9	0.13	ug/L		09/15/14 09:35	09/18/14 18:06	1
Benzo(b)fluoranthene	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1
Benzo(g,h,i)perylene	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1
Benzo(k)fluoranthene	ND		1.9	0.53	ug/L		09/15/14 09:35	09/18/14 18:06	1
Biphenyl	ND		9.7	0.40	ug/L		09/15/14 09:35	09/18/14 18:06	1
bis (2-chloroisopropyl) ether	ND		1.9	0.19	ug/L		09/15/14 09:35	09/18/14 18:06	1
Bis(2-chloroethoxy)methane	ND		9.7	0.56	ug/L		09/15/14 09:35	09/18/14 18:06	1
Bis(2-chloroethyl)ether	ND		1.9	0.24	ug/L		09/15/14 09:35	09/18/14 18:06	1
Bis(2-ethylhexyl) phthalate	ND		19	12	ug/L		09/15/14 09:35	09/18/14 18:06	1
Butyl benzyl phthalate	ND		9.7	1.4	ug/L		09/15/14 09:35	09/18/14 18:06	1
Caprolactam	ND		49	12	ug/L		09/15/14 09:35	09/18/14 18:06	1
Carbazole	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1
Chrysene	ND		1.9	0.14	ug/L		09/15/14 09:35	09/18/14 18:06	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-10 0914**

**Lab Sample ID: 480-67020-6**

**Date Collected: 09/08/14 14:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1
Dibenzofuran	ND		9.7	0.60	ug/L		09/15/14 09:35	09/18/14 18:06	1
Diethyl phthalate	ND		9.7	1.4	ug/L		09/15/14 09:35	09/18/14 18:06	1
Dimethyl phthalate	ND		9.7	0.74	ug/L		09/15/14 09:35	09/18/14 18:06	1
Di-n-butyl phthalate	ND		9.7	1.2	ug/L		09/15/14 09:35	09/18/14 18:06	1
Di-n-octyl phthalate	ND		9.7	2.0	ug/L		09/15/14 09:35	09/18/14 18:06	1
Fluoranthene	ND		1.9	0.16	ug/L		09/15/14 09:35	09/18/14 18:06	1
Fluorene	ND		1.9	0.21	ug/L		09/15/14 09:35	09/18/14 18:06	1
Hexachlorobenzene	ND		1.9	0.18	ug/L		09/15/14 09:35	09/18/14 18:06	1
Hexachlorobutadiene	ND		1.9	0.16	ug/L		09/15/14 09:35	09/18/14 18:06	1
Hexachlorocyclopentadiene	ND		9.7	0.50	ug/L		09/15/14 09:35	09/18/14 18:06	1
Hexachloroethane	ND		9.7	0.61	ug/L		09/15/14 09:35	09/18/14 18:06	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.19	ug/L		09/15/14 09:35	09/18/14 18:06	1
Isophorone	ND		9.7	0.63	ug/L		09/15/14 09:35	09/18/14 18:06	1
Naphthalene	ND		1.9	0.14	ug/L		09/15/14 09:35	09/18/14 18:06	1
Nitrobenzene	ND		19	0.82	ug/L		09/15/14 09:35	09/18/14 18:06	1
N-Nitrosodi-n-propylamine	ND		1.9	0.30	ug/L		09/15/14 09:35	09/18/14 18:06	1
N-Nitrosodiphenylamine	ND		9.7	0.83	ug/L		09/15/14 09:35	09/18/14 18:06	1
Pentachlorophenol	ND		9.7	0.64	ug/L		09/15/14 09:35	09/18/14 18:06	1
Phenanthrene	ND		1.9	0.41	ug/L		09/15/14 09:35	09/18/14 18:06	1
Phenol	ND		1.9	0.56	ug/L		09/15/14 09:35	09/18/14 18:06	1
Pyrene	ND		1.9	0.15	ug/L		09/15/14 09:35	09/18/14 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		33 - 122	09/15/14 09:35	09/18/14 18:06	1
2-Fluorobiphenyl	91		35 - 108	09/15/14 09:35	09/18/14 18:06	1
2-Fluorophenol	75		26 - 100	09/15/14 09:35	09/18/14 18:06	1
Nitrobenzene-d5	94		37 - 104	09/15/14 09:35	09/18/14 18:06	1
Phenol-d5	82		30 - 102	09/15/14 09:35	09/18/14 18:06	1
Terphenyl-d14 (Surr)	41		25 - 130	09/15/14 09:35	09/18/14 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:44	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:44	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:44	1
Barium	0.16		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:44	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:44	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:44	1
Calcium	81.6		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:44	1
Chromium	0.0013	J	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:44	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:44	1
Copper	ND		0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:44	1
Iron	11.2		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:44	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:44	1
Magnesium	35.3		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:44	1
Manganese	0.16		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:44	1
Nickel	0.0014	J	0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:44	1
Potassium	3.7	B	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:44	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:44	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-10 0914**

**Lab Sample ID: 480-67020-6**

**Date Collected: 09/08/14 14:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:44	1
<b>Sodium</b>	<b>111</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:44	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:44	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:44	1
<b>Zinc</b>	<b>0.0078</b>	<b>J</b>	0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:23	1



# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-11 0914**

**Lab Sample ID: 480-67020-7**

**Date Collected: 09/09/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 03:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 03:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 03:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 03:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 03:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 03:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 03:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 03:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 03:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 03:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 03:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 03:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 03:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 03:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 03:34	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 03:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 03:34	1
<b>Acetone</b>	<b>4.3</b>	<b>J</b>	10	3.0	ug/L			09/18/14 03:34	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 03:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 03:34	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 03:34	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 03:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 03:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 03:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 03:34	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 03:34	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 03:34	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 03:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 03:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 03:34	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 03:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 03:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 03:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 03:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 03:34	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 03:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 03:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 03:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 03:34	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 03:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 03:34	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 03:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 03:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 03:34	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 03:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 03:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 03:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 03:34	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-11 0914**

**Lab Sample ID: 480-67020-7**

**Date Collected: 09/09/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		09/18/14 03:34	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/18/14 03:34	1
Toluene-d8 (Surr)	90		71 - 126		09/18/14 03:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 18:24	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 18:24	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 18:24	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 18:24	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 18:24	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		09/16/14 06:48	09/18/14 18:24	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 18:24	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:24	1
2-Chlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 18:24	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 18:24	1
2-Methylphenol	ND		10	0.86	ug/L		09/16/14 06:48	09/18/14 18:24	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 18:24	1
2-Nitrophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 18:24	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		09/16/14 06:48	09/18/14 18:24	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 18:24	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 18:24	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 18:24	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		09/16/14 06:48	09/18/14 18:24	1
4-Chloroaniline	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 18:24	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		09/16/14 06:48	09/18/14 18:24	1
4-Methylphenol	ND		10	0.90	ug/L		09/16/14 06:48	09/18/14 18:24	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 18:24	1
4-Nitrophenol	ND		50	6.5	ug/L		09/16/14 06:48	09/18/14 18:24	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 18:24	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:24	1
Acetophenone	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 18:24	1
Aniline	ND		10	0.72	ug/L		09/16/14 06:48	09/18/14 18:24	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:24	1
Atrazine	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 18:24	1
Benzaldehyde	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 18:24	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:24	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 18:24	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:24	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:24	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		09/16/14 06:48	09/18/14 18:24	1
Biphenyl	ND		10	0.42	ug/L		09/16/14 06:48	09/18/14 18:24	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 18:24	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		09/16/14 06:48	09/18/14 18:24	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 18:24	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		09/16/14 06:48	09/18/14 18:24	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		09/16/14 06:48	09/18/14 18:24	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 18:24	1
Carbazole	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:24	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 18:24	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-11 0914**

**Lab Sample ID: 480-67020-7**

**Date Collected: 09/09/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:24	1
Dibenzofuran	ND		10	0.62	ug/L		09/16/14 06:48	09/18/14 18:24	1
Diethyl phthalate	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 18:24	1
Dimethyl phthalate	ND		10	0.77	ug/L		09/16/14 06:48	09/18/14 18:24	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		09/16/14 06:48	09/18/14 18:24	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		09/16/14 06:48	09/18/14 18:24	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:24	1
Fluorene	ND		2.0	0.22	ug/L		09/16/14 06:48	09/18/14 18:24	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 18:24	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		09/16/14 06:48	09/18/14 18:24	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		09/16/14 06:48	09/18/14 18:24	1
Hexachloroethane	ND		10	0.63	ug/L		09/16/14 06:48	09/18/14 18:24	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 18:24	1
Isophorone	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 18:24	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 18:24	1
Nitrobenzene	ND		20	0.84	ug/L		09/16/14 06:48	09/18/14 18:24	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		09/16/14 06:48	09/18/14 18:24	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 18:24	1
Pentachlorophenol	ND		10	0.66	ug/L		09/16/14 06:48	09/18/14 18:24	1
Phenanthrene	ND		2.0	0.43	ug/L		09/16/14 06:48	09/18/14 18:24	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 18:24	1
Pyrene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		33 - 122	09/16/14 06:48	09/18/14 18:24	1
2-Fluorobiphenyl	88		35 - 108	09/16/14 06:48	09/18/14 18:24	1
2-Fluorophenol	69		26 - 100	09/16/14 06:48	09/18/14 18:24	1
Nitrobenzene-d5	90		37 - 104	09/16/14 06:48	09/18/14 18:24	1
Phenol-d5	75		30 - 102	09/16/14 06:48	09/18/14 18:24	1
Terphenyl-d14 (Surr)	78		25 - 130	09/16/14 06:48	09/18/14 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:47	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:47	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:47	1
Barium	0.10		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:47	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:47	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:47	1
Calcium	55.1		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:47	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:47	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:47	1
Copper	ND		0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:47	1
Iron	0.54		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:47	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:47	1
Magnesium	16.3		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:47	1
Manganese	0.0083		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:47	1
Nickel	ND		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:47	1
Potassium	4.2	B	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:47	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:47	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E R-11 0914**

**Lab Sample ID: 480-67020-7**

**Date Collected: 09/09/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:47	1
<b>Sodium</b>	<b>21.0</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:47	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:47	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:47	1
<b>Zinc</b>	<b>0.27</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:25	1





# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-17 0914**

**Lab Sample ID: 480-67020-8**

**Date Collected: 09/08/14 13:45**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 03:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 03:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 03:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 03:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 03:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 03:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 03:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 03:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 03:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 03:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 03:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 03:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 03:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 03:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 03:59	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 03:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 03:59	1
Acetone	ND		10	3.0	ug/L			09/18/14 03:59	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 03:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 03:59	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 03:59	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 03:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 03:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 03:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 03:59	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 03:59	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 03:59	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 03:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 03:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 03:59	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 03:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 03:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 03:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 03:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 03:59	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 03:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 03:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 03:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 03:59	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 03:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 03:59	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 03:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 03:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 03:59	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 03:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 03:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 03:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 03:59	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-17 0914**

**Lab Sample ID: 480-67020-8**

**Date Collected: 09/08/14 13:45**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		66 - 137		09/18/14 03:59	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/18/14 03:59	1
Toluene-d8 (Surr)	91		71 - 126		09/18/14 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.8	1.5	ug/L		09/15/14 09:35	09/17/14 15:25	1
2,4,6-Trichlorophenol	ND		9.8	1.7	ug/L		09/15/14 09:35	09/17/14 15:25	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/15/14 09:35	09/17/14 15:25	1
2,4-Dimethylphenol	ND		9.8	0.84	ug/L		09/15/14 09:35	09/17/14 15:25	1
2,4-Dinitrophenol	ND		49	6.0	ug/L		09/15/14 09:35	09/17/14 15:25	1
2,4-Dinitrotoluene	ND		9.8	0.53	ug/L		09/15/14 09:35	09/17/14 15:25	1
2,6-Dinitrotoluene	ND		9.8	0.78	ug/L		09/15/14 09:35	09/17/14 15:25	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1
2-Chlorophenol	ND		9.8	1.6	ug/L		09/15/14 09:35	09/17/14 15:25	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/15/14 09:35	09/17/14 15:25	1
2-Methylphenol	ND		9.8	0.85	ug/L		09/15/14 09:35	09/17/14 15:25	1
2-Nitroaniline	ND		49	3.4	ug/L		09/15/14 09:35	09/17/14 15:25	1
2-Nitrophenol	ND		9.8	1.7	ug/L		09/15/14 09:35	09/17/14 15:25	1
3,3'-Dichlorobenzidine	ND		9.8	1.1	ug/L		09/15/14 09:35	09/17/14 15:25	1
3-Nitroaniline	ND		49	3.2	ug/L		09/15/14 09:35	09/17/14 15:25	1
4,6-Dinitro-2-methylphenol	ND		49	2.2	ug/L		09/15/14 09:35	09/17/14 15:25	1
4-Bromophenyl phenyl ether	ND		9.8	0.62	ug/L		09/15/14 09:35	09/17/14 15:25	1
4-Chloro-3-methylphenol	ND		9.8	0.74	ug/L		09/15/14 09:35	09/17/14 15:25	1
4-Chloroaniline	ND		9.8	0.87	ug/L		09/15/14 09:35	09/17/14 15:25	1
4-Chlorophenyl phenyl ether	ND		9.8	0.49	ug/L		09/15/14 09:35	09/17/14 15:25	1
4-Methylphenol	ND		9.8	0.88	ug/L		09/15/14 09:35	09/17/14 15:25	1
4-Nitroaniline	ND		49	1.7	ug/L		09/15/14 09:35	09/17/14 15:25	1
4-Nitrophenol	ND		49	6.3	ug/L		09/15/14 09:35	09/17/14 15:25	1
Acenaphthene	ND		2.0	0.14	ug/L		09/15/14 09:35	09/17/14 15:25	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1
Acetophenone	ND		9.8	0.78	ug/L		09/15/14 09:35	09/17/14 15:25	1
Aniline	ND		9.8	0.70	ug/L		09/15/14 09:35	09/17/14 15:25	1
Anthracene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1
Atrazine	ND		9.8	0.87	ug/L		09/15/14 09:35	09/17/14 15:25	1
Benzaldehyde	ND		9.8	1.5	ug/L		09/15/14 09:35	09/17/14 15:25	1
Benzo(a)anthracene	ND		2.0	0.14	ug/L		09/15/14 09:35	09/17/14 15:25	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/15/14 09:35	09/17/14 15:25	1
Benzo(b)fluoranthene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1
Benzo(k)fluoranthene	ND		2.0	0.54	ug/L		09/15/14 09:35	09/17/14 15:25	1
Biphenyl	ND		9.8	0.41	ug/L		09/15/14 09:35	09/17/14 15:25	1
bis (2-chloroisopropyl) ether	ND		2.0	0.19	ug/L		09/15/14 09:35	09/17/14 15:25	1
Bis(2-chloroethoxy)methane	ND		9.8	0.57	ug/L		09/15/14 09:35	09/17/14 15:25	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/15/14 09:35	09/17/14 15:25	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>39</b>		20	12	ug/L		09/15/14 09:35	09/17/14 15:25	1
Butyl benzyl phthalate	ND		9.8	1.4	ug/L		09/15/14 09:35	09/17/14 15:25	1
Caprolactam	ND		49	12	ug/L		09/15/14 09:35	09/17/14 15:25	1
Carbazole	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1
Chrysene	ND		2.0	0.14	ug/L		09/15/14 09:35	09/17/14 15:25	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-17 0914**

**Lab Sample ID: 480-67020-8**

**Date Collected: 09/08/14 13:45**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1
Dibenzofuran	ND		9.8	0.60	ug/L		09/15/14 09:35	09/17/14 15:25	1
Diethyl phthalate	ND		9.8	1.4	ug/L		09/15/14 09:35	09/17/14 15:25	1
Dimethyl phthalate	ND		9.8	0.75	ug/L		09/15/14 09:35	09/17/14 15:25	1
Di-n-butyl phthalate	ND		9.8	1.2	ug/L		09/15/14 09:35	09/17/14 15:25	1
Di-n-octyl phthalate	ND		9.8	2.0	ug/L		09/15/14 09:35	09/17/14 15:25	1
Fluoranthene	ND		2.0	0.16	ug/L		09/15/14 09:35	09/17/14 15:25	1
Fluorene	ND		2.0	0.21	ug/L		09/15/14 09:35	09/17/14 15:25	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/15/14 09:35	09/17/14 15:25	1
Hexachlorobutadiene	ND		2.0	0.16	ug/L		09/15/14 09:35	09/17/14 15:25	1
Hexachlorocyclopentadiene	ND		9.8	0.51	ug/L		09/15/14 09:35	09/17/14 15:25	1
Hexachloroethane	ND		9.8	0.62	ug/L		09/15/14 09:35	09/17/14 15:25	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/15/14 09:35	09/17/14 15:25	1
Isophorone	ND		9.8	0.63	ug/L		09/15/14 09:35	09/17/14 15:25	1
Naphthalene	ND		2.0	0.14	ug/L		09/15/14 09:35	09/17/14 15:25	1
Nitrobenzene	ND		20	0.83	ug/L		09/15/14 09:35	09/17/14 15:25	1
N-Nitrosodi-n-propylamine	ND		2.0	0.30	ug/L		09/15/14 09:35	09/17/14 15:25	1
N-Nitrosodiphenylamine	ND		9.8	0.84	ug/L		09/15/14 09:35	09/17/14 15:25	1
Pentachlorophenol	ND		9.8	0.65	ug/L		09/15/14 09:35	09/17/14 15:25	1
Phenanthrene	ND		2.0	0.42	ug/L		09/15/14 09:35	09/17/14 15:25	1
Phenol	ND		2.0	0.57	ug/L		09/15/14 09:35	09/17/14 15:25	1
Pyrene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		33 - 122	09/15/14 09:35	09/17/14 15:25	1
2-Fluorobiphenyl	65		35 - 108	09/15/14 09:35	09/17/14 15:25	1
2-Fluorophenol	63		26 - 100	09/15/14 09:35	09/17/14 15:25	1
Nitrobenzene-d5	71		37 - 104	09/15/14 09:35	09/17/14 15:25	1
Phenol-d5	70		30 - 102	09/15/14 09:35	09/17/14 15:25	1
Terphenyl-d14 (Surr)	51		25 - 130	09/15/14 09:35	09/17/14 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:50	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:50	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:50	1
Barium	0.032		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:50	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:50	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:50	1
Calcium	173		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:50	1
Chromium	0.0025	J	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:50	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:50	1
Copper	ND		0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:50	1
Iron	0.034	J	0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:50	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:50	1
Magnesium	34.8		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:50	1
Manganese	0.019		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:50	1
Nickel	0.0045	J	0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:50	1
Potassium	1.5	B	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:50	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:50	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-17 0914**

**Lab Sample ID: 480-67020-8**

Date Collected: 09/08/14 13:45

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:50	1
<b>Sodium</b>	<b>17.5</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:50	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:50	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:50	1
<b>Zinc</b>	<b>0.0054</b>	<b>J</b>	0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:30	1



# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-29 0914**

**Lab Sample ID: 480-67020-9**

**Date Collected: 09/09/14 13:10**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 04:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 04:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 04:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 04:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 04:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 04:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 04:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 04:23	1
<b>1,2-Dichlorobenzene</b>	<b>3.0</b>		1.0	0.79	ug/L			09/18/14 04:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 04:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 04:23	1
<b>1,3-Dichlorobenzene</b>	<b>1.0</b>		1.0	0.78	ug/L			09/18/14 04:23	1
<b>1,4-Dichlorobenzene</b>	<b>5.4</b>		1.0	0.84	ug/L			09/18/14 04:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 04:23	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 04:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 04:23	1
Acetone	ND		10	3.0	ug/L			09/18/14 04:23	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 04:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 04:23	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 04:23	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 04:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 04:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 04:23	1
<b>Chlorobenzene</b>	<b>15</b>		1.0	0.75	ug/L			09/18/14 04:23	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 04:23	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 04:23	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 04:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 04:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 04:23	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 04:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 04:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 04:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 04:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 04:23	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 04:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 04:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 04:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 04:23	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 04:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 04:23	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 04:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 04:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 04:23	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 04:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 04:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 04:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 04:23	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-29 0914**

**Lab Sample ID: 480-67020-9**

**Date Collected: 09/09/14 13:10**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		66 - 137		09/18/14 04:23	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/18/14 04:23	1
Toluene-d8 (Surr)	90		71 - 126		09/18/14 04:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 18:50	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 18:50	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 18:50	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 18:50	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 18:50	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		09/16/14 06:48	09/18/14 18:50	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 18:50	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:50	1
2-Chlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 18:50	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 18:50	1
2-Methylphenol	ND		10	0.86	ug/L		09/16/14 06:48	09/18/14 18:50	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 18:50	1
2-Nitrophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 18:50	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		09/16/14 06:48	09/18/14 18:50	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 18:50	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 18:50	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 18:50	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		09/16/14 06:48	09/18/14 18:50	1
4-Chloroaniline	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 18:50	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		09/16/14 06:48	09/18/14 18:50	1
4-Methylphenol	ND		10	0.90	ug/L		09/16/14 06:48	09/18/14 18:50	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 18:50	1
4-Nitrophenol	ND		50	6.5	ug/L		09/16/14 06:48	09/18/14 18:50	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 18:50	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:50	1
Acetophenone	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 18:50	1
Aniline	ND		10	0.72	ug/L		09/16/14 06:48	09/18/14 18:50	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:50	1
Atrazine	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 18:50	1
Benzaldehyde	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 18:50	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:50	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 18:50	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:50	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 18:50	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		09/16/14 06:48	09/18/14 18:50	1
Biphenyl	ND		10	0.42	ug/L		09/16/14 06:48	09/18/14 18:50	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 18:50	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		09/16/14 06:48	09/18/14 18:50	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 18:50	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		09/16/14 06:48	09/18/14 18:50	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		09/16/14 06:48	09/18/14 18:50	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 18:50	1
Carbazole	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:50	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 18:50	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-29 0914**

**Lab Sample ID: 480-67020-9**

**Date Collected: 09/09/14 13:10**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:50	1
Dibenzofuran	ND		10	0.62	ug/L		09/16/14 06:48	09/18/14 18:50	1
Diethyl phthalate	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 18:50	1
Dimethyl phthalate	ND		10	0.77	ug/L		09/16/14 06:48	09/18/14 18:50	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		09/16/14 06:48	09/18/14 18:50	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		09/16/14 06:48	09/18/14 18:50	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:50	1
Fluorene	ND		2.0	0.22	ug/L		09/16/14 06:48	09/18/14 18:50	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 18:50	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		09/16/14 06:48	09/18/14 18:50	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		09/16/14 06:48	09/18/14 18:50	1
Hexachloroethane	ND		10	0.63	ug/L		09/16/14 06:48	09/18/14 18:50	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 18:50	1
Isophorone	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 18:50	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 18:50	1
Nitrobenzene	ND		20	0.84	ug/L		09/16/14 06:48	09/18/14 18:50	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		09/16/14 06:48	09/18/14 18:50	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 18:50	1
Pentachlorophenol	ND		10	0.66	ug/L		09/16/14 06:48	09/18/14 18:50	1
Phenanthrene	ND		2.0	0.43	ug/L		09/16/14 06:48	09/18/14 18:50	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 18:50	1
Pyrene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		33 - 122	09/16/14 06:48	09/18/14 18:50	1
2-Fluorobiphenyl	85		35 - 108	09/16/14 06:48	09/18/14 18:50	1
2-Fluorophenol	73		26 - 100	09/16/14 06:48	09/18/14 18:50	1
Nitrobenzene-d5	91		37 - 104	09/16/14 06:48	09/18/14 18:50	1
Phenol-d5	76		30 - 102	09/16/14 06:48	09/18/14 18:50	1
Terphenyl-d14 (Surr)	62		25 - 130	09/16/14 06:48	09/18/14 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:52	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Arsenic</b>	<b>0.0096</b>	<b>J</b>	0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Barium</b>	<b>0.099</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:52	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:52	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Calcium</b>	<b>55.4</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:52	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:52	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:52	1
Copper	ND		0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Iron</b>	<b>0.040</b>	<b>J</b>	0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:52	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Magnesium</b>	<b>8.9</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Manganese</b>	<b>0.052</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:52	1
Nickel	ND		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Potassium</b>	<b>3.5</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:52	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:52	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-29 0914**

**Lab Sample ID: 480-67020-9**

Date Collected: 09/09/14 13:10

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Sodium</b>	<b>140</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:52	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:52	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:52	1
<b>Zinc</b>	<b>0.0049</b>	<b>J</b>	0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:31	1





# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-32 0914**

**Lab Sample ID: 480-67020-10**

**Date Collected: 09/09/14 09:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			09/18/14 18:22	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			09/18/14 18:22	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			09/18/14 18:22	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			09/18/14 18:22	40
1,1-Dichloroethane	ND		40	15	ug/L			09/18/14 18:22	40
1,1-Dichloroethene	ND		40	12	ug/L			09/18/14 18:22	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			09/18/14 18:22	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			09/18/14 18:22	40
1,2-Dibromoethane	ND		40	29	ug/L			09/18/14 18:22	40
1,2-Dichlorobenzene	ND		40	32	ug/L			09/18/14 18:22	40
1,2-Dichloroethane	ND		40	8.4	ug/L			09/18/14 18:22	40
1,2-Dichloropropane	ND		40	29	ug/L			09/18/14 18:22	40
1,3-Dichlorobenzene	ND		40	31	ug/L			09/18/14 18:22	40
1,4-Dichlorobenzene	ND		40	34	ug/L			09/18/14 18:22	40
2-Butanone (MEK)	ND		400	53	ug/L			09/18/14 18:22	40
2-Hexanone	ND		200	50	ug/L			09/18/14 18:22	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			09/18/14 18:22	40
Acetone	ND		400	120	ug/L			09/18/14 18:22	40
Benzene	ND		40	16	ug/L			09/18/14 18:22	40
Bromodichloromethane	ND		40	16	ug/L			09/18/14 18:22	40
Bromoform	ND		40	10	ug/L			09/18/14 18:22	40
Bromomethane	ND		40	28	ug/L			09/18/14 18:22	40
Carbon disulfide	ND		40	7.6	ug/L			09/18/14 18:22	40
Carbon tetrachloride	ND		40	11	ug/L			09/18/14 18:22	40
<b>Chlorobenzene</b>	<b>2400</b>		40	30	ug/L			09/18/14 18:22	40
Chloroethane	ND		40	13	ug/L			09/18/14 18:22	40
Chloroform	ND		40	14	ug/L			09/18/14 18:22	40
Chloromethane	ND		40	14	ug/L			09/18/14 18:22	40
cis-1,2-Dichloroethene	ND		40	32	ug/L			09/18/14 18:22	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			09/18/14 18:22	40
Cyclohexane	ND		40	7.2	ug/L			09/18/14 18:22	40
Dibromochloromethane	ND		40	13	ug/L			09/18/14 18:22	40
Dichlorodifluoromethane	ND		40	27	ug/L			09/18/14 18:22	40
Ethylbenzene	ND		40	30	ug/L			09/18/14 18:22	40
Isopropylbenzene	ND		40	32	ug/L			09/18/14 18:22	40
Methyl acetate	ND		100	20	ug/L			09/18/14 18:22	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			09/18/14 18:22	40
Methylcyclohexane	ND		40	6.4	ug/L			09/18/14 18:22	40
Methylene Chloride	ND		40	18	ug/L			09/18/14 18:22	40
Styrene	ND		40	29	ug/L			09/18/14 18:22	40
Tetrachloroethene	ND		40	14	ug/L			09/18/14 18:22	40
Toluene	ND		40	20	ug/L			09/18/14 18:22	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			09/18/14 18:22	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			09/18/14 18:22	40
Trichloroethene	ND		40	18	ug/L			09/18/14 18:22	40
Trichlorofluoromethane	ND		40	35	ug/L			09/18/14 18:22	40
Vinyl chloride	ND		40	36	ug/L			09/18/14 18:22	40
Xylenes, Total	ND		80	26	ug/L			09/18/14 18:22	40

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-32 0914**

**Lab Sample ID: 480-67020-10**

**Date Collected: 09/09/14 09:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		09/18/14 18:22	40
4-Bromofluorobenzene (Surr)	99		73 - 120		09/18/14 18:22	40
Toluene-d8 (Surr)	98		71 - 126		09/18/14 18:22	40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.8	1.5	ug/L		09/16/14 06:48	09/18/14 19:16	1
2,4,6-Trichlorophenol	ND		9.8	1.7	ug/L		09/16/14 06:48	09/18/14 19:16	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 19:16	1
2,4-Dimethylphenol	ND		9.8	0.84	ug/L		09/16/14 06:48	09/18/14 19:16	1
2,4-Dinitrophenol	ND		49	6.0	ug/L		09/16/14 06:48	09/18/14 19:16	1
2,4-Dinitrotoluene	ND		9.8	0.53	ug/L		09/16/14 06:48	09/18/14 19:16	1
2,6-Dinitrotoluene	ND		9.8	0.78	ug/L		09/16/14 06:48	09/18/14 19:16	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1
<b>2-Chlorophenol</b>	<b>23</b>		9.8	1.6	ug/L		09/16/14 06:48	09/18/14 19:16	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 19:16	1
2-Methylphenol	ND		9.8	0.85	ug/L		09/16/14 06:48	09/18/14 19:16	1
2-Nitroaniline	ND		49	3.4	ug/L		09/16/14 06:48	09/18/14 19:16	1
2-Nitrophenol	ND		9.8	1.7	ug/L		09/16/14 06:48	09/18/14 19:16	1
3,3'-Dichlorobenzidine	ND		9.8	1.1	ug/L		09/16/14 06:48	09/18/14 19:16	1
3-Nitroaniline	ND		49	3.2	ug/L		09/16/14 06:48	09/18/14 19:16	1
4,6-Dinitro-2-methylphenol	ND		49	2.2	ug/L		09/16/14 06:48	09/18/14 19:16	1
4-Bromophenyl phenyl ether	ND		9.8	0.62	ug/L		09/16/14 06:48	09/18/14 19:16	1
4-Chloro-3-methylphenol	ND		9.8	0.74	ug/L		09/16/14 06:48	09/18/14 19:16	1
4-Chloroaniline	ND		9.8	0.87	ug/L		09/16/14 06:48	09/18/14 19:16	1
4-Chlorophenyl phenyl ether	ND		9.8	0.49	ug/L		09/16/14 06:48	09/18/14 19:16	1
4-Methylphenol	ND		9.8	0.88	ug/L		09/16/14 06:48	09/18/14 19:16	1
4-Nitroaniline	ND		49	1.7	ug/L		09/16/14 06:48	09/18/14 19:16	1
4-Nitrophenol	ND		49	6.3	ug/L		09/16/14 06:48	09/18/14 19:16	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 19:16	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1
Acetophenone	ND		9.8	0.78	ug/L		09/16/14 06:48	09/18/14 19:16	1
Aniline	ND		9.8	0.70	ug/L		09/16/14 06:48	09/18/14 19:16	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1
Atrazine	ND		9.8	0.87	ug/L		09/16/14 06:48	09/18/14 19:16	1
Benzaldehyde	ND		9.8	1.5	ug/L		09/16/14 06:48	09/18/14 19:16	1
Benzo(a)anthracene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 19:16	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 19:16	1
Benzo(b)fluoranthene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1
Benzo(k)fluoranthene	ND		2.0	0.54	ug/L		09/16/14 06:48	09/18/14 19:16	1
Biphenyl	ND		9.8	0.41	ug/L		09/16/14 06:48	09/18/14 19:16	1
bis (2-chloroisopropyl) ether	ND		2.0	0.19	ug/L		09/16/14 06:48	09/18/14 19:16	1
Bis(2-chloroethoxy)methane	ND		9.8	0.57	ug/L		09/16/14 06:48	09/18/14 19:16	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 19:16	1
Bis(2-ethylhexyl) phthalate	ND		20	12	ug/L		09/16/14 06:48	09/18/14 19:16	1
Butyl benzyl phthalate	ND		9.8	1.4	ug/L		09/16/14 06:48	09/18/14 19:16	1
Caprolactam	ND		49	12	ug/L		09/16/14 06:48	09/18/14 19:16	1
Carbazole	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 19:16	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-32 0914**

**Lab Sample ID: 480-67020-10**

**Date Collected: 09/09/14 09:30**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1
Dibenzofuran	ND		9.8	0.60	ug/L		09/16/14 06:48	09/18/14 19:16	1
Diethyl phthalate	ND		9.8	1.4	ug/L		09/16/14 06:48	09/18/14 19:16	1
Dimethyl phthalate	ND		9.8	0.75	ug/L		09/16/14 06:48	09/18/14 19:16	1
Di-n-butyl phthalate	ND		9.8	1.2	ug/L		09/16/14 06:48	09/18/14 19:16	1
Di-n-octyl phthalate	ND		9.8	2.0	ug/L		09/16/14 06:48	09/18/14 19:16	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 19:16	1
Fluorene	ND		2.0	0.21	ug/L		09/16/14 06:48	09/18/14 19:16	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 19:16	1
Hexachlorobutadiene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 19:16	1
Hexachlorocyclopentadiene	ND		9.8	0.51	ug/L		09/16/14 06:48	09/18/14 19:16	1
Hexachloroethane	ND		9.8	0.62	ug/L		09/16/14 06:48	09/18/14 19:16	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 19:16	1
Isophorone	ND		9.8	0.63	ug/L		09/16/14 06:48	09/18/14 19:16	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 19:16	1
Nitrobenzene	ND		20	0.83	ug/L		09/16/14 06:48	09/18/14 19:16	1
N-Nitrosodi-n-propylamine	ND		2.0	0.30	ug/L		09/16/14 06:48	09/18/14 19:16	1
N-Nitrosodiphenylamine	ND		9.8	0.84	ug/L		09/16/14 06:48	09/18/14 19:16	1
Pentachlorophenol	ND		9.8	0.65	ug/L		09/16/14 06:48	09/18/14 19:16	1
Phenanthrene	ND		2.0	0.42	ug/L		09/16/14 06:48	09/18/14 19:16	1
Phenol	ND		2.0	0.57	ug/L		09/16/14 06:48	09/18/14 19:16	1
Pyrene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		33 - 122	09/16/14 06:48	09/18/14 19:16	1
2-Fluorobiphenyl	74		35 - 108	09/16/14 06:48	09/18/14 19:16	1
2-Fluorophenol	76		26 - 100	09/16/14 06:48	09/18/14 19:16	1
Nitrobenzene-d5	84		37 - 104	09/16/14 06:48	09/18/14 19:16	1
Phenol-d5	72		30 - 102	09/16/14 06:48	09/18/14 19:16	1
Terphenyl-d14 (Surr)	47		25 - 130	09/16/14 06:48	09/18/14 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.062	J	0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:55	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:55	1
Arsenic	0.0071	J	0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:55	1
Barium	0.012		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:55	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:55	1
Cadmium	0.00074	J	0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:55	1
Calcium	327		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:55	1
Chromium	0.0025	J	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:55	1
Cobalt	0.016		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:55	1
Copper	0.0037	J	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:55	1
Iron	9.1		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:55	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:55	1
Magnesium	134		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:55	1
Manganese	1.2		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:55	1
Nickel	0.029		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:55	1
Potassium	4.2	B	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:55	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:55	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-32 0914**

**Lab Sample ID: 480-67020-10**

Date Collected: 09/09/14 09:30

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:55	1
<b>Sodium</b>	<b>87.9</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:55	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:55	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:55	1
<b>Zinc</b>	<b>0.027</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:33	1



# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 0914**

**Lab Sample ID: 480-67020-11**

**Date Collected: 09/08/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 05:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 05:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 05:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 05:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 05:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 05:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 05:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 05:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 05:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 05:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 05:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 05:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 05:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 05:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 05:11	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 05:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 05:11	1
Acetone	ND		10	3.0	ug/L			09/18/14 05:11	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 05:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 05:11	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 05:11	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 05:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 05:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 05:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 05:11	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 05:11	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 05:11	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 05:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 05:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 05:11	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 05:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 05:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 05:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 05:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 05:11	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 05:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 05:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 05:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 05:11	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 05:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 05:11	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 05:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 05:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 05:11	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 05:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 05:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 05:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 05:11	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 0914**

**Lab Sample ID: 480-67020-11**

**Date Collected: 09/08/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		66 - 137		09/18/14 05:11	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/18/14 05:11	1
Toluene-d8 (Surr)	92		71 - 126		09/18/14 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.7	1.5	ug/L		09/15/14 09:36	09/17/14 15:53	1
2,4,6-Trichlorophenol	ND		9.7	1.7	ug/L		09/15/14 09:36	09/17/14 15:53	1
2,4-Dichlorophenol	ND		1.9	0.32	ug/L		09/15/14 09:36	09/17/14 15:53	1
2,4-Dimethylphenol	ND		9.7	0.83	ug/L		09/15/14 09:36	09/17/14 15:53	1
2,4-Dinitrophenol	ND		49	6.0	ug/L		09/15/14 09:36	09/17/14 15:53	1
2,4-Dinitrotoluene	ND		9.7	0.52	ug/L		09/15/14 09:36	09/17/14 15:53	1
2,6-Dinitrotoluene	ND		9.7	0.77	ug/L		09/15/14 09:36	09/17/14 15:53	1
2-Chloronaphthalene	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1
2-Chlorophenol	ND		9.7	1.6	ug/L		09/15/14 09:36	09/17/14 15:53	1
2-Methylnaphthalene	ND		1.9	0.12	ug/L		09/15/14 09:36	09/17/14 15:53	1
2-Methylphenol	ND		9.7	0.84	ug/L		09/15/14 09:36	09/17/14 15:53	1
2-Nitroaniline	ND		49	3.4	ug/L		09/15/14 09:36	09/17/14 15:53	1
2-Nitrophenol	ND		9.7	1.7	ug/L		09/15/14 09:36	09/17/14 15:53	1
3,3'-Dichlorobenzidine	ND		9.7	1.1	ug/L		09/15/14 09:36	09/17/14 15:53	1
3-Nitroaniline	ND		49	3.1	ug/L		09/15/14 09:36	09/17/14 15:53	1
4,6-Dinitro-2-methylphenol	ND		49	2.1	ug/L		09/15/14 09:36	09/17/14 15:53	1
4-Bromophenyl phenyl ether	ND		9.7	0.62	ug/L		09/15/14 09:36	09/17/14 15:53	1
4-Chloro-3-methylphenol	ND		9.7	0.73	ug/L		09/15/14 09:36	09/17/14 15:53	1
4-Chloroaniline	ND		9.7	0.86	ug/L		09/15/14 09:36	09/17/14 15:53	1
4-Chlorophenyl phenyl ether	ND		9.7	0.49	ug/L		09/15/14 09:36	09/17/14 15:53	1
4-Methylphenol	ND		9.7	0.88	ug/L		09/15/14 09:36	09/17/14 15:53	1
4-Nitroaniline	ND		49	1.7	ug/L		09/15/14 09:36	09/17/14 15:53	1
4-Nitrophenol	ND		49	6.3	ug/L		09/15/14 09:36	09/17/14 15:53	1
Acenaphthene	ND		1.9	0.14	ug/L		09/15/14 09:36	09/17/14 15:53	1
Acenaphthylene	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1
Acetophenone	ND		9.7	0.78	ug/L		09/15/14 09:36	09/17/14 15:53	1
Aniline	ND		9.7	0.70	ug/L		09/15/14 09:36	09/17/14 15:53	1
Anthracene	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1
Atrazine	ND		9.7	0.87	ug/L		09/15/14 09:36	09/17/14 15:53	1
Benzaldehyde	ND		9.7	1.5	ug/L		09/15/14 09:36	09/17/14 15:53	1
Benzo(a)anthracene	ND		1.9	0.14	ug/L		09/15/14 09:36	09/17/14 15:53	1
Benzo(a)pyrene	ND		1.9	0.13	ug/L		09/15/14 09:36	09/17/14 15:53	1
Benzo(b)fluoranthene	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1
Benzo(g,h,i)perylene	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1
Benzo(k)fluoranthene	ND		1.9	0.53	ug/L		09/15/14 09:36	09/17/14 15:53	1
Biphenyl	ND		9.7	0.40	ug/L		09/15/14 09:36	09/17/14 15:53	1
bis (2-chloroisopropyl) ether	ND		1.9	0.19	ug/L		09/15/14 09:36	09/17/14 15:53	1
Bis(2-chloroethoxy)methane	ND		9.7	0.56	ug/L		09/15/14 09:36	09/17/14 15:53	1
Bis(2-chloroethyl)ether	ND		1.9	0.24	ug/L		09/15/14 09:36	09/17/14 15:53	1
Bis(2-ethylhexyl) phthalate	ND		19	12	ug/L		09/15/14 09:36	09/17/14 15:53	1
Butyl benzyl phthalate	ND		9.7	1.4	ug/L		09/15/14 09:36	09/17/14 15:53	1
Caprolactam	ND		49	12	ug/L		09/15/14 09:36	09/17/14 15:53	1
Carbazole	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1
Chrysene	ND		1.9	0.14	ug/L		09/15/14 09:36	09/17/14 15:53	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 0914**

**Lab Sample ID: 480-67020-11**

**Date Collected: 09/08/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1
Dibenzofuran	ND		9.7	0.60	ug/L		09/15/14 09:36	09/17/14 15:53	1
Diethyl phthalate	ND		9.7	1.4	ug/L		09/15/14 09:36	09/17/14 15:53	1
Dimethyl phthalate	ND		9.7	0.74	ug/L		09/15/14 09:36	09/17/14 15:53	1
Di-n-butyl phthalate	ND		9.7	1.2	ug/L		09/15/14 09:36	09/17/14 15:53	1
Di-n-octyl phthalate	ND		9.7	2.0	ug/L		09/15/14 09:36	09/17/14 15:53	1
Fluoranthene	ND		1.9	0.16	ug/L		09/15/14 09:36	09/17/14 15:53	1
Fluorene	ND		1.9	0.21	ug/L		09/15/14 09:36	09/17/14 15:53	1
Hexachlorobenzene	ND		1.9	0.18	ug/L		09/15/14 09:36	09/17/14 15:53	1
Hexachlorobutadiene	ND		1.9	0.16	ug/L		09/15/14 09:36	09/17/14 15:53	1
Hexachlorocyclopentadiene	ND		9.7	0.50	ug/L		09/15/14 09:36	09/17/14 15:53	1
Hexachloroethane	ND		9.7	0.61	ug/L		09/15/14 09:36	09/17/14 15:53	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.19	ug/L		09/15/14 09:36	09/17/14 15:53	1
Isophorone	ND		9.7	0.63	ug/L		09/15/14 09:36	09/17/14 15:53	1
Naphthalene	ND		1.9	0.14	ug/L		09/15/14 09:36	09/17/14 15:53	1
Nitrobenzene	ND		19	0.82	ug/L		09/15/14 09:36	09/17/14 15:53	1
N-Nitrosodi-n-propylamine	ND		1.9	0.30	ug/L		09/15/14 09:36	09/17/14 15:53	1
N-Nitrosodiphenylamine	ND		9.7	0.83	ug/L		09/15/14 09:36	09/17/14 15:53	1
Pentachlorophenol	ND		9.7	0.64	ug/L		09/15/14 09:36	09/17/14 15:53	1
Phenanthrene	ND		1.9	0.41	ug/L		09/15/14 09:36	09/17/14 15:53	1
Phenol	ND		1.9	0.56	ug/L		09/15/14 09:36	09/17/14 15:53	1
Pyrene	ND		1.9	0.15	ug/L		09/15/14 09:36	09/17/14 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	58		33 - 122	09/15/14 09:36	09/17/14 15:53	1
2-Fluorobiphenyl	60		35 - 108	09/15/14 09:36	09/17/14 15:53	1
2-Fluorophenol	50		26 - 100	09/15/14 09:36	09/17/14 15:53	1
Nitrobenzene-d5	65		37 - 104	09/15/14 09:36	09/17/14 15:53	1
Phenol-d5	61		30 - 102	09/15/14 09:36	09/17/14 15:53	1
Terphenyl-d14 (Surr)	48		25 - 130	09/15/14 09:36	09/17/14 15:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.086</b>	<b>J</b>	0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:58	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:58	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Barium</b>	<b>0.060</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:58	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Cadmium</b>	<b>0.0011</b>	<b>J</b>	0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Calcium</b>	<b>116</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Chromium</b>	<b>0.019</b>		0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Cobalt</b>	<b>0.0016</b>	<b>J</b>	0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Copper</b>	<b>0.0037</b>	<b>J</b>	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Iron</b>	<b>0.90</b>		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:58	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Magnesium</b>	<b>40.2</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Manganese</b>	<b>0.33</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Nickel</b>	<b>0.057</b>		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Potassium</b>	<b>1.0</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:58	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:58	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 0914**

**Lab Sample ID: 480-67020-11**

**Date Collected: 09/08/14 12:00**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Sodium</b>	<b>257</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:58	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:58	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:58	1
<b>Zinc</b>	<b>0.011</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:35	1





# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-51 0914**

**Lab Sample ID: 480-67020-12**

**Date Collected: 09/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 05:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 05:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 05:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 05:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 05:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 05:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 05:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 05:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 05:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 05:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 05:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 05:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 05:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 05:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 05:35	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 05:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 05:35	1
Acetone	ND		10	3.0	ug/L			09/18/14 05:35	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 05:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 05:35	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 05:35	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 05:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 05:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 05:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 05:35	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 05:35	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 05:35	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 05:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 05:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 05:35	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 05:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 05:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 05:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 05:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 05:35	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 05:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 05:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 05:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 05:35	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 05:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 05:35	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 05:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 05:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 05:35	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 05:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 05:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 05:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 05:35	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-51 0914**

**Lab Sample ID: 480-67020-12**

**Date Collected: 09/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		09/18/14 05:35	1
4-Bromofluorobenzene (Surr)	93		73 - 120		09/18/14 05:35	1
Toluene-d8 (Surr)	90		71 - 126		09/18/14 05:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 19:43	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 19:43	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 19:43	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 19:43	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 19:43	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		09/16/14 06:48	09/18/14 19:43	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 19:43	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:43	1
2-Chlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 19:43	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 19:43	1
2-Methylphenol	ND		10	0.86	ug/L		09/16/14 06:48	09/18/14 19:43	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 19:43	1
2-Nitrophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 19:43	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		09/16/14 06:48	09/18/14 19:43	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 19:43	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 19:43	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 19:43	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		09/16/14 06:48	09/18/14 19:43	1
4-Chloroaniline	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 19:43	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		09/16/14 06:48	09/18/14 19:43	1
4-Methylphenol	ND		10	0.90	ug/L		09/16/14 06:48	09/18/14 19:43	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 19:43	1
4-Nitrophenol	ND		50	6.5	ug/L		09/16/14 06:48	09/18/14 19:43	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 19:43	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:43	1
Acetophenone	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 19:43	1
Aniline	ND		10	0.72	ug/L		09/16/14 06:48	09/18/14 19:43	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:43	1
Atrazine	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 19:43	1
Benzaldehyde	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 19:43	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:43	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 19:43	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 19:43	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 19:43	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		09/16/14 06:48	09/18/14 19:43	1
Biphenyl	ND		10	0.42	ug/L		09/16/14 06:48	09/18/14 19:43	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 19:43	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		09/16/14 06:48	09/18/14 19:43	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 19:43	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		09/16/14 06:48	09/18/14 19:43	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		09/16/14 06:48	09/18/14 19:43	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 19:43	1
Carbazole	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 19:43	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 19:43	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-51 0914**

**Lab Sample ID: 480-67020-12**

**Date Collected: 09/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 19:43	1
Dibenzofuran	ND		10	0.62	ug/L		09/16/14 06:48	09/18/14 19:43	1
Diethyl phthalate	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 19:43	1
Dimethyl phthalate	ND		10	0.77	ug/L		09/16/14 06:48	09/18/14 19:43	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		09/16/14 06:48	09/18/14 19:43	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		09/16/14 06:48	09/18/14 19:43	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 19:43	1
Fluorene	ND		2.0	0.22	ug/L		09/16/14 06:48	09/18/14 19:43	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 19:43	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		09/16/14 06:48	09/18/14 19:43	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		09/16/14 06:48	09/18/14 19:43	1
Hexachloroethane	ND		10	0.63	ug/L		09/16/14 06:48	09/18/14 19:43	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 19:43	1
Isophorone	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 19:43	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 19:43	1
Nitrobenzene	ND		20	0.84	ug/L		09/16/14 06:48	09/18/14 19:43	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		09/16/14 06:48	09/18/14 19:43	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 19:43	1
Pentachlorophenol	ND		10	0.66	ug/L		09/16/14 06:48	09/18/14 19:43	1
Phenanthrene	ND		2.0	0.43	ug/L		09/16/14 06:48	09/18/14 19:43	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 19:43	1
Pyrene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		33 - 122	09/16/14 06:48	09/18/14 19:43	1
2-Fluorobiphenyl	81		35 - 108	09/16/14 06:48	09/18/14 19:43	1
2-Fluorophenol	76		26 - 100	09/16/14 06:48	09/18/14 19:43	1
Nitrobenzene-d5	86		37 - 104	09/16/14 06:48	09/18/14 19:43	1
Phenol-d5	78		30 - 102	09/16/14 06:48	09/18/14 19:43	1
Terphenyl-d14 (Surr)	64		25 - 130	09/16/14 06:48	09/18/14 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 20:21	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Arsenic</b>	<b>0.49</b>		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Barium</b>	<b>0.024</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 20:21	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Cadmium</b>	<b>0.00074</b>	<b>J</b>	0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Calcium</b>	<b>509</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Chromium</b>	<b>0.0026</b>	<b>J</b>	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Cobalt</b>	<b>0.0021</b>	<b>J</b>	0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Copper</b>	<b>0.0022</b>	<b>J</b>	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Iron</b>	<b>15.9</b>		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Lead</b>	<b>0.0036</b>	<b>J</b>	0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Magnesium</b>	<b>189</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Manganese</b>	<b>1.7</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Nickel</b>	<b>0.0064</b>	<b>J</b>	0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Potassium</b>	<b>27.7</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 20:21	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 20:21	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-51 0914**

**Lab Sample ID: 480-67020-12**

Date Collected: 09/10/14 09:50

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Sodium</b>	<b>196</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 20:21	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 20:21	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 20:21	1
<b>Zinc</b>	<b>0.0038</b>	<b>J</b>	0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:41	1



# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-PZ-16 0914**

**Lab Sample ID: 480-67020-13**

**Date Collected: 09/10/14 11:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 18:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 18:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 18:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 18:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 18:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 18:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 18:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 18:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 18:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 18:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 18:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 18:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 18:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 18:45	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 18:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 18:45	1
Acetone	ND		10	3.0	ug/L			09/18/14 18:45	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 18:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 18:45	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 18:45	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 18:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 18:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 18:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 18:45	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 18:45	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 18:45	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 18:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 18:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 18:45	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 18:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 18:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 18:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 18:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 18:45	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 18:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 18:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 18:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 18:45	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 18:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 18:45	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 18:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 18:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 18:45	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 18:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 18:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 18:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 18:45	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-PZ-16 0914**

**Lab Sample ID: 480-67020-13**

**Date Collected: 09/10/14 11:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		09/18/14 18:45	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/18/14 18:45	1
Toluene-d8 (Surr)	98		71 - 126		09/18/14 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.9	1.5	ug/L		09/16/14 06:48	09/18/14 20:09	1
2,4,6-Trichlorophenol	ND		9.9	1.7	ug/L		09/16/14 06:48	09/18/14 20:09	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 20:09	1
2,4-Dimethylphenol	ND		9.9	0.84	ug/L		09/16/14 06:48	09/18/14 20:09	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 20:09	1
2,4-Dinitrotoluene	ND		9.9	0.53	ug/L		09/16/14 06:48	09/18/14 20:09	1
2,6-Dinitrotoluene	ND		9.9	0.79	ug/L		09/16/14 06:48	09/18/14 20:09	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 20:09	1
2-Chlorophenol	ND		9.9	1.6	ug/L		09/16/14 06:48	09/18/14 20:09	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 20:09	1
2-Methylphenol	ND		9.9	0.85	ug/L		09/16/14 06:48	09/18/14 20:09	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 20:09	1
2-Nitrophenol	ND		9.9	1.7	ug/L		09/16/14 06:48	09/18/14 20:09	1
3,3'-Dichlorobenzidine	ND		9.9	1.1	ug/L		09/16/14 06:48	09/18/14 20:09	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 20:09	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 20:09	1
4-Bromophenyl phenyl ether	ND		9.9	0.63	ug/L		09/16/14 06:48	09/18/14 20:09	1
4-Chloro-3-methylphenol	ND		9.9	0.75	ug/L		09/16/14 06:48	09/18/14 20:09	1
4-Chloroaniline	ND		9.9	0.88	ug/L		09/16/14 06:48	09/18/14 20:09	1
4-Chlorophenyl phenyl ether	ND		9.9	0.50	ug/L		09/16/14 06:48	09/18/14 20:09	1
4-Methylphenol	ND		9.9	0.89	ug/L		09/16/14 06:48	09/18/14 20:09	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 20:09	1
4-Nitrophenol	ND		50	6.4	ug/L		09/16/14 06:48	09/18/14 20:09	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 20:09	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 20:09	1
Acetophenone	ND		9.9	0.79	ug/L		09/16/14 06:48	09/18/14 20:09	1
Aniline	ND		9.9	0.71	ug/L		09/16/14 06:48	09/18/14 20:09	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 20:09	1
Atrazine	ND		9.9	0.88	ug/L		09/16/14 06:48	09/18/14 20:09	1
Benzaldehyde	ND		9.9	1.5	ug/L		09/16/14 06:48	09/18/14 20:09	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 20:09	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 20:09	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 20:09	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 20:09	1
Benzo(k)fluoranthene	ND		2.0	0.54	ug/L		09/16/14 06:48	09/18/14 20:09	1
Biphenyl	ND		9.9	0.41	ug/L		09/16/14 06:48	09/18/14 20:09	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 20:09	1
Bis(2-chloroethoxy)methane	ND		9.9	0.58	ug/L		09/16/14 06:48	09/18/14 20:09	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 20:09	1
Bis(2-ethylhexyl) phthalate	ND		20	12	ug/L		09/16/14 06:48	09/18/14 20:09	1
Butyl benzyl phthalate	ND		9.9	1.4	ug/L		09/16/14 06:48	09/18/14 20:09	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 20:09	1
Carbazole	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 20:09	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 20:09	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-PZ-16 0914**

**Lab Sample ID: 480-67020-13**

Date Collected: 09/10/14 11:15

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 20:09	1
Dibenzofuran	ND		9.9	0.61	ug/L		09/16/14 06:48	09/18/14 20:09	1
Diethyl phthalate	ND		9.9	1.4	ug/L		09/16/14 06:48	09/18/14 20:09	1
Dimethyl phthalate	ND		9.9	0.76	ug/L		09/16/14 06:48	09/18/14 20:09	1
Di-n-butyl phthalate	ND		9.9	1.2	ug/L		09/16/14 06:48	09/18/14 20:09	1
Di-n-octyl phthalate	ND		9.9	2.0	ug/L		09/16/14 06:48	09/18/14 20:09	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 20:09	1
Fluorene	ND		2.0	0.21	ug/L		09/16/14 06:48	09/18/14 20:09	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 20:09	1
Hexachlorobutadiene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 20:09	1
Hexachlorocyclopentadiene	ND		9.9	0.51	ug/L		09/16/14 06:48	09/18/14 20:09	1
Hexachloroethane	ND		9.9	0.62	ug/L		09/16/14 06:48	09/18/14 20:09	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 20:09	1
Isophorone	ND		9.9	0.64	ug/L		09/16/14 06:48	09/18/14 20:09	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 20:09	1
Nitrobenzene	ND		20	0.83	ug/L		09/16/14 06:48	09/18/14 20:09	1
N-Nitrosodi-n-propylamine	ND		2.0	0.30	ug/L		09/16/14 06:48	09/18/14 20:09	1
N-Nitrosodiphenylamine	ND		9.9	0.84	ug/L		09/16/14 06:48	09/18/14 20:09	1
Pentachlorophenol	ND		9.9	0.66	ug/L		09/16/14 06:48	09/18/14 20:09	1
Phenanthrene	ND		2.0	0.42	ug/L		09/16/14 06:48	09/18/14 20:09	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 20:09	1
Pyrene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		33 - 122	09/16/14 06:48	09/18/14 20:09	1
2-Fluorobiphenyl	80		35 - 108	09/16/14 06:48	09/18/14 20:09	1
2-Fluorophenol	79		26 - 100	09/16/14 06:48	09/18/14 20:09	1
Nitrobenzene-d5	83		37 - 104	09/16/14 06:48	09/18/14 20:09	1
Phenol-d5	74		30 - 102	09/16/14 06:48	09/18/14 20:09	1
Terphenyl-d14 (Surr)	45		25 - 130	09/16/14 06:48	09/18/14 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.060</b>	<b>J</b>	0.20	0.060	mg/L		09/12/14 10:52	09/12/14 20:24	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 20:24	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Barium</b>	<b>0.080</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 20:24	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 20:24	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Calcium</b>	<b>230</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Chromium</b>	<b>0.0016</b>	<b>J</b>	0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Cobalt</b>	<b>0.00090</b>	<b>J</b>	0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Copper</b>	<b>0.0045</b>	<b>J</b>	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Iron</b>	<b>2.8</b>		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 20:24	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Magnesium</b>	<b>56.1</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Manganese</b>	<b>0.38</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Nickel</b>	<b>0.0082</b>	<b>J</b>	0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Potassium</b>	<b>6.7</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Selenium</b>	<b>0.011</b>	<b>J</b>	0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 20:24	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-PZ-16 0914**

**Lab Sample ID: 480-67020-13**

Date Collected: 09/10/14 11:15

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Sodium</b>	<b>23.6</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 20:24	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 20:24	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 20:24	1
<b>Zinc</b>	<b>0.21</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:43	1





# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-67020-14**

**Date Collected: 09/09/14 00:00**

**Matrix: Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 19:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 19:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 19:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 19:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 19:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 19:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 19:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 19:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 19:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 19:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 19:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 19:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 19:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 19:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 19:07	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 19:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 19:07	1
Acetone	ND		10	3.0	ug/L			09/18/14 19:07	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 19:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 19:07	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 19:07	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 19:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 19:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 19:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 19:07	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 19:07	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 19:07	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 19:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 19:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 19:07	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 19:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 19:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 19:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 19:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 19:07	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 19:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 19:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 19:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 19:07	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 19:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 19:07	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 19:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 19:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 19:07	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 19:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 19:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 19:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 19:07	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-67020-14**

**Date Collected: 09/09/14 00:00**

**Matrix: Water**

**Date Received: 09/10/14 15:45**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		09/18/14 19:07	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/18/14 19:07	1
Toluene-d8 (Surr)	96		71 - 126		09/18/14 19:07	1

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 D 0914**

**Lab Sample ID: 480-67020-15**

**Date Collected: 09/08/14 12:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 19:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 19:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 19:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 19:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 19:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 19:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 19:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 19:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 19:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 19:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 19:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 19:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 19:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 19:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 19:30	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 19:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 19:30	1
Acetone	ND		10	3.0	ug/L			09/18/14 19:30	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 19:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 19:30	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 19:30	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 19:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 19:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 19:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 19:30	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 19:30	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 19:30	1
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 19:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 19:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 19:30	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 19:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 19:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 19:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 19:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 19:30	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 19:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 19:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 19:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 19:30	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 19:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 19:30	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 19:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 19:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 19:30	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 19:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 19:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 19:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 19:30	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 D 0914**

**Lab Sample ID: 480-67020-15**

**Date Collected: 09/08/14 12:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		09/18/14 19:30	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/18/14 19:30	1
Toluene-d8 (Surr)	95		71 - 126		09/18/14 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.9	1.5	ug/L		09/15/14 09:37	09/17/14 17:19	1
2,4,6-Trichlorophenol	ND		9.9	1.7	ug/L		09/15/14 09:37	09/17/14 17:19	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/15/14 09:37	09/17/14 17:19	1
2,4-Dimethylphenol	ND		9.9	0.84	ug/L		09/15/14 09:37	09/17/14 17:19	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/15/14 09:37	09/17/14 17:19	1
2,4-Dinitrotoluene	ND		9.9	0.53	ug/L		09/15/14 09:37	09/17/14 17:19	1
2,6-Dinitrotoluene	ND		9.9	0.79	ug/L		09/15/14 09:37	09/17/14 17:19	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/15/14 09:37	09/17/14 17:19	1
2-Chlorophenol	ND		9.9	1.6	ug/L		09/15/14 09:37	09/17/14 17:19	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/15/14 09:37	09/17/14 17:19	1
2-Methylphenol	ND		9.9	0.85	ug/L		09/15/14 09:37	09/17/14 17:19	1
2-Nitroaniline	ND		50	3.5	ug/L		09/15/14 09:37	09/17/14 17:19	1
2-Nitrophenol	ND		9.9	1.7	ug/L		09/15/14 09:37	09/17/14 17:19	1
3,3'-Dichlorobenzidine	ND		9.9	1.1	ug/L		09/15/14 09:37	09/17/14 17:19	1
3-Nitroaniline	ND		50	3.2	ug/L		09/15/14 09:37	09/17/14 17:19	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/15/14 09:37	09/17/14 17:19	1
4-Bromophenyl phenyl ether	ND		9.9	0.63	ug/L		09/15/14 09:37	09/17/14 17:19	1
4-Chloro-3-methylphenol	ND		9.9	0.75	ug/L		09/15/14 09:37	09/17/14 17:19	1
4-Chloroaniline	ND		9.9	0.88	ug/L		09/15/14 09:37	09/17/14 17:19	1
4-Chlorophenyl phenyl ether	ND		9.9	0.50	ug/L		09/15/14 09:37	09/17/14 17:19	1
4-Methylphenol	ND		9.9	0.89	ug/L		09/15/14 09:37	09/17/14 17:19	1
4-Nitroaniline	ND		50	1.7	ug/L		09/15/14 09:37	09/17/14 17:19	1
4-Nitrophenol	ND		50	6.4	ug/L		09/15/14 09:37	09/17/14 17:19	1
Acenaphthene	ND		2.0	0.14	ug/L		09/15/14 09:37	09/17/14 17:19	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/15/14 09:37	09/17/14 17:19	1
Acetophenone	ND		9.9	0.79	ug/L		09/15/14 09:37	09/17/14 17:19	1
Aniline	ND		9.9	0.71	ug/L		09/15/14 09:37	09/17/14 17:19	1
Anthracene	ND		2.0	0.15	ug/L		09/15/14 09:37	09/17/14 17:19	1
Atrazine	ND		9.9	0.88	ug/L		09/15/14 09:37	09/17/14 17:19	1
Benzaldehyde	ND		9.9	1.5	ug/L		09/15/14 09:37	09/17/14 17:19	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/15/14 09:37	09/17/14 17:19	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/15/14 09:37	09/17/14 17:19	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/15/14 09:37	09/17/14 17:19	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/15/14 09:37	09/17/14 17:19	1
Benzo(k)fluoranthene	ND		2.0	0.54	ug/L		09/15/14 09:37	09/17/14 17:19	1
Biphenyl	ND		9.9	0.41	ug/L		09/15/14 09:37	09/17/14 17:19	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/15/14 09:37	09/17/14 17:19	1
Bis(2-chloroethoxy)methane	ND		9.9	0.58	ug/L		09/15/14 09:37	09/17/14 17:19	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/15/14 09:37	09/17/14 17:19	1
Bis(2-ethylhexyl) phthalate	ND		20	12	ug/L		09/15/14 09:37	09/17/14 17:19	1
Butyl benzyl phthalate	ND		9.9	1.4	ug/L		09/15/14 09:37	09/17/14 17:19	1
Caprolactam	ND		50	12	ug/L		09/15/14 09:37	09/17/14 17:19	1
Carbazole	ND		2.0	0.16	ug/L		09/15/14 09:37	09/17/14 17:19	1
Chrysene	ND		2.0	0.14	ug/L		09/15/14 09:37	09/17/14 17:19	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 D 0914**

**Lab Sample ID: 480-67020-15**

**Date Collected: 09/08/14 12:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.15	ug/L		09/15/14 09:37	09/17/14 17:19	1
Dibenzofuran	ND		9.9	0.61	ug/L		09/15/14 09:37	09/17/14 17:19	1
Diethyl phthalate	ND		9.9	1.4	ug/L		09/15/14 09:37	09/17/14 17:19	1
Dimethyl phthalate	ND		9.9	0.76	ug/L		09/15/14 09:37	09/17/14 17:19	1
Di-n-butyl phthalate	ND		9.9	1.2	ug/L		09/15/14 09:37	09/17/14 17:19	1
Di-n-octyl phthalate	ND		9.9	2.0	ug/L		09/15/14 09:37	09/17/14 17:19	1
Fluoranthene	ND		2.0	0.16	ug/L		09/15/14 09:37	09/17/14 17:19	1
Fluorene	ND		2.0	0.21	ug/L		09/15/14 09:37	09/17/14 17:19	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/15/14 09:37	09/17/14 17:19	1
Hexachlorobutadiene	ND		2.0	0.16	ug/L		09/15/14 09:37	09/17/14 17:19	1
Hexachlorocyclopentadiene	ND		9.9	0.51	ug/L		09/15/14 09:37	09/17/14 17:19	1
Hexachloroethane	ND		9.9	0.62	ug/L		09/15/14 09:37	09/17/14 17:19	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/15/14 09:37	09/17/14 17:19	1
Isophorone	ND		9.9	0.64	ug/L		09/15/14 09:37	09/17/14 17:19	1
Naphthalene	ND		2.0	0.14	ug/L		09/15/14 09:37	09/17/14 17:19	1
Nitrobenzene	ND		20	0.83	ug/L		09/15/14 09:37	09/17/14 17:19	1
N-Nitrosodi-n-propylamine	ND		2.0	0.30	ug/L		09/15/14 09:37	09/17/14 17:19	1
N-Nitrosodiphenylamine	ND		9.9	0.84	ug/L		09/15/14 09:37	09/17/14 17:19	1
Pentachlorophenol	ND		9.9	0.66	ug/L		09/15/14 09:37	09/17/14 17:19	1
Phenanthrene	ND		2.0	0.42	ug/L		09/15/14 09:37	09/17/14 17:19	1
Phenol	ND		2.0	0.58	ug/L		09/15/14 09:37	09/17/14 17:19	1
Pyrene	ND		2.0	0.16	ug/L		09/15/14 09:37	09/17/14 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	70		33 - 122	09/15/14 09:37	09/17/14 17:19	1
2-Fluorobiphenyl	70		35 - 108	09/15/14 09:37	09/17/14 17:19	1
2-Fluorophenol	60		26 - 100	09/15/14 09:37	09/17/14 17:19	1
Nitrobenzene-d5	75		37 - 104	09/15/14 09:37	09/17/14 17:19	1
Phenol-d5	72		30 - 102	09/15/14 09:37	09/17/14 17:19	1
Terphenyl-d14 (Surr)	49		25 - 130	09/15/14 09:37	09/17/14 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.18</b>	<b>J</b>	0.20	0.060	mg/L		09/12/14 10:52	09/12/14 20:26	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 20:26	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Barium</b>	<b>0.060</b>		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 20:26	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Cadmium</b>	<b>0.0012</b>	<b>J</b>	0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Calcium</b>	<b>114</b>		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Chromium</b>	<b>0.033</b>		0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Cobalt</b>	<b>0.0019</b>	<b>J</b>	0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Copper</b>	<b>0.0040</b>	<b>J</b>	0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Iron</b>	<b>0.93</b>		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 20:26	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Magnesium</b>	<b>39.2</b>		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Manganese</b>	<b>0.33</b>		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Nickel</b>	<b>0.061</b>		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Potassium</b>	<b>1.1</b>	<b>B</b>	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 20:26	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 20:26	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 D 0914**

**Lab Sample ID: 480-67020-15**

Date Collected: 09/08/14 12:15

Matrix: Ground Water

Date Received: 09/10/14 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Sodium</b>	<b>256</b>		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 20:26	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 20:26	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 20:26	1
<b>Zinc</b>	<b>0.010</b>		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:44	1



# Surrogate Summary

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

TestAmerica Job ID: 480-67020-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-67020-1	BCC Area E MW-E03 0914	88	94	90
480-67020-2	BCC Area E MW-E04 0914	86	94	91
480-67020-3	BCC Area E MW-E05 0914	87	95	89
480-67020-4	BCC Area E MW-E06 0914	86	97	91
480-67020-5	BCC Area E MW-E07 0914	86	95	90
480-67020-6	BCC Area E R-10 0914	86	95	91
480-67020-7	BCC Area E R-11 0914	86	96	90
480-67020-8	BCC Area E RFI-17 0914	84	97	91
480-67020-9	BCC Area E RFI-29 0914	85	98	90
480-67020-10	BCC Area E RFI-32 0914	103	99	98
480-67020-11	BCC Area E RFI-33 0914	87	96	92
480-67020-11 MS	BCC Area E RFI-33 MS 0914	105	96	97
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	101	96	96
480-67020-12	BCC Area E RFI-51 0914	86	93	90
480-67020-13	BCC Area E RFI-PZ-16 0914	103	99	98
480-67020-15	BCC Area E RFI-33 D 0914	105	94	95

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-67020-14	TRIP BLANK	108	96	96
LCS 480-202957/4	Lab Control Sample	85	99	92
LCS 480-203051/4	Lab Control Sample	107	106	106
MB 480-202957/7	Method Blank	84	95	90
MB 480-203051/6	Method Blank	103	104	103

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-122)	FBP (35-108)	2FP (26-100)	NBZ (37-104)	PHL (30-102)	TPH (25-130)
480-67020-1	BCC Area E MW-E03 0914	69	65	55	67	65	42
480-67020-2	BCC Area E MW-E04 0914	81	85	74	89	86	44
480-67020-3	BCC Area E MW-E05 0914	82	78	55	83	62	69
480-67020-4	BCC Area E MW-E06 0914	98	81	82	85	77	47
480-67020-5	BCC Area E MW-E07 0914	105	86	81	90	76	40

TestAmerica Buffalo

# Surrogate Summary

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

TestAmerica Job ID: 480-67020-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-122)	FBP (35-108)	2FP (26-100)	NBZ (37-104)	PHL (30-102)	TPH (25-130)
480-67020-6	BCC Area E R-10 0914	83	91	75	94	82	41
480-67020-7	BCC Area E R-11 0914	99	88	69	90	75	78
480-67020-8	BCC Area E RFI-17 0914	61	65	63	71	70	51
480-67020-9	BCC Area E RFI-29 0914	101	85	73	91	76	62
480-67020-10	BCC Area E RFI-32 0914	100	74	76	84	72	47
480-67020-11	BCC Area E RFI-33 0914	58	60	50	65	61	48
480-67020-11 MS	BCC Area E RFI-33 MS 0914	83	66	48	70	66	62
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	82	66	47	69	66	63
480-67020-12	BCC Area E RFI-51 0914	99	81	76	86	78	64
480-67020-13	BCC Area E RFI-PZ-16 0914	93	80	79	83	74	45
480-67020-15	BCC Area E RFI-33 D 0914	70	70	60	75	72	49

### Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-122)	FBP (35-108)	2FP (26-100)	NBZ (37-104)	PHL (30-102)	TPH (25-130)
LCS 180-118061/2-A	Lab Control Sample	71	61	68	67	68	67
LCS 180-118158/2-A	Lab Control Sample	72	64	70	67	64	60
LCSD 180-118158/3-A	Lab Control Sample Dup	75	66	74	71	66	63
MB 180-118061/1-A	Method Blank	66	63	72	68	73	70
MB 180-118158/1-A	Method Blank	77	67	76	71	68	66

### Surrogate Legend

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



# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: MB 480-202957/7**

**Matrix: Water**

**Analysis Batch: 202957**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/17/14 23:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/14 23:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/14 23:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/14 23:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/14 23:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/14 23:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/14 23:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/14 23:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/14 23:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/14 23:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/14 23:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/14 23:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/14 23:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/14 23:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/14 23:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/14 23:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/14 23:52	1
Acetone	ND		10	3.0	ug/L			09/17/14 23:52	1
Benzene	ND		1.0	0.41	ug/L			09/17/14 23:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/14 23:52	1
Bromoform	ND		1.0	0.26	ug/L			09/17/14 23:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/14 23:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/14 23:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/14 23:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/14 23:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/14 23:52	1
Chloroform	ND		1.0	0.34	ug/L			09/17/14 23:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/14 23:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/14 23:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/14 23:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/14 23:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/14 23:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/14 23:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/14 23:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/14 23:52	1
Methyl acetate	ND		2.5	0.50	ug/L			09/17/14 23:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/14 23:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/14 23:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/14 23:52	1
Styrene	ND		1.0	0.73	ug/L			09/17/14 23:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/14 23:52	1
Toluene	ND		1.0	0.51	ug/L			09/17/14 23:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/14 23:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/14 23:52	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/14 23:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/14 23:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/14 23:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/14 23:52	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: MB 480-202957/7**

**Matrix: Water**

**Analysis Batch: 202957**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	84		66 - 137		09/17/14 23:52	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/17/14 23:52	1
Toluene-d8 (Surr)	90		71 - 126		09/17/14 23:52	1

**Lab Sample ID: LCS 480-202957/4**

**Matrix: Water**

**Analysis Batch: 202957**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.0		ug/L		88	52 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	21.7		ug/L		87	71 - 129
1,1-Dichloroethene	25.0	22.5		ug/L		90	58 - 121
1,2,4-Trichlorobenzene	25.0	21.2		ug/L		85	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.4		ug/L		77	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	24.1		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	75 - 120
2-Butanone (MEK)	125	115		ug/L		92	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		82	71 - 125
Acetone	125	127		ug/L		102	56 - 142
Benzene	25.0	23.3		ug/L		93	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	29.2		ug/L		117	52 - 132
Bromomethane	25.0	21.8		ug/L		87	55 - 144
Carbon disulfide	25.0	20.1		ug/L		80	59 - 134
Carbon tetrachloride	25.0	24.5		ug/L		98	72 - 134
Chlorobenzene	25.0	23.7		ug/L		95	72 - 120
Chloroethane	25.0	24.4		ug/L		97	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	21.6		ug/L		86	68 - 124
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	27.1		ug/L		108	74 - 124
Cyclohexane	25.0	21.0		ug/L		84	59 - 135
Dibromochloromethane	25.0	27.3		ug/L		109	75 - 125
Dichlorodifluoromethane	25.0	20.5		ug/L		82	59 - 135
Ethylbenzene	25.0	23.3		ug/L		93	77 - 123
Isopropylbenzene	25.0	24.2		ug/L		97	77 - 122
Methyl acetate	125	98.9		ug/L		79	74 - 133
Methyl tert-butyl ether	25.0	22.6		ug/L		90	64 - 127
Methylcyclohexane	25.0	22.3		ug/L		89	61 - 138

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCS 480-202957/4**

**Matrix: Water**

**Analysis Batch: 202957**

**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	57 - 132
Styrene	25.0	24.3		ug/L		97	70 - 130
Tetrachloroethene	25.0	23.6		ug/L		94	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	22.3		ug/L		89	73 - 127
trans-1,3-Dichloropropene	25.0	28.4		ug/L		114	72 - 123
Trichloroethene	25.0	23.9		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 152
Vinyl chloride	25.0	21.5		ug/L		86	65 - 133
Xylenes, Total	50.0	47.7		ug/L		95	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	85		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	92		71 - 126

**Lab Sample ID: MB 480-203051/6**

**Matrix: Water**

**Analysis Batch: 203051**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/18/14 13:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/18/14 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/18/14 13:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/18/14 13:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/18/14 13:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/18/14 13:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/18/14 13:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/18/14 13:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/18/14 13:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/18/14 13:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/18/14 13:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/18/14 13:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/18/14 13:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/18/14 13:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/18/14 13:17	1
2-Hexanone	ND		5.0	1.2	ug/L			09/18/14 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/18/14 13:17	1
Acetone	ND		10	3.0	ug/L			09/18/14 13:17	1
Benzene	ND		1.0	0.41	ug/L			09/18/14 13:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/18/14 13:17	1
Bromoform	ND		1.0	0.26	ug/L			09/18/14 13:17	1
Bromomethane	ND		1.0	0.69	ug/L			09/18/14 13:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/18/14 13:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/18/14 13:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/18/14 13:17	1
Chloroethane	ND		1.0	0.32	ug/L			09/18/14 13:17	1
Chloroform	ND		1.0	0.34	ug/L			09/18/14 13:17	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: MB 480-203051/6**

**Matrix: Water**

**Analysis Batch: 203051**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			09/18/14 13:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/14 13:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/18/14 13:17	1
Cyclohexane	ND		1.0	0.18	ug/L			09/18/14 13:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/18/14 13:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/18/14 13:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/18/14 13:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/18/14 13:17	1
Methyl acetate	ND		2.5	0.50	ug/L			09/18/14 13:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/18/14 13:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/18/14 13:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/14 13:17	1
Styrene	ND		1.0	0.73	ug/L			09/18/14 13:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/14 13:17	1
Toluene	ND		1.0	0.51	ug/L			09/18/14 13:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/14 13:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/18/14 13:17	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/14 13:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/18/14 13:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/18/14 13:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/18/14 13:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		09/18/14 13:17	1
4-Bromofluorobenzene (Surr)	104		73 - 120		09/18/14 13:17	1
Toluene-d8 (Surr)	103		71 - 126		09/18/14 13:17	1

**Lab Sample ID: LCS 480-203051/4**

**Matrix: Water**

**Analysis Batch: 203051**

**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	25.6		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.4		ug/L		89	52 - 148
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	24.0		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	23.9		ug/L		96	58 - 121
1,2,4-Trichlorobenzene	25.0	26.5		ug/L		106	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.1		ug/L		96	56 - 134
1,2-Dibromoethane	25.0	26.0		ug/L		104	77 - 120
1,2-Dichlorobenzene	25.0	24.9		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	25.5		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	25.9		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	75 - 120
2-Butanone (MEK)	125	134		ug/L		107	57 - 140

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCS 480-203051/4**

**Matrix: Water**

**Analysis Batch: 203051**

**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	139		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		109	71 - 125
Acetone	125	131		ug/L		105	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Bromoform	25.0	20.4		ug/L		81	52 - 132
Bromomethane	25.0	24.4		ug/L		98	55 - 144
Carbon disulfide	25.0	27.6		ug/L		110	59 - 134
Carbon tetrachloride	25.0	24.1		ug/L		96	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	72 - 120
Chloroethane	25.0	26.0		ug/L		104	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	24.5		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	27.7		ug/L		111	74 - 124
Cyclohexane	25.0	22.5		ug/L		90	59 - 135
Dibromochloromethane	25.0	21.2		ug/L		85	75 - 125
Dichlorodifluoromethane	25.0	28.3		ug/L		113	59 - 135
Ethylbenzene	25.0	24.8		ug/L		99	77 - 123
Isopropylbenzene	25.0	26.1		ug/L		105	77 - 122
Methyl acetate	125	128		ug/L		103	74 - 133
Methyl tert-butyl ether	25.0	25.9		ug/L		104	64 - 127
Methylcyclohexane	25.0	23.4		ug/L		93	61 - 138
Methylene Chloride	25.0	22.7		ug/L		91	57 - 132
Styrene	25.0	26.0		ug/L		104	70 - 130
Tetrachloroethene	25.0	23.2		ug/L		93	74 - 122
Toluene	25.0	23.9		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	27.4		ug/L		110	72 - 123
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	29.3		ug/L		117	62 - 152
Vinyl chloride	25.0	25.8		ug/L		103	65 - 133
Xylenes, Total	50.0	50.3		ug/L		101	76 - 122

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	106		71 - 126

**Lab Sample ID: 480-67020-11 MS**

**Matrix: Ground Water**

**Analysis Batch: 203051**

**Client Sample ID: BCC Area E RFI-33 MS 0914**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
1,1,1-Trichloroethane	ND		25.0	31.1		ug/L		124	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	30.1		ug/L		120	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.3		ug/L		105	52 - 148

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

Lab Sample ID: 480-67020-11 MS

Matrix: Ground Water

Analysis Batch: 203051

Client Sample ID: BCC Area E RFI-33 MS 0914

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,2-Trichloroethane	ND		25.0	27.8		ug/L		111	76 - 122
1,1-Dichloroethane	ND		25.0	28.8		ug/L		115	71 - 129
1,1-Dichloroethene	ND		25.0	30.0		ug/L		120	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	31.9		ug/L		128	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.8		ug/L		107	56 - 134
1,2-Dibromoethane	ND		25.0	28.2		ug/L		113	77 - 120
1,2-Dichlorobenzene	ND		25.0	28.5		ug/L		114	80 - 124
1,2-Dichloroethane	ND		25.0	28.6		ug/L		114	75 - 127
1,2-Dichloropropane	ND		25.0	28.9		ug/L		115	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.8		ug/L		111	77 - 120
1,4-Dichlorobenzene	ND		25.0	28.0		ug/L		112	75 - 120
2-Butanone (MEK)	ND		125	146		ug/L		117	57 - 140
2-Hexanone	ND		125	149		ug/L		119	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	149		ug/L		119	71 - 125
Acetone	ND		125	145		ug/L		116	56 - 142
Benzene	ND		25.0	28.0		ug/L		112	71 - 124
Bromodichloromethane	ND		25.0	29.0		ug/L		116	80 - 122
Bromoform	ND		25.0	19.7		ug/L		79	52 - 132
Bromomethane	ND		25.0	18.4		ug/L		74	55 - 144
Carbon disulfide	ND		25.0	31.1		ug/L		124	59 - 134
Carbon tetrachloride	ND		25.0	27.4		ug/L		110	72 - 134
Chlorobenzene	ND		25.0	27.2		ug/L		109	72 - 120
Chloroethane	ND		25.0	30.1		ug/L		121	69 - 136
Chloroform	ND		25.0	28.3		ug/L		113	73 - 127
Chloromethane	ND		25.0	26.9		ug/L		107	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.0		ug/L		112	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.9		ug/L		108	74 - 124
Cyclohexane	ND		25.0	28.4		ug/L		114	59 - 135
Dibromochloromethane	ND		25.0	21.9		ug/L		88	75 - 125
Dichlorodifluoromethane	ND		25.0	32.1		ug/L		128	59 - 135
Ethylbenzene	ND		25.0	29.0		ug/L		116	77 - 123
Isopropylbenzene	ND		25.0	30.7		ug/L		123	77 - 122
Methyl acetate	ND		125	121		ug/L		97	74 - 133
Methyl tert-butyl ether	ND		25.0	28.7		ug/L		115	64 - 127
Methylcyclohexane	ND		25.0	26.4		ug/L		106	61 - 138
Methylene Chloride	ND		25.0	27.1		ug/L		108	57 - 132
Styrene	ND		25.0	29.1		ug/L		116	70 - 130
Tetrachloroethene	ND		25.0	26.7		ug/L		107	74 - 122
Toluene	ND		25.0	27.9		ug/L		112	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.1		ug/L		112	73 - 127
trans-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	72 - 123
Trichloroethene	ND		25.0	29.1		ug/L		116	74 - 123
Trichlorofluoromethane	ND		25.0	34.5		ug/L		138	62 - 152
Vinyl chloride	ND		25.0	30.8		ug/L		123	65 - 133
Xylenes, Total	ND		50.0	57.0		ug/L		NaN	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: 480-67020-11 MS**

**Matrix: Ground Water**

**Analysis Batch: 203051**

**Client Sample ID: BCC Area E RFI-33 MS 0914**

**Prep Type: Total/NA**

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	97		71 - 126

**Lab Sample ID: 480-67020-11 MSD**

**Matrix: Ground Water**

**Analysis Batch: 203051**

**Client Sample ID: BCC Area E RFI-33 MSD 0914**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
				Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	29.7		ug/L		119	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		25.0	28.2		ug/L		113	70 - 126	7	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.2		ug/L		109	52 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	76 - 122	9	15
1,1-Dichloroethane	ND		25.0	26.1		ug/L		105	71 - 129	10	20
1,1-Dichloroethene	ND		25.0	27.5		ug/L		110	58 - 121	9	16
1,2,4-Trichlorobenzene	ND		25.0	27.2		ug/L		109	70 - 122	16	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.5		ug/L		98	56 - 134	9	15
1,2-Dibromoethane	ND		25.0	26.3		ug/L		105	77 - 120	7	15
1,2-Dichlorobenzene	ND		25.0	26.4		ug/L		105	80 - 124	8	20
1,2-Dichloroethane	ND		25.0	26.5		ug/L		106	75 - 127	7	20
1,2-Dichloropropane	ND		25.0	26.7		ug/L		107	76 - 120	8	20
1,3-Dichlorobenzene	ND		25.0	26.2		ug/L		105	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	25.7		ug/L		103	75 - 120	8	20
2-Butanone (MEK)	ND		125	134		ug/L		107	57 - 140	8	20
2-Hexanone	ND		125	138		ug/L		110	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	ND		125	138		ug/L		111	71 - 125	7	35
Acetone	ND		125	133		ug/L		106	56 - 142	8	15
Benzene	ND		25.0	25.6		ug/L		103	71 - 124	9	13
Bromodichloromethane	ND		25.0	27.1		ug/L		109	80 - 122	7	15
Bromoform	ND		25.0	19.2		ug/L		77	52 - 132	3	15
Bromomethane	ND		25.0	19.3		ug/L		77	55 - 144	5	15
Carbon disulfide	ND		25.0	29.4		ug/L		118	59 - 134	6	15
Carbon tetrachloride	ND		25.0	27.7		ug/L		111	72 - 134	1	15
Chlorobenzene	ND		25.0	25.3		ug/L		101	72 - 120	7	25
Chloroethane	ND		25.0	30.7		ug/L		123	69 - 136	2	15
Chloroform	ND		25.0	25.6		ug/L		103	73 - 127	10	20
Chloromethane	ND		25.0	27.4		ug/L		109	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	74 - 124	7	15
cis-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	74 - 124	8	15
Cyclohexane	ND		25.0	26.0		ug/L		104	59 - 135	9	20
Dibromochloromethane	ND		25.0	20.8		ug/L		83	75 - 125	5	15
Dichlorodifluoromethane	ND		25.0	30.5		ug/L		122	59 - 135	5	20
Ethylbenzene	ND		25.0	26.5		ug/L		106	77 - 123	9	15
Isopropylbenzene	ND		25.0	28.6		ug/L		114	77 - 122	7	20
Methyl acetate	ND		125	113		ug/L		90	74 - 133	7	20
Methyl tert-butyl ether	ND		25.0	26.6		ug/L		107	64 - 127	8	37
Methylcyclohexane	ND		25.0	24.7		ug/L		99	61 - 138	7	20
Methylene Chloride	ND		25.0	25.3		ug/L		101	57 - 132	7	15

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: 480-67020-11 MSD**

**Matrix: Ground Water**

**Analysis Batch: 203051**

**Client Sample ID: BCC Area E RFI-33 MSD 0914**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Styrene	ND		25.0	27.4		ug/L		110	70 - 130	6	20
Tetrachloroethene	ND		25.0	24.6		ug/L		99	74 - 122	8	20
Toluene	ND		25.0	25.6		ug/L		102	80 - 122	8	15
trans-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	72 - 123	5	15
Trichloroethene	ND		25.0	26.4		ug/L		106	74 - 123	9	16
Trichlorofluoromethane	ND		25.0	34.6		ug/L		138	62 - 152	0	20
Vinyl chloride	ND		25.0	30.4		ug/L		122	65 - 133	1	15
Xylenes, Total	ND		50.0	53.6		ug/L		107	76 - 122	6	16
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1,2-Dichloroethane-d4 (Surr)	101		66 - 137								
4-Bromofluorobenzene (Surr)	96		73 - 120								
Toluene-d8 (Surr)	96		71 - 126								

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

**Lab Sample ID: MB 180-118061/1-A**

**Matrix: Water**

**Analysis Batch: 118316**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 118061**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		09/15/14 09:35	09/17/14 10:50	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		09/15/14 09:35	09/17/14 10:50	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/15/14 09:35	09/17/14 10:50	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		09/15/14 09:35	09/17/14 10:50	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/15/14 09:35	09/17/14 10:50	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		09/15/14 09:35	09/17/14 10:50	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		09/15/14 09:35	09/17/14 10:50	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 10:50	1
2-Chlorophenol	ND		10	1.7	ug/L		09/15/14 09:35	09/17/14 10:50	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/15/14 09:35	09/17/14 10:50	1
2-Methylphenol	ND		10	0.86	ug/L		09/15/14 09:35	09/17/14 10:50	1
2-Nitroaniline	ND		50	3.5	ug/L		09/15/14 09:35	09/17/14 10:50	1
2-Nitrophenol	ND		10	1.7	ug/L		09/15/14 09:35	09/17/14 10:50	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		09/15/14 09:35	09/17/14 10:50	1
3-Nitroaniline	ND		50	3.2	ug/L		09/15/14 09:35	09/17/14 10:50	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/15/14 09:35	09/17/14 10:50	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		09/15/14 09:35	09/17/14 10:50	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		09/15/14 09:35	09/17/14 10:50	1
4-Chloroaniline	ND		10	0.89	ug/L		09/15/14 09:35	09/17/14 10:50	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		09/15/14 09:35	09/17/14 10:50	1
4-Methylphenol	ND		10	0.90	ug/L		09/15/14 09:35	09/17/14 10:50	1
4-Nitroaniline	ND		50	1.7	ug/L		09/15/14 09:35	09/17/14 10:50	1
4-Nitrophenol	ND		50	6.5	ug/L		09/15/14 09:35	09/17/14 10:50	1
Acenaphthene	ND		2.0	0.14	ug/L		09/15/14 09:35	09/17/14 10:50	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 10:50	1
Acetophenone	ND		10	0.80	ug/L		09/15/14 09:35	09/17/14 10:50	1

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

Lab Sample ID: MB 180-118061/1-A

Matrix: Water

Analysis Batch: 118316

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 118061

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aniline	ND		10	0.72	ug/L		09/15/14 09:35	09/17/14 10:50	1
Anthracene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 10:50	1
Atrazine	ND		10	0.89	ug/L		09/15/14 09:35	09/17/14 10:50	1
Benzaldehyde	ND		10	1.5	ug/L		09/15/14 09:35	09/17/14 10:50	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 10:50	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/15/14 09:35	09/17/14 10:50	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/15/14 09:35	09/17/14 10:50	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/15/14 09:35	09/17/14 10:50	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		09/15/14 09:35	09/17/14 10:50	1
Biphenyl	ND		10	0.42	ug/L		09/15/14 09:35	09/17/14 10:50	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/15/14 09:35	09/17/14 10:50	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		09/15/14 09:35	09/17/14 10:50	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/15/14 09:35	09/17/14 10:50	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		09/15/14 09:35	09/17/14 10:50	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		09/15/14 09:35	09/17/14 10:50	1
Caprolactam	ND		50	12	ug/L		09/15/14 09:35	09/17/14 10:50	1
Carbazole	ND		2.0	0.16	ug/L		09/15/14 09:35	09/17/14 10:50	1
Chrysene	ND		2.0	0.14	ug/L		09/15/14 09:35	09/17/14 10:50	1
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		09/15/14 09:35	09/17/14 10:50	1
Dibenzofuran	ND		10	0.62	ug/L		09/15/14 09:35	09/17/14 10:50	1
Diethyl phthalate	ND		10	1.5	ug/L		09/15/14 09:35	09/17/14 10:50	1
Dimethyl phthalate	ND		10	0.77	ug/L		09/15/14 09:35	09/17/14 10:50	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		09/15/14 09:35	09/17/14 10:50	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		09/15/14 09:35	09/17/14 10:50	1
Fluoranthene	ND		2.0	0.16	ug/L		09/15/14 09:35	09/17/14 10:50	1
Fluorene	ND		2.0	0.22	ug/L		09/15/14 09:35	09/17/14 10:50	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/15/14 09:35	09/17/14 10:50	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		09/15/14 09:35	09/17/14 10:50	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		09/15/14 09:35	09/17/14 10:50	1
Hexachloroethane	ND		10	0.63	ug/L		09/15/14 09:35	09/17/14 10:50	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/15/14 09:35	09/17/14 10:50	1
Isophorone	ND		10	0.64	ug/L		09/15/14 09:35	09/17/14 10:50	1
Naphthalene	ND		2.0	0.14	ug/L		09/15/14 09:35	09/17/14 10:50	1
Nitrobenzene	ND		20	0.84	ug/L		09/15/14 09:35	09/17/14 10:50	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		09/15/14 09:35	09/17/14 10:50	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		09/15/14 09:35	09/17/14 10:50	1
Pentachlorophenol	ND		10	0.66	ug/L		09/15/14 09:35	09/17/14 10:50	1
Phenanthrene	ND		2.0	0.43	ug/L		09/15/14 09:35	09/17/14 10:50	1
Phenol	ND		2.0	0.58	ug/L		09/15/14 09:35	09/17/14 10:50	1
Pyrene	ND		2.0	0.16	ug/L		09/15/14 09:35	09/17/14 10:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	66		33 - 122	09/15/14 09:35	09/17/14 10:50	1
2-Fluorobiphenyl	63		35 - 108	09/15/14 09:35	09/17/14 10:50	1
2-Fluorophenol	72		26 - 100	09/15/14 09:35	09/17/14 10:50	1
Nitrobenzene-d5	68		37 - 104	09/15/14 09:35	09/17/14 10:50	1
Phenol-d5	73		30 - 102	09/15/14 09:35	09/17/14 10:50	1
Terphenyl-d14 (Surr)	70		25 - 130	09/15/14 09:35	09/17/14 10:50	1

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCS 180-118061/2-A**

**Matrix: Water**

**Analysis Batch: 118316**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 118061**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	200	138		ug/L		69	31 - 111
2,4,6-Trichlorophenol	200	150		ug/L		75	34 - 110
2,4-Dichlorophenol	200	146		ug/L		73	34 - 106
2,4-Dimethylphenol	200	137		ug/L		69	34 - 98
2,4-Dinitrophenol	400	253		ug/L		63	3 - 125
2,4-Dinitrotoluene	200	144		ug/L		72	41 - 117
2,6-Dinitrotoluene	200	144		ug/L		72	42 - 118
2-Chloronaphthalene	200	121		ug/L		60	37 - 102
2-Chlorophenol	200	137		ug/L		68	34 - 100
2-Methylnaphthalene	200	135		ug/L		68	36 - 101
2-Methylphenol	200	148		ug/L		74	34 - 101
2-Nitroaniline	200	151		ug/L		75	37 - 114
2-Nitrophenol	200	151		ug/L		75	33 - 108
3,3'-Dichlorobenzidine	200	132		ug/L		66	11 - 106
3-Nitroaniline	200	139		ug/L		69	32 - 117
4,6-Dinitro-2-methylphenol	400	280		ug/L		70	24 - 121
4-Bromophenyl phenyl ether	200	145		ug/L		73	38 - 108
4-Chloro-3-methylphenol	200	147		ug/L		74	40 - 107
4-Chloroaniline	200	133		ug/L		66	26 - 99
4-Chlorophenyl phenyl ether	200	137		ug/L		69	39 - 107
4-Methylphenol	200	145		ug/L		73	34 - 104
4-Nitroaniline	200	147		ug/L		73	32 - 117
4-Nitrophenol	400	319		ug/L		80	29 - 120
Acenaphthene	200	136		ug/L		68	39 - 106
Acenaphthylene	200	138		ug/L		69	40 - 113
Acetophenone	200	141		ug/L		70	30 - 150
Aniline	200	134		ug/L		67	15 - 97
Anthracene	200	138		ug/L		69	37 - 108
Atrazine	200	145		ug/L		73	30 - 150
Benzaldehyde	200	121		ug/L		60	30 - 150
Benzo(a)anthracene	200	133		ug/L		67	40 - 103
Benzo(a)pyrene	200	128		ug/L		64	37 - 105
Benzo(b)fluoranthene	200	123		ug/L		61	35 - 100
Benzo(g,h,i)perylene	200	134		ug/L		67	31 - 118
Benzo(k)fluoranthene	200	127		ug/L		63	37 - 108
Biphenyl	200	132		ug/L		66	10 - 140
bis (2-chloroisopropyl) ether	200	125		ug/L		63	30 - 100
Bis(2-chloroethoxy)methane	200	137		ug/L		68	36 - 101
Bis(2-chloroethyl)ether	200	131		ug/L		65	34 - 96
Bis(2-ethylhexyl) phthalate	200	143		ug/L		72	35 - 112
Butyl benzyl phthalate	200	146		ug/L		73	34 - 110
Caprolactam	200	160		ug/L		80	10 - 140
Carbazole	200	138		ug/L		69	35 - 113
Chrysene	200	130		ug/L		65	39 - 103
Dibenz(a,h)anthracene	200	131		ug/L		66	32 - 117
Dibenzofuran	200	132		ug/L		66	37 - 107
Diethyl phthalate	200	142		ug/L		71	39 - 112
Dimethyl phthalate	200	139		ug/L		69	40 - 110

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCS 180-118061/2-A**

**Matrix: Water**

**Analysis Batch: 118316**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 118061**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Di-n-butyl phthalate	200	149		ug/L		75	36 - 113	
Di-n-octyl phthalate	200	142		ug/L		71	27 - 118	
Fluoranthene	200	138		ug/L		69	35 - 111	
Fluorene	200	145		ug/L		73	39 - 107	
Hexachlorobenzene	200	142		ug/L		71	35 - 106	
Hexachlorobutadiene	200	139		ug/L		69	30 - 103	
Hexachlorocyclopentadiene	200	130		ug/L		65	19 - 116	
Hexachloroethane	200	131		ug/L		66	27 - 94	
Indeno(1,2,3-cd)pyrene	200	130		ug/L		65	32 - 116	
Isophorone	200	150		ug/L		75	39 - 108	
Naphthalene	200	133		ug/L		67	35 - 98	
Nitrobenzene	200	143		ug/L		72	37 - 103	
N-Nitrosodi-n-propylamine	200	142		ug/L		71	37 - 106	
N-Nitrosodiphenylamine	200	138		ug/L		69	34 - 108	
Pentachlorophenol	400	263		ug/L		66	10 - 118	
Phenanthrene	200	134		ug/L		67	34 - 107	
Phenol	200	136		ug/L		68	35 - 98	
Pyrene	200	130		ug/L		65	36 - 115	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	71		33 - 122
2-Fluorobiphenyl	61		35 - 108
2-Fluorophenol	68		26 - 100
Nitrobenzene-d5	67		37 - 104
Phenol-d5	68		30 - 102
Terphenyl-d14 (Surr)	67		25 - 130

**Lab Sample ID: 480-67020-11 MS**

**Matrix: Ground Water**

**Analysis Batch: 118316**

**Client Sample ID: BCC Area E RFI-33 MS 0914**

**Prep Type: Total/NA**

**Prep Batch: 118061**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier					
2,4,5-Trichlorophenol	ND		194	134		ug/L		69	31 - 111	
2,4,6-Trichlorophenol	ND		194	138		ug/L		71	34 - 110	
2,4-Dichlorophenol	ND		194	123		ug/L		63	34 - 106	
2,4-Dimethylphenol	ND		194	122		ug/L		63	34 - 98	
2,4-Dinitrophenol	ND		388	247		ug/L		64	3 - 125	
2,4-Dinitrotoluene	ND		194	141		ug/L		73	41 - 117	
2,6-Dinitrotoluene	ND		194	144		ug/L		74	42 - 118	
2-Chloronaphthalene	ND		194	112		ug/L		58	37 - 102	
2-Chlorophenol	ND		194	113		ug/L		58	34 - 100	
2-Methylnaphthalene	ND		194	113		ug/L		58	36 - 101	
2-Methylphenol	ND		194	139		ug/L		72	34 - 101	
2-Nitroaniline	ND		194	149		ug/L		77	37 - 114	
2-Nitrophenol	ND		194	131		ug/L		68	33 - 108	
3,3'-Dichlorobenzidine	ND		194	94.4		ug/L		49	11 - 106	
3-Nitroaniline	ND		194	143		ug/L		74	32 - 117	
4,6-Dinitro-2-methylphenol	ND		388	277		ug/L		71	24 - 121	

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: 480-67020-11 MS**

**Matrix: Ground Water**

**Analysis Batch: 118316**

**Client Sample ID: BCC Area E RFI-33 MS 0914**

**Prep Type: Total/NA**

**Prep Batch: 118061**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Bromophenyl phenyl ether	ND		194	134		ug/L		69	38 - 108
4-Chloro-3-methylphenol	ND		194	144		ug/L		74	40 - 107
4-Chloroaniline	ND		194	129		ug/L		66	26 - 99
4-Chlorophenyl phenyl ether	ND		194	126		ug/L		65	39 - 107
4-Methylphenol	ND		194	141		ug/L		73	34 - 104
4-Nitroaniline	ND		194	145		ug/L		75	32 - 117
4-Nitrophenol	ND		388	294		ug/L		76	29 - 120
Acenaphthene	ND		194	127		ug/L		65	39 - 106
Acenaphthylene	ND		194	123		ug/L		64	40 - 113
Acetophenone	ND		194	140		ug/L		72	30 - 150
Aniline	ND		194	117		ug/L		60	15 - 97
Anthracene	ND		194	121		ug/L		62	37 - 108
Atrazine	ND		194	130		ug/L		67	30 - 150
Benzaldehyde	ND		194	142		ug/L		73	30 - 150
Benzo(a)anthracene	ND		194	123		ug/L		63	40 - 103
Benzo(a)pyrene	ND		194	118		ug/L		61	37 - 105
Benzo(b)fluoranthene	ND		194	115		ug/L		59	35 - 100
Benzo(g,h,i)perylene	ND		194	131		ug/L		67	31 - 118
Benzo(k)fluoranthene	ND		194	127		ug/L		65	37 - 108
Biphenyl	ND		194	122		ug/L		63	10 - 140
bis(2-chloroisopropyl) ether	ND		194	118		ug/L		61	30 - 100
Bis(2-chloroethoxy)methane	ND		194	126		ug/L		65	36 - 101
Bis(2-chloroethyl)ether	ND		194	122		ug/L		63	34 - 96
Bis(2-ethylhexyl) phthalate	ND		194	138		ug/L		71	35 - 112
Butyl benzyl phthalate	ND		194	138		ug/L		71	34 - 110
Caprolactam	ND		194	149		ug/L		77	10 - 140
Carbazole	ND		194	127		ug/L		65	35 - 113
Chrysene	ND		194	121		ug/L		62	39 - 103
Dibenz(a,h)anthracene	ND		194	126		ug/L		65	32 - 117
Dibenzofuran	ND		194	120		ug/L		62	37 - 107
Diethyl phthalate	ND		194	143		ug/L		74	39 - 112
Dimethyl phthalate	ND		194	138		ug/L		71	40 - 110
Di-n-butyl phthalate	ND		194	131		ug/L		67	36 - 113
Di-n-octyl phthalate	ND		194	137		ug/L		70	27 - 118
Fluoranthene	ND		194	123		ug/L		63	35 - 111
Fluorene	ND		194	132		ug/L		68	39 - 107
Hexachlorobenzene	ND		194	132		ug/L		68	35 - 106
Hexachlorobutadiene	ND		194	96.5		ug/L		50	30 - 103
Hexachlorocyclopentadiene	ND		194	32.2	F1	ug/L		17	19 - 116
Hexachloroethane	ND		194	84.5		ug/L		44	27 - 94
Indeno(1,2,3-cd)pyrene	ND		194	125		ug/L		65	32 - 116
Isophorone	ND		194	139		ug/L		72	39 - 108
Naphthalene	ND		194	113		ug/L		58	35 - 98
Nitrobenzene	ND		194	131		ug/L		67	37 - 103
N-Nitrosodi-n-propylamine	ND		194	146		ug/L		75	37 - 106
N-Nitrosodiphenylamine	ND		194	84.8		ug/L		44	34 - 108
Pentachlorophenol	ND		388	237		ug/L		61	10 - 118
Phenanthrene	ND		194	125		ug/L		64	34 - 107

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: 480-67020-11 MS**

**Matrix: Ground Water**

**Analysis Batch: 118316**

**Client Sample ID: BCC Area E RFI-33 MS 0914**

**Prep Type: Total/NA**

**Prep Batch: 118061**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	ND		194	115		ug/L		59	35 - 98
Pyrene	ND		194	126		ug/L		65	36 - 115

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	83		33 - 122
2-Fluorobiphenyl	66		35 - 108
2-Fluorophenol	48		26 - 100
Nitrobenzene-d5	70		37 - 104
Phenol-d5	66		30 - 102
Terphenyl-d14 (Surr)	62		25 - 130

**Lab Sample ID: 480-67020-11 MSD**

**Matrix: Ground Water**

**Analysis Batch: 118316**

**Client Sample ID: BCC Area E RFI-33 MSD 0914**

**Prep Type: Total/NA**

**Prep Batch: 118061**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		196	142		ug/L		73	31 - 111	6	32
2,4,6-Trichlorophenol	ND		196	144		ug/L		73	34 - 110	4	35
2,4-Dichlorophenol	ND		196	126		ug/L		64	34 - 106	3	33
2,4-Dimethylphenol	ND		196	121		ug/L		62	34 - 98	1	34
2,4-Dinitrophenol	ND		392	271		ug/L		69	3 - 125	9	62
2,4-Dinitrotoluene	ND		196	152		ug/L		77	41 - 117	7	32
2,6-Dinitrotoluene	ND		196	148		ug/L		75	42 - 118	2	33
2-Chloronaphthalene	ND		196	115		ug/L		58	37 - 102	2	34
2-Chlorophenol	ND		196	116		ug/L		59	34 - 100	2	31
2-Methylnaphthalene	ND		196	118		ug/L		60	36 - 101	4	35
2-Methylphenol	ND		196	144		ug/L		73	34 - 101	3	34
2-Nitroaniline	ND		196	152		ug/L		78	37 - 114	2	33
2-Nitrophenol	ND		196	132		ug/L		67	33 - 108	0	41
3,3'-Dichlorobenzidine	ND		196	100		ug/L		51	11 - 106	6	56
3-Nitroaniline	ND		196	149		ug/L		76	32 - 117	4	46
4,6-Dinitro-2-methylphenol	ND		392	283		ug/L		72	24 - 121	2	50
4-Bromophenyl phenyl ether	ND		196	131		ug/L		67	38 - 108	2	40
4-Chloro-3-methylphenol	ND		196	146		ug/L		74	40 - 107	1	32
4-Chloroaniline	ND		196	132		ug/L		67	26 - 99	2	55
4-Chlorophenyl phenyl ether	ND		196	131		ug/L		67	39 - 107	4	34
4-Methylphenol	ND		196	143		ug/L		73	34 - 104	1	34
4-Nitroaniline	ND		196	155		ug/L		79	32 - 117	7	39
4-Nitrophenol	ND		392	307		ug/L		78	29 - 120	5	39
Acenaphthene	ND		196	128		ug/L		65	39 - 106	1	32
Acenaphthylene	ND		196	128		ug/L		65	40 - 113	4	33
Acetophenone	ND		196	146		ug/L		75	30 - 150	5	30
Aniline	ND		196	118		ug/L		60	15 - 97	1	48
Anthracene	ND		196	121		ug/L		62	37 - 108	0	40
Atrazine	ND		196	134		ug/L		69	30 - 150	3	30
Benzaldehyde	ND		196	147		ug/L		75	30 - 150	4	30
Benzo(a)anthracene	ND		196	128		ug/L		65	40 - 103	4	33
Benzo(a)pyrene	ND		196	121		ug/L		62	37 - 105	2	35

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

Lab Sample ID: 480-67020-11 MSD

Client Sample ID: BCC Area E RFI-33 MSD 0914

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 118316

Prep Batch: 118061

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzo(b)fluoranthene	ND		196	112		ug/L		57	35 - 100	2	44
Benzo(g,h,i)perylene	ND		196	132		ug/L		67	31 - 118	1	45
Benzo(k)fluoranthene	ND		196	132		ug/L		67	37 - 108	4	42
Biphenyl	ND		196	123		ug/L		63	10 - 140	1	30
bis (2-chloroisopropyl) ether	ND		196	123		ug/L		63	30 - 100	4	38
Bis(2-chloroethoxy)methane	ND		196	131		ug/L		67	36 - 101	4	35
Bis(2-chloroethyl)ether	ND		196	128		ug/L		65	34 - 96	5	34
Bis(2-ethylhexyl) phthalate	ND		196	144		ug/L		73	35 - 112	4	34
Butyl benzyl phthalate	ND		196	145		ug/L		74	34 - 110	6	35
Caprolactam	ND		196	164		ug/L		84	10 - 140	10	30
Carbazole	ND		196	126		ug/L		64	35 - 113	1	32
Chrysene	ND		196	125		ug/L		64	39 - 103	3	38
Dibenz(a,h)anthracene	ND		196	131		ug/L		67	32 - 117	4	43
Dibenzofuran	ND		196	125		ug/L		64	37 - 107	4	32
Diethyl phthalate	ND		196	143		ug/L		73	39 - 112	0	32
Dimethyl phthalate	ND		196	147		ug/L		75	40 - 110	6	33
Di-n-butyl phthalate	ND		196	130		ug/L		66	36 - 113	1	39
Di-n-octyl phthalate	ND		196	141		ug/L		72	27 - 118	3	36
Fluoranthene	ND		196	122		ug/L		62	35 - 111	1	43
Fluorene	ND		196	139		ug/L		71	39 - 107	5	33
Hexachlorobenzene	ND		196	133		ug/L		68	35 - 106	0	36
Hexachlorobutadiene	ND		196	96.8		ug/L		49	30 - 103	0	41
Hexachlorocyclopentadiene	ND		196	34.3	F1	ug/L		17	19 - 116	6	57
Hexachloroethane	ND		196	84.6		ug/L		43	27 - 94	0	43
Indeno(1,2,3-cd)pyrene	ND		196	127		ug/L		65	32 - 116	1	45
Isophorone	ND		196	145		ug/L		74	39 - 108	4	36
Naphthalene	ND		196	118		ug/L		60	35 - 98	5	39
Nitrobenzene	ND		196	129		ug/L		66	37 - 103	2	34
N-Nitrosodi-n-propylamine	ND		196	147		ug/L		75	37 - 106	1	36
N-Nitrosodiphenylamine	ND		196	83.6		ug/L		43	34 - 108	1	42
Pentachlorophenol	ND		392	234		ug/L		60	10 - 118	1	49
Phenanthrene	ND		196	124		ug/L		63	34 - 107	1	34
Phenol	ND		196	118		ug/L		60	35 - 98	2	35
Pyrene	ND		196	129		ug/L		66	36 - 115	3	38

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	82		33 - 122
2-Fluorobiphenyl	66		35 - 108
2-Fluorophenol	47		26 - 100
Nitrobenzene-d5	69		37 - 104
Phenol-d5	66		30 - 102
Terphenyl-d14 (Surr)	63		25 - 130

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: MB 180-118158/1-A**

**Matrix: Water**

**Analysis Batch: 118472**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 118158**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 14:01	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 14:01	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		09/16/14 06:48	09/18/14 14:01	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 14:01	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		09/16/14 06:48	09/18/14 14:01	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		09/16/14 06:48	09/18/14 14:01	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 14:01	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 14:01	1
2-Chlorophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 14:01	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		09/16/14 06:48	09/18/14 14:01	1
2-Methylphenol	ND		10	0.86	ug/L		09/16/14 06:48	09/18/14 14:01	1
2-Nitroaniline	ND		50	3.5	ug/L		09/16/14 06:48	09/18/14 14:01	1
2-Nitrophenol	ND		10	1.7	ug/L		09/16/14 06:48	09/18/14 14:01	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		09/16/14 06:48	09/18/14 14:01	1
3-Nitroaniline	ND		50	3.2	ug/L		09/16/14 06:48	09/18/14 14:01	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		09/16/14 06:48	09/18/14 14:01	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 14:01	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		09/16/14 06:48	09/18/14 14:01	1
4-Chloroaniline	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 14:01	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		09/16/14 06:48	09/18/14 14:01	1
4-Methylphenol	ND		10	0.90	ug/L		09/16/14 06:48	09/18/14 14:01	1
4-Nitroaniline	ND		50	1.7	ug/L		09/16/14 06:48	09/18/14 14:01	1
4-Nitrophenol	ND		50	6.5	ug/L		09/16/14 06:48	09/18/14 14:01	1
Acenaphthene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 14:01	1
Acenaphthylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 14:01	1
Acetophenone	ND		10	0.80	ug/L		09/16/14 06:48	09/18/14 14:01	1
Aniline	ND		10	0.72	ug/L		09/16/14 06:48	09/18/14 14:01	1
Anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 14:01	1
Atrazine	ND		10	0.89	ug/L		09/16/14 06:48	09/18/14 14:01	1
Benzaldehyde	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 14:01	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 14:01	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		09/16/14 06:48	09/18/14 14:01	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 14:01	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		09/16/14 06:48	09/18/14 14:01	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		09/16/14 06:48	09/18/14 14:01	1
Biphenyl	ND		10	0.42	ug/L		09/16/14 06:48	09/18/14 14:01	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 14:01	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		09/16/14 06:48	09/18/14 14:01	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		09/16/14 06:48	09/18/14 14:01	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		09/16/14 06:48	09/18/14 14:01	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		09/16/14 06:48	09/18/14 14:01	1
Caprolactam	ND		50	12	ug/L		09/16/14 06:48	09/18/14 14:01	1
Carbazole	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 14:01	1
Chrysene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 14:01	1
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 14:01	1
Dibenzofuran	ND		10	0.62	ug/L		09/16/14 06:48	09/18/14 14:01	1
Diethyl phthalate	ND		10	1.5	ug/L		09/16/14 06:48	09/18/14 14:01	1
Dimethyl phthalate	ND		10	0.77	ug/L		09/16/14 06:48	09/18/14 14:01	1

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: MB 180-118158/1-A**

**Matrix: Water**

**Analysis Batch: 118472**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 118158**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Di-n-butyl phthalate	ND		10	1.2	ug/L		09/16/14 06:48	09/18/14 14:01	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		09/16/14 06:48	09/18/14 14:01	1
Fluoranthene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 14:01	1
Fluorene	ND		2.0	0.22	ug/L		09/16/14 06:48	09/18/14 14:01	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		09/16/14 06:48	09/18/14 14:01	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		09/16/14 06:48	09/18/14 14:01	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		09/16/14 06:48	09/18/14 14:01	1
Hexachloroethane	ND		10	0.63	ug/L		09/16/14 06:48	09/18/14 14:01	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		09/16/14 06:48	09/18/14 14:01	1
Isophorone	ND		10	0.64	ug/L		09/16/14 06:48	09/18/14 14:01	1
Naphthalene	ND		2.0	0.14	ug/L		09/16/14 06:48	09/18/14 14:01	1
Nitrobenzene	ND		20	0.84	ug/L		09/16/14 06:48	09/18/14 14:01	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		09/16/14 06:48	09/18/14 14:01	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		09/16/14 06:48	09/18/14 14:01	1
Pentachlorophenol	ND		10	0.66	ug/L		09/16/14 06:48	09/18/14 14:01	1
Phenanthrene	ND		2.0	0.43	ug/L		09/16/14 06:48	09/18/14 14:01	1
Phenol	ND		2.0	0.58	ug/L		09/16/14 06:48	09/18/14 14:01	1
Pyrene	ND		2.0	0.16	ug/L		09/16/14 06:48	09/18/14 14:01	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	77		33 - 122	09/16/14 06:48	09/18/14 14:01	1
2-Fluorobiphenyl	67		35 - 108	09/16/14 06:48	09/18/14 14:01	1
2-Fluorophenol	76		26 - 100	09/16/14 06:48	09/18/14 14:01	1
Nitrobenzene-d5	71		37 - 104	09/16/14 06:48	09/18/14 14:01	1
Phenol-d5	68		30 - 102	09/16/14 06:48	09/18/14 14:01	1
Terphenyl-d14 (Surr)	66		25 - 130	09/16/14 06:48	09/18/14 14:01	1

**Lab Sample ID: LCS 180-118158/2-A**

**Matrix: Water**

**Analysis Batch: 118472**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 118158**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
2,4,5-Trichlorophenol	200	140		ug/L		70	31 - 111
2,4,6-Trichlorophenol	200	139		ug/L		70	34 - 110
2,4-Dichlorophenol	200	131		ug/L		66	34 - 106
2,4-Dimethylphenol	200	135		ug/L		68	34 - 98
2,4-Dinitrophenol	400	250		ug/L		63	3 - 125
2,4-Dinitrotoluene	200	139		ug/L		70	41 - 117
2,6-Dinitrotoluene	200	137		ug/L		69	42 - 118
2-Chloronaphthalene	200	119		ug/L		60	37 - 102
2-Chlorophenol	200	131		ug/L		66	34 - 100
2-Methylnaphthalene	200	121		ug/L		60	36 - 101
2-Methylphenol	200	134		ug/L		67	34 - 101
2-Nitroaniline	200	148		ug/L		74	37 - 114
2-Nitrophenol	200	136		ug/L		68	33 - 108
3,3'-Dichlorobenzidine	200	129		ug/L		64	11 - 106
3-Nitroaniline	200	134		ug/L		67	32 - 117
4,6-Dinitro-2-methylphenol	400	277		ug/L		69	24 - 121

TestAmerica Buffalo



# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCS 180-118158/2-A**

**Matrix: Water**

**Analysis Batch: 118472**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 118158**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	200	130		ug/L		65	38 - 108
4-Chloro-3-methylphenol	200	135		ug/L		68	40 - 107
4-Chloroaniline	200	117		ug/L		59	26 - 99
4-Chlorophenyl phenyl ether	200	127		ug/L		63	39 - 107
4-Methylphenol	200	131		ug/L		65	34 - 104
4-Nitroaniline	200	139		ug/L		69	32 - 117
4-Nitrophenol	400	353		ug/L		88	29 - 120
Acenaphthene	200	130		ug/L		65	39 - 106
Acenaphthylene	200	131		ug/L		65	40 - 113
Acetophenone	200	123		ug/L		61	30 - 150
Aniline	200	124		ug/L		62	15 - 97
Anthracene	200	128		ug/L		64	37 - 108
Atrazine	200	125		ug/L		63	30 - 150
Benzaldehyde	200	134		ug/L		67	30 - 150
Benzo(a)anthracene	200	124		ug/L		62	40 - 103
Benzo(a)pyrene	200	124		ug/L		62	37 - 105
Benzo(b)fluoranthene	200	118		ug/L		59	35 - 100
Benzo(g,h,i)perylene	200	130		ug/L		65	31 - 118
Benzo(k)fluoranthene	200	119		ug/L		60	37 - 108
Biphenyl	200	128		ug/L		64	10 - 140
bis (2-chloroisopropyl) ether	200	123		ug/L		62	30 - 100
Bis(2-chloroethoxy)methane	200	123		ug/L		61	36 - 101
Bis(2-chloroethyl)ether	200	124		ug/L		62	34 - 96
Bis(2-ethylhexyl) phthalate	200	145		ug/L		73	35 - 112
Butyl benzyl phthalate	200	139		ug/L		69	34 - 110
Caprolactam	200	137		ug/L		68	10 - 140
Carbazole	200	131		ug/L		65	35 - 113
Chrysene	200	122		ug/L		61	39 - 103
Dibenz(a,h)anthracene	200	134		ug/L		67	32 - 117
Dibenzofuran	200	125		ug/L		63	37 - 107
Diethyl phthalate	200	134		ug/L		67	39 - 112
Dimethyl phthalate	200	133		ug/L		66	40 - 110
Di-n-butyl phthalate	200	139		ug/L		69	36 - 113
Di-n-octyl phthalate	200	141		ug/L		71	27 - 118
Fluoranthene	200	127		ug/L		64	35 - 111
Fluorene	200	131		ug/L		65	39 - 107
Hexachlorobenzene	200	129		ug/L		64	35 - 106
Hexachlorobutadiene	200	133		ug/L		67	30 - 103
Hexachlorocyclopentadiene	200	149		ug/L		75	19 - 116
Hexachloroethane	200	132		ug/L		66	27 - 94
Indeno(1,2,3-cd)pyrene	200	129		ug/L		65	32 - 116
Isophorone	200	131		ug/L		66	39 - 108
Naphthalene	200	126		ug/L		63	35 - 98
Nitrobenzene	200	135		ug/L		67	37 - 103
N-Nitrosodi-n-propylamine	200	127		ug/L		63	37 - 106
N-Nitrosodiphenylamine	200	130		ug/L		65	34 - 108
Pentachlorophenol	400	287		ug/L		72	10 - 118
Phenanthrene	200	125		ug/L		63	34 - 107

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCS 180-118158/2-A**

**Matrix: Water**

**Analysis Batch: 118472**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 118158**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	200	130		ug/L		65	35 - 98
Pyrene	200	117		ug/L		58	36 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	72		33 - 122
2-Fluorobiphenyl	64		35 - 108
2-Fluorophenol	70		26 - 100
Nitrobenzene-d5	67		37 - 104
Phenol-d5	64		30 - 102
Terphenyl-d14 (Surr)	60		25 - 130

**Lab Sample ID: LCSD 180-118158/3-A**

**Matrix: Water**

**Analysis Batch: 118472**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 118158**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	200	144		ug/L		72	31 - 111	2	32
2,4,6-Trichlorophenol	200	146		ug/L		73	34 - 110	5	35
2,4-Dichlorophenol	200	138		ug/L		69	34 - 106	5	33
2,4-Dimethylphenol	200	139		ug/L		70	34 - 98	3	34
2,4-Dinitrophenol	400	267		ug/L		67	3 - 125	7	62
2,4-Dinitrotoluene	200	143		ug/L		72	41 - 117	3	32
2,6-Dinitrotoluene	200	142		ug/L		71	42 - 118	3	33
2-Chloronaphthalene	200	123		ug/L		61	37 - 102	3	34
2-Chlorophenol	200	138		ug/L		69	34 - 100	5	31
2-Methylnaphthalene	200	129		ug/L		65	36 - 101	7	35
2-Methylphenol	200	144		ug/L		72	34 - 101	7	34
2-Nitroaniline	200	155		ug/L		77	37 - 114	4	33
2-Nitrophenol	200	142		ug/L		71	33 - 108	5	41
3,3'-Dichlorobenzidine	200	133		ug/L		67	11 - 106	3	56
3-Nitroaniline	200	141		ug/L		70	32 - 117	5	46
4,6-Dinitro-2-methylphenol	400	289		ug/L		72	24 - 121	4	50
4-Bromophenyl phenyl ether	200	131		ug/L		66	38 - 108	1	40
4-Chloro-3-methylphenol	200	143		ug/L		72	40 - 107	6	32
4-Chloroaniline	200	123		ug/L		62	26 - 99	5	55
4-Chlorophenyl phenyl ether	200	132		ug/L		66	39 - 107	4	34
4-Methylphenol	200	137		ug/L		68	34 - 104	5	34
4-Nitroaniline	200	155		ug/L		78	32 - 117	12	39
4-Nitrophenol	400	371		ug/L		93	29 - 120	5	39
Acenaphthene	200	133		ug/L		67	39 - 106	2	32
Acenaphthylene	200	135		ug/L		67	40 - 113	3	33
Acetophenone	200	129		ug/L		65	30 - 150	5	30
Aniline	200	131		ug/L		66	15 - 97	6	48
Anthracene	200	134		ug/L		67	37 - 108	4	40
Atrazine	200	134		ug/L		67	30 - 150	6	30
Benzaldehyde	200	135		ug/L		67	30 - 150	0	30
Benzo(a)anthracene	200	129		ug/L		65	40 - 103	4	33
Benzo(a)pyrene	200	126		ug/L		63	37 - 105	2	35

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCSD 180-118158/3-A**

**Matrix: Water**

**Analysis Batch: 118472**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 118158**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits	RPD	RPD	Limit
Benzo(b)fluoranthene	200	124		ug/L		62	35 - 100	6	44	
Benzo(g,h,i)perylene	200	133		ug/L		66	31 - 118	2	45	
Benzo(k)fluoranthene	200	124		ug/L		62	37 - 108	4	42	
Biphenyl	200	132		ug/L		66	10 - 140	3	30	
bis (2-chloroisopropyl) ether	200	130		ug/L		65	30 - 100	5	38	
Bis(2-chloroethoxy)methane	200	130		ug/L		65	36 - 101	6	35	
Bis(2-chloroethyl)ether	200	126		ug/L		63	34 - 96	1	34	
Bis(2-ethylhexyl) phthalate	200	153		ug/L		76	35 - 112	5	34	
Butyl benzyl phthalate	200	150		ug/L		75	34 - 110	8	35	
Caprolactam	200	142		ug/L		71	10 - 140	4	30	
Carbazole	200	136		ug/L		68	35 - 113	4	32	
Chrysene	200	128		ug/L		64	39 - 103	5	38	
Dibenz(a,h)anthracene	200	138		ug/L		69	32 - 117	3	43	
Dibenzofuran	200	125		ug/L		62	37 - 107	1	32	
Diethyl phthalate	200	140		ug/L		70	39 - 112	4	32	
Dimethyl phthalate	200	136		ug/L		68	40 - 110	2	33	
Di-n-butyl phthalate	200	147		ug/L		73	36 - 113	6	39	
Di-n-octyl phthalate	200	151		ug/L		76	27 - 118	7	36	
Fluoranthene	200	137		ug/L		68	35 - 111	7	43	
Fluorene	200	138		ug/L		69	39 - 107	5	33	
Hexachlorobenzene	200	134		ug/L		67	35 - 106	4	36	
Hexachlorobutadiene	200	137		ug/L		68	30 - 103	3	41	
Hexachlorocyclopentadiene	200	151		ug/L		76	19 - 116	1	57	
Hexachloroethane	200	139		ug/L		69	27 - 94	5	43	
Indeno(1,2,3-cd)pyrene	200	131		ug/L		66	32 - 116	2	45	
Isophorone	200	138		ug/L		69	39 - 108	5	36	
Naphthalene	200	132		ug/L		66	35 - 98	5	39	
Nitrobenzene	200	141		ug/L		70	37 - 103	4	34	
N-Nitrosodi-n-propylamine	200	132		ug/L		66	37 - 106	4	36	
N-Nitrosodiphenylamine	200	133		ug/L		67	34 - 108	2	42	
Pentachlorophenol	400	299		ug/L		75	10 - 118	4	49	
Phenanthrene	200	130		ug/L		65	34 - 107	3	34	
Phenol	200	137		ug/L		69	35 - 98	5	35	
Pyrene	200	124		ug/L		62	36 - 115	6	38	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	75		33 - 122
2-Fluorobiphenyl	66		35 - 108
2-Fluorophenol	74		26 - 100
Nitrobenzene-d5	71		37 - 104
Phenol-d5	66		30 - 102
Terphenyl-d14 (Surr)	63		25 - 130

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

## Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 480-202059/1-A**  
**Matrix: Water**  
**Analysis Batch: 202245**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 202059**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/12/14 10:52	09/12/14 19:16	1
Antimony	ND		0.020	0.0068	mg/L		09/12/14 10:52	09/12/14 19:16	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/14 10:52	09/12/14 19:16	1
Barium	ND		0.0020	0.00070	mg/L		09/12/14 10:52	09/12/14 19:16	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/14 10:52	09/12/14 19:16	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/14 10:52	09/12/14 19:16	1
Calcium	ND		0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:16	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/14 10:52	09/12/14 19:16	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/14 10:52	09/12/14 19:16	1
Copper	ND		0.010	0.0016	mg/L		09/12/14 10:52	09/12/14 19:16	1
Iron	ND		0.050	0.019	mg/L		09/12/14 10:52	09/12/14 19:16	1
Lead	ND		0.010	0.0030	mg/L		09/12/14 10:52	09/12/14 19:16	1
Magnesium	ND		0.20	0.043	mg/L		09/12/14 10:52	09/12/14 19:16	1
Manganese	ND		0.0030	0.00040	mg/L		09/12/14 10:52	09/12/14 19:16	1
Nickel	ND		0.010	0.0013	mg/L		09/12/14 10:52	09/12/14 19:16	1
Potassium	0.200	J	0.50	0.10	mg/L		09/12/14 10:52	09/12/14 19:16	1
Selenium	ND		0.025	0.0087	mg/L		09/12/14 10:52	09/12/14 19:16	1
Silver	ND		0.0060	0.0017	mg/L		09/12/14 10:52	09/12/14 19:16	1
Sodium	ND		1.0	0.32	mg/L		09/12/14 10:52	09/12/14 19:16	1
Thallium	ND		0.020	0.010	mg/L		09/12/14 10:52	09/12/14 19:16	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/14 10:52	09/12/14 19:16	1
Zinc	ND		0.010	0.0015	mg/L		09/12/14 10:52	09/12/14 19:16	1

**Lab Sample ID: LCS 480-202059/2-A**  
**Matrix: Water**  
**Analysis Batch: 202245**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 202059**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	10.35		mg/L		104	80 - 120
Antimony	0.200	0.198		mg/L		99	80 - 120
Arsenic	0.200	0.197		mg/L		98	80 - 120
Barium	0.200	0.207		mg/L		103	80 - 120
Beryllium	0.200	0.197		mg/L		99	80 - 120
Cadmium	0.200	0.198		mg/L		99	80 - 120
Calcium	10.0	9.75		mg/L		98	80 - 120
Chromium	0.200	0.197		mg/L		99	80 - 120
Cobalt	0.200	0.197		mg/L		98	80 - 120
Copper	0.200	0.201		mg/L		100	80 - 120
Iron	10.0	9.77		mg/L		98	80 - 120
Lead	0.200	0.199		mg/L		100	80 - 120
Magnesium	10.0	10.28		mg/L		103	80 - 120
Manganese	0.200	0.202		mg/L		101	80 - 120
Nickel	0.200	0.189		mg/L		94	80 - 120
Potassium	10.0	9.74		mg/L		97	80 - 120
Selenium	0.200	0.192		mg/L		96	80 - 120
Silver	0.0500	0.0504		mg/L		101	80 - 120
Sodium	10.0	9.84		mg/L		98	80 - 120
Thallium	0.200	0.197		mg/L		99	80 - 120

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

**Lab Sample ID: LCS 480-202059/2-A**  
**Matrix: Water**  
**Analysis Batch: 202245**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 202059**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.200	0.204		mg/L		102	80 - 120
Zinc	0.200	0.202		mg/L		101	80 - 120

**Lab Sample ID: 480-67020-11 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 202245**

**Client Sample ID: BCC Area E RFI-33 MS 0914**  
**Prep Type: Total/NA**  
**Prep Batch: 202059**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.086	J	10.0	10.75		mg/L		107	75 - 125
Antimony	ND		0.200	0.207		mg/L		104	75 - 125
Arsenic	ND		0.200	0.211		mg/L		106	75 - 125
Barium	0.060		0.200	0.261		mg/L		100	75 - 125
Beryllium	ND		0.200	0.204		mg/L		102	75 - 125
Cadmium	0.0011	J	0.200	0.207		mg/L		103	75 - 125
Calcium	116		10.0	127.6	4	mg/L		112	75 - 125
Chromium	0.019		0.200	0.231		mg/L		106	75 - 125
Cobalt	0.0016	J	0.200	0.209		mg/L		104	75 - 125
Copper	0.0037	J	0.200	0.213		mg/L		105	75 - 125
Iron	0.90		10.0	10.72		mg/L		98	75 - 125
Lead	ND		0.200	0.208		mg/L		104	75 - 125
Magnesium	40.2		10.0	50.63	4	mg/L		104	75 - 125
Manganese	0.33		0.200	0.536		mg/L		102	75 - 125
Nickel	0.057		0.200	0.259		mg/L		101	75 - 125
Potassium	1.0	B	10.0	11.35		mg/L		103	75 - 125
Selenium	ND		0.200	0.203		mg/L		102	75 - 125
Silver	ND		0.0500	0.0530		mg/L		106	75 - 125
Sodium	257		10.0	271.2	4	mg/L		144	75 - 125
Thallium	ND		0.200	0.198		mg/L		99	75 - 125
Vanadium	ND		0.200	0.207		mg/L		103	75 - 125
Zinc	0.011		0.200	0.210		mg/L		100	75 - 125

**Lab Sample ID: 480-67020-11 MSD**  
**Matrix: Ground Water**  
**Analysis Batch: 202245**

**Client Sample ID: BCC Area E RFI-33 MSD 0914**  
**Prep Type: Total/NA**  
**Prep Batch: 202059**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.086	J	10.0	10.87		mg/L		108	75 - 125	1	20
Antimony	ND		0.200	0.206		mg/L		103	75 - 125	1	20
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125	1	20
Barium	0.060		0.200	0.264		mg/L		102	75 - 125	1	20
Beryllium	ND		0.200	0.204		mg/L		102	75 - 125	0	20
Cadmium	0.0011	J	0.200	0.209		mg/L		104	75 - 125	1	20
Calcium	116		10.0	127.1	4	mg/L		107	75 - 125	0	20
Chromium	0.019		0.200	0.232		mg/L		106	75 - 125	0	20
Cobalt	0.0016	J	0.200	0.210		mg/L		104	75 - 125	0	20
Copper	0.0037	J	0.200	0.213		mg/L		105	75 - 125	0	20
Iron	0.90		10.0	10.77		mg/L		99	75 - 125	0	20
Lead	ND		0.200	0.209		mg/L		104	75 - 125	1	20
Magnesium	40.2		10.0	50.63	4	mg/L		104	75 - 125	0	20

TestAmerica Buffalo

# QC Sample Results

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

TestAmerica Job ID: 480-67020-1

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

Lab Sample ID: 480-67020-11 MSD  
Matrix: Ground Water  
Analysis Batch: 202245

Client Sample ID: BCC Area E RFI-33 MSD 0914  
Prep Type: Total/NA  
Prep Batch: 202059

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Manganese	0.33		0.200	0.538		mg/L		103	75 - 125	0	20
Nickel	0.057		0.200	0.262		mg/L		103	75 - 125	1	20
Potassium	1.0	B	10.0	11.28		mg/L		103	75 - 125	1	20
Selenium	ND		0.200	0.208		mg/L		104	75 - 125	2	20
Silver	ND		0.0500	0.0532		mg/L		106	75 - 125	0	20
Sodium	257		10.0	271.2	4	mg/L		144	75 - 125	0	20
Thallium	ND		0.200	0.200		mg/L		100	75 - 125	1	20
Vanadium	ND		0.200	0.210		mg/L		105	75 - 125	2	20
Zinc	0.011		0.200	0.213		mg/L		101	75 - 125	1	20

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-202476/1-A  
Matrix: Water  
Analysis Batch: 202756

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 202476

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		09/16/14 07:50	09/16/14 14:09	1

Lab Sample ID: LCS 480-202476/2-A  
Matrix: Water  
Analysis Batch: 202756

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 202476

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Mercury	0.00667	0.00618		mg/L		93	80 - 120

Lab Sample ID: 480-67020-11 MS  
Matrix: Ground Water  
Analysis Batch: 202756

Client Sample ID: BCC Area E RFI-33 MS 0914  
Prep Type: Total/NA  
Prep Batch: 202476

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	ND		0.00667	0.00608		mg/L		91	80 - 120

Lab Sample ID: 480-67020-11 MSD  
Matrix: Ground Water  
Analysis Batch: 202756

Client Sample ID: BCC Area E RFI-33 MSD 0914  
Prep Type: Total/NA  
Prep Batch: 202476

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Mercury	ND		0.00667	0.00612		mg/L		92	80 - 120	1	20

# QC Association Summary

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

TestAmerica Job ID: 480-67020-1

## GC/MS VOA

### Analysis Batch: 202957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-1	BCC Area E MW-E03 0914	Total/NA	Ground Water	8260C	
480-67020-2	BCC Area E MW-E04 0914	Total/NA	Ground Water	8260C	
480-67020-3	BCC Area E MW-E05 0914	Total/NA	Ground Water	8260C	
480-67020-4	BCC Area E MW-E06 0914	Total/NA	Ground Water	8260C	
480-67020-5	BCC Area E MW-E07 0914	Total/NA	Ground Water	8260C	
480-67020-6	BCC Area E R-10 0914	Total/NA	Ground Water	8260C	
480-67020-7	BCC Area E R-11 0914	Total/NA	Ground Water	8260C	
480-67020-8	BCC Area E RFI-17 0914	Total/NA	Ground Water	8260C	
480-67020-9	BCC Area E RFI-29 0914	Total/NA	Ground Water	8260C	
480-67020-11	BCC Area E RFI-33 0914	Total/NA	Ground Water	8260C	
480-67020-12	BCC Area E RFI-51 0914	Total/NA	Ground Water	8260C	
LCS 480-202957/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-202957/7	Method Blank	Total/NA	Water	8260C	

### Analysis Batch: 203051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-10	BCC Area E RFI-32 0914	Total/NA	Ground Water	8260C	
480-67020-11 MS	BCC Area E RFI-33 MS 0914	Total/NA	Ground Water	8260C	
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	Total/NA	Ground Water	8260C	
480-67020-13	BCC Area E RFI-PZ-16 0914	Total/NA	Ground Water	8260C	
480-67020-14	TRIP BLANK	Total/NA	Water	8260C	
480-67020-15	BCC Area E RFI-33 D 0914	Total/NA	Ground Water	8260C	
LCS 480-203051/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-203051/6	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 118061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-1	BCC Area E MW-E03 0914	Total/NA	Ground Water	3520C	
480-67020-2	BCC Area E MW-E04 0914	Total/NA	Ground Water	3520C	
480-67020-6	BCC Area E R-10 0914	Total/NA	Ground Water	3520C	
480-67020-8	BCC Area E RFI-17 0914	Total/NA	Ground Water	3520C	
480-67020-11	BCC Area E RFI-33 0914	Total/NA	Ground Water	3520C	
480-67020-11 MS	BCC Area E RFI-33 MS 0914	Total/NA	Ground Water	3520C	
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	Total/NA	Ground Water	3520C	
480-67020-15	BCC Area E RFI-33 D 0914	Total/NA	Ground Water	3520C	
LCS 180-118061/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 180-118061/1-A	Method Blank	Total/NA	Water	3520C	

### Prep Batch: 118158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-3	BCC Area E MW-E05 0914	Total/NA	Ground Water	3520C	
480-67020-4	BCC Area E MW-E06 0914	Total/NA	Ground Water	3520C	
480-67020-5	BCC Area E MW-E07 0914	Total/NA	Ground Water	3520C	
480-67020-7	BCC Area E R-11 0914	Total/NA	Ground Water	3520C	
480-67020-9	BCC Area E RFI-29 0914	Total/NA	Ground Water	3520C	
480-67020-10	BCC Area E RFI-32 0914	Total/NA	Ground Water	3520C	
480-67020-12	BCC Area E RFI-51 0914	Total/NA	Ground Water	3520C	
480-67020-13	BCC Area E RFI-PZ-16 0914	Total/NA	Ground Water	3520C	

TestAmerica Buffalo

# QC Association Summary

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

TestAmerica Job ID: 480-67020-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 118158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-118158/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 180-118158/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 180-118158/1-A	Method Blank	Total/NA	Water	3520C	

### Analysis Batch: 118316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-1	BCC Area E MW-E03 0914	Total/NA	Ground Water	8270D	118061
480-67020-8	BCC Area E RFI-17 0914	Total/NA	Ground Water	8270D	118061
480-67020-11	BCC Area E RFI-33 0914	Total/NA	Ground Water	8270D	118061
480-67020-11 MS	BCC Area E RFI-33 MS 0914	Total/NA	Ground Water	8270D	118061
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	Total/NA	Ground Water	8270D	118061
480-67020-15	BCC Area E RFI-33 D 0914	Total/NA	Ground Water	8270D	118061
LCS 180-118061/2-A	Lab Control Sample	Total/NA	Water	8270D	118061
MB 180-118061/1-A	Method Blank	Total/NA	Water	8270D	118061

### Analysis Batch: 118469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-2	BCC Area E MW-E04 0914	Total/NA	Ground Water	8270D	118061
480-67020-6	BCC Area E R-10 0914	Total/NA	Ground Water	8270D	118061

### Analysis Batch: 118472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-3	BCC Area E MW-E05 0914	Total/NA	Ground Water	8270D	118158
480-67020-4	BCC Area E MW-E06 0914	Total/NA	Ground Water	8270D	118158
480-67020-5	BCC Area E MW-E07 0914	Total/NA	Ground Water	8270D	118158
480-67020-7	BCC Area E R-11 0914	Total/NA	Ground Water	8270D	118158
480-67020-9	BCC Area E RFI-29 0914	Total/NA	Ground Water	8270D	118158
480-67020-10	BCC Area E RFI-32 0914	Total/NA	Ground Water	8270D	118158
480-67020-12	BCC Area E RFI-51 0914	Total/NA	Ground Water	8270D	118158
480-67020-13	BCC Area E RFI-PZ-16 0914	Total/NA	Ground Water	8270D	118158
LCS 180-118158/2-A	Lab Control Sample	Total/NA	Water	8270D	118158
LCSD 180-118158/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	118158
MB 180-118158/1-A	Method Blank	Total/NA	Water	8270D	118158

## Metals

### Prep Batch: 202059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-1	BCC Area E MW-E03 0914	Total/NA	Ground Water	3005A	
480-67020-2	BCC Area E MW-E04 0914	Total/NA	Ground Water	3005A	
480-67020-3	BCC Area E MW-E05 0914	Total/NA	Ground Water	3005A	
480-67020-4	BCC Area E MW-E06 0914	Total/NA	Ground Water	3005A	
480-67020-5	BCC Area E MW-E07 0914	Total/NA	Ground Water	3005A	
480-67020-6	BCC Area E R-10 0914	Total/NA	Ground Water	3005A	
480-67020-7	BCC Area E R-11 0914	Total/NA	Ground Water	3005A	
480-67020-8	BCC Area E RFI-17 0914	Total/NA	Ground Water	3005A	
480-67020-9	BCC Area E RFI-29 0914	Total/NA	Ground Water	3005A	
480-67020-10	BCC Area E RFI-32 0914	Total/NA	Ground Water	3005A	
480-67020-11	BCC Area E RFI-33 0914	Total/NA	Ground Water	3005A	
480-67020-11 MS	BCC Area E RFI-33 MS 0914	Total/NA	Ground Water	3005A	

TestAmerica Buffalo



# QC Association Summary

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

TestAmerica Job ID: 480-67020-1

## Metals (Continued)

### Prep Batch: 202059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	Total/NA	Ground Water	3005A	
480-67020-12	BCC Area E RFI-51 0914	Total/NA	Ground Water	3005A	
480-67020-13	BCC Area E RFI-PZ-16 0914	Total/NA	Ground Water	3005A	
480-67020-15	BCC Area E RFI-33 D 0914	Total/NA	Ground Water	3005A	
LCS 480-202059/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-202059/1-A	Method Blank	Total/NA	Water	3005A	

### Analysis Batch: 202245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-1	BCC Area E MW-E03 0914	Total/NA	Ground Water	6010C	202059
480-67020-2	BCC Area E MW-E04 0914	Total/NA	Ground Water	6010C	202059
480-67020-3	BCC Area E MW-E05 0914	Total/NA	Ground Water	6010C	202059
480-67020-4	BCC Area E MW-E06 0914	Total/NA	Ground Water	6010C	202059
480-67020-5	BCC Area E MW-E07 0914	Total/NA	Ground Water	6010C	202059
480-67020-6	BCC Area E R-10 0914	Total/NA	Ground Water	6010C	202059
480-67020-7	BCC Area E R-11 0914	Total/NA	Ground Water	6010C	202059
480-67020-8	BCC Area E RFI-17 0914	Total/NA	Ground Water	6010C	202059
480-67020-9	BCC Area E RFI-29 0914	Total/NA	Ground Water	6010C	202059
480-67020-10	BCC Area E RFI-32 0914	Total/NA	Ground Water	6010C	202059
480-67020-11	BCC Area E RFI-33 0914	Total/NA	Ground Water	6010C	202059
480-67020-11 MS	BCC Area E RFI-33 MS 0914	Total/NA	Ground Water	6010C	202059
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	Total/NA	Ground Water	6010C	202059
480-67020-12	BCC Area E RFI-51 0914	Total/NA	Ground Water	6010C	202059
480-67020-13	BCC Area E RFI-PZ-16 0914	Total/NA	Ground Water	6010C	202059
480-67020-15	BCC Area E RFI-33 D 0914	Total/NA	Ground Water	6010C	202059
LCS 480-202059/2-A	Lab Control Sample	Total/NA	Water	6010C	202059
MB 480-202059/1-A	Method Blank	Total/NA	Water	6010C	202059

### Prep Batch: 202476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-1	BCC Area E MW-E03 0914	Total/NA	Ground Water	7470A	
480-67020-2	BCC Area E MW-E04 0914	Total/NA	Ground Water	7470A	
480-67020-3	BCC Area E MW-E05 0914	Total/NA	Ground Water	7470A	
480-67020-4	BCC Area E MW-E06 0914	Total/NA	Ground Water	7470A	
480-67020-5	BCC Area E MW-E07 0914	Total/NA	Ground Water	7470A	
480-67020-6	BCC Area E R-10 0914	Total/NA	Ground Water	7470A	
480-67020-7	BCC Area E R-11 0914	Total/NA	Ground Water	7470A	
480-67020-8	BCC Area E RFI-17 0914	Total/NA	Ground Water	7470A	
480-67020-9	BCC Area E RFI-29 0914	Total/NA	Ground Water	7470A	
480-67020-10	BCC Area E RFI-32 0914	Total/NA	Ground Water	7470A	
480-67020-11	BCC Area E RFI-33 0914	Total/NA	Ground Water	7470A	
480-67020-11 MS	BCC Area E RFI-33 MS 0914	Total/NA	Ground Water	7470A	
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	Total/NA	Ground Water	7470A	
480-67020-12	BCC Area E RFI-51 0914	Total/NA	Ground Water	7470A	
480-67020-13	BCC Area E RFI-PZ-16 0914	Total/NA	Ground Water	7470A	
480-67020-15	BCC Area E RFI-33 D 0914	Total/NA	Ground Water	7470A	
LCS 480-202476/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-202476/1-A	Method Blank	Total/NA	Water	7470A	

# QC Association Summary

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

TestAmerica Job ID: 480-67020-1

## Metals (Continued)

### Analysis Batch: 202756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-67020-1	BCC Area E MW-E03 0914	Total/NA	Ground Water	7470A	202476
480-67020-2	BCC Area E MW-E04 0914	Total/NA	Ground Water	7470A	202476
480-67020-3	BCC Area E MW-E05 0914	Total/NA	Ground Water	7470A	202476
480-67020-4	BCC Area E MW-E06 0914	Total/NA	Ground Water	7470A	202476
480-67020-5	BCC Area E MW-E07 0914	Total/NA	Ground Water	7470A	202476
480-67020-6	BCC Area E R-10 0914	Total/NA	Ground Water	7470A	202476
480-67020-7	BCC Area E R-11 0914	Total/NA	Ground Water	7470A	202476
480-67020-8	BCC Area E RFI-17 0914	Total/NA	Ground Water	7470A	202476
480-67020-9	BCC Area E RFI-29 0914	Total/NA	Ground Water	7470A	202476
480-67020-10	BCC Area E RFI-32 0914	Total/NA	Ground Water	7470A	202476
480-67020-11	BCC Area E RFI-33 0914	Total/NA	Ground Water	7470A	202476
480-67020-11 MS	BCC Area E RFI-33 MS 0914	Total/NA	Ground Water	7470A	202476
480-67020-11 MSD	BCC Area E RFI-33 MSD 0914	Total/NA	Ground Water	7470A	202476
480-67020-12	BCC Area E RFI-51 0914	Total/NA	Ground Water	7470A	202476
480-67020-13	BCC Area E RFI-PZ-16 0914	Total/NA	Ground Water	7470A	202476
480-67020-15	BCC Area E RFI-33 D 0914	Total/NA	Ground Water	7470A	202476
LCS 480-202476/2-A	Lab Control Sample	Total/NA	Water	7470A	202476
MB 480-202476/1-A	Method Blank	Total/NA	Water	7470A	202476

# Lab Chronicle

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

TestAmerica Job ID: 480-67020-1

## Client Sample ID: BCC Area E MW-E03 0914

Date Collected: 09/09/14 10:15

Date Received: 09/10/14 15:45

## Lab Sample ID: 480-67020-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 01:11	CXM	TAL BUF
Total/NA	Prep	3520C			118061	09/15/14 09:35	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118316	09/17/14 14:01	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:21	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:15	LRK	TAL BUF

## Client Sample ID: BCC Area E MW-E04 0914

Date Collected: 09/08/14 15:30

Date Received: 09/10/14 15:45

## Lab Sample ID: 480-67020-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 01:34	CXM	TAL BUF
Total/NA	Prep	3520C			118061	09/15/14 09:35	BJT	TAL PIT
Total/NA	Analysis	8270D		2	118469	09/18/14 17:38	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:24	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:16	LRK	TAL BUF

## Client Sample ID: BCC Area E MW-E05 0914

Date Collected: 09/09/14 14:00

Date Received: 09/10/14 15:45

## Lab Sample ID: 480-67020-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 01:59	CXM	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 17:05	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:27	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:18	LRK	TAL BUF

## Client Sample ID: BCC Area E MW-E06 0914

Date Collected: 09/09/14 14:50

Date Received: 09/10/14 15:45

## Lab Sample ID: 480-67020-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 02:22	CXM	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 17:31	VVP	TAL PIT

TestAmerica Buffalo

# Lab Chronicle

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E MW-E06 0914**

**Lab Sample ID: 480-67020-4**

Date Collected: 09/09/14 14:50

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:38	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:20	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E07 0914**

**Lab Sample ID: 480-67020-5**

Date Collected: 09/10/14 09:15

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 02:46	CXM	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 17:58	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:41	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:21	LRK	TAL BUF

**Client Sample ID: BCC Area E R-10 0914**

**Lab Sample ID: 480-67020-6**

Date Collected: 09/08/14 14:30

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 03:11	CXM	TAL BUF
Total/NA	Prep	3520C			118061	09/15/14 09:35	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118469	09/18/14 18:06	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:44	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:23	LRK	TAL BUF

**Client Sample ID: BCC Area E R-11 0914**

**Lab Sample ID: 480-67020-7**

Date Collected: 09/09/14 12:00

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 03:34	CXM	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 18:24	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:47	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:25	LRK	TAL BUF

TestAmerica Buffalo

# Lab Chronicle

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-17 0914**

**Lab Sample ID: 480-67020-8**

Date Collected: 09/08/14 13:45

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 03:59	CXM	TAL BUF
Total/NA	Prep	3520C			118061	09/15/14 09:35	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118316	09/17/14 15:25	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:50	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:30	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-29 0914**

**Lab Sample ID: 480-67020-9**

Date Collected: 09/09/14 13:10

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 04:23	CXM	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 18:50	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:52	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:31	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-32 0914**

**Lab Sample ID: 480-67020-10**

Date Collected: 09/09/14 09:30

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		40	203051	09/18/14 18:22	GTG	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 19:16	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 19:55	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:33	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-33 0914**

**Lab Sample ID: 480-67020-11**

Date Collected: 09/08/14 12:00

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 05:11	CXM	TAL BUF
Total/NA	Prep	3520C			118061	09/15/14 09:36	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118316	09/17/14 15:53	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF

TestAmerica Buffalo

# Lab Chronicle

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

TestAmerica Job ID: 480-67020-1

## Client Sample ID: BCC Area E RFI-33 0914

Lab Sample ID: 480-67020-11

Date Collected: 09/08/14 12:00

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	202245	09/12/14 19:58	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:35	LRK	TAL BUF

## Client Sample ID: BCC Area E RFI-51 0914

Lab Sample ID: 480-67020-12

Date Collected: 09/10/14 09:50

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202957	09/18/14 05:35	CXM	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 19:43	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 20:21	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:41	LRK	TAL BUF

## Client Sample ID: BCC Area E RFI-PZ-16 0914

Lab Sample ID: 480-67020-13

Date Collected: 09/10/14 11:15

Matrix: Ground Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	203051	09/18/14 18:45	GTG	TAL BUF
Total/NA	Prep	3520C			118158	09/16/14 06:48	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118472	09/18/14 20:09	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 20:24	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:43	LRK	TAL BUF

## Client Sample ID: TRIP BLANK

Lab Sample ID: 480-67020-14

Date Collected: 09/09/14 00:00

Matrix: Water

Date Received: 09/10/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	203051	09/18/14 19:07	GTG	TAL BUF

# Lab Chronicle

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

TestAmerica Job ID: 480-67020-1

**Client Sample ID: BCC Area E RFI-33 D 0914**

**Lab Sample ID: 480-67020-15**

**Date Collected: 09/08/14 12:15**

**Matrix: Ground Water**

**Date Received: 09/10/14 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	203051	09/18/14 19:30	GTG	TAL BUF
Total/NA	Prep	3520C			118061	09/15/14 09:37	BJT	TAL PIT
Total/NA	Analysis	8270D		1	118316	09/17/14 17:19	VVP	TAL PIT
Total/NA	Prep	3005A			202059	09/12/14 10:52	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202245	09/12/14 20:26	MTM2	TAL BUF
Total/NA	Prep	7470A			202476	09/16/14 07:50	SLB	TAL BUF
Total/NA	Analysis	7470A		1	202756	09/16/14 14:44	LRK	TAL BUF

**Laboratory References:**

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

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

# Certification Summary

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

TestAmerica Job ID: 480-67020-1

## 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	03-31-15

## Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-15
Connecticut	State Program	1	PH-0688	09-30-14 *
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15
North Carolina (WW/SW)	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-15
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-15

\* Certification renewal pending - certification considered valid.



# Method Summary

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

TestAmerica Job ID: 480-67020-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
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 PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



# Sample Summary

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

TestAmerica Job ID: 480-67020-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-67020-1	BCC Area E MW-E03 0914	Ground Water	09/09/14 10:15	09/10/14 15:45
480-67020-2	BCC Area E MW-E04 0914	Ground Water	09/08/14 15:30	09/10/14 15:45
480-67020-3	BCC Area E MW-E05 0914	Ground Water	09/09/14 14:00	09/10/14 15:45
480-67020-4	BCC Area E MW-E06 0914	Ground Water	09/09/14 14:50	09/10/14 15:45
480-67020-5	BCC Area E MW-E07 0914	Ground Water	09/10/14 09:15	09/10/14 15:45
480-67020-6	BCC Area E R-10 0914	Ground Water	09/08/14 14:30	09/10/14 15:45
480-67020-7	BCC Area E R-11 0914	Ground Water	09/09/14 12:00	09/10/14 15:45
480-67020-8	BCC Area E RFI-17 0914	Ground Water	09/08/14 13:45	09/10/14 15:45
480-67020-9	BCC Area E RFI-29 0914	Ground Water	09/09/14 13:10	09/10/14 15:45
480-67020-10	BCC Area E RFI-32 0914	Ground Water	09/09/14 09:30	09/10/14 15:45
480-67020-11	BCC Area E RFI-33 0914	Ground Water	09/08/14 12:00	09/10/14 15:45
480-67020-12	BCC Area E RFI-51 0914	Ground Water	09/10/14 09:50	09/10/14 15:45
480-67020-13	BCC Area E RFI-PZ-16 0914	Ground Water	09/10/14 11:15	09/10/14 15:45
480-67020-14	TRIP BLANK	Water	09/09/14 00:00	09/10/14 15:45
480-67020-15	BCC Area E RFI-33 D 0914	Ground Water	09/08/14 12:15	09/10/14 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.

Project Manager: Schore, John Toll/Fax: (716) 912-9926 Analysis Turnaround Time <input checked="" type="checkbox"/> Calendar (C) or Work Days (W) <input type="checkbox"/> W <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Date: 9-10-14 Carrier: OSC Job No. 0913-OMM SDG No.			
Client Identification Ontario Specialty Contracting Inc. 333 Ganson Street Buffalo, NY, 14203 Phone 716-856-3333 FAX 716-842-1630 Project Name: Buffalo Color Area E Wells Site: HoneyWell Buffalo Color - C915232 EIM SITE ID - 37745 PO# 52954		Site Contact: Tom Wagner Lab Contact: Schore, John 826B - TFC 4.2 KM (TFC VOC) 6010B - 170A (TAL Metals) 8710C - (MOD) TFC SYOA - 4.2 HM + aniline			
Sample Identification BCC_Area E_R-10_0914 BCC_Area E_R-11_0914 BCC_Area E_RFI-17_0914 BCC_Area E_RFI-20_0914 BCC_Area E_RFI-32_0914 BCC_Area E_RFI-33_0914 BCC_Area E_RFI-51_0914 BCC_Area E_RFI-PZ-16_0914 BCC_Area E_MW-E03_0914 BCC_Area E_MW-E04_0914 BCC_Area E_MW-E05_0914 BCC_Area E_MW-E06_0914 BCC_Area E_MW-E07_0914 BCC_Area E_RFI-33_D_0914 BCC_Area E_RFI-33_MS_0914 BCC_Area E_RFI-33_MSD_0914 Trip Blank		Sample Specific Notes 480-67020 Chain of Custody			
Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Container Volume (ml)
9/8/14	1430	G	W	6	1000
9/9/14	1200	G	W	6	1000
9/8/14	1345	G	W	6	1000
9/9/14	1310	G	W	6	1000
9/9/14	0930	G	W	6	1000
9/8/14	1200	G	W	6	1000
9/9/14	0950	G	W	6	1000
9/9/14	1115	G	W	6	1000
9/9/14	1015	G	W	6	1000
9/8/14	1530	G	W	6	1000
9/9/14	1400	G	W	6	1000
9/9/14	1450	G	W	6	1000
9/10/14	0915	G	W	6	1000
9/8/14	1215	G	W	6	1000
9/8/14	1230	G	W	6	1000
9/8/14	1245	G	W	6	1000
	N/A	N/A	W	2	1000

Non-Hazardous  
 Flammable  
 Skin Irritant  
 Poison B  
 I  
 C  
 D  
 E  
 F  
 G  
 H  
 I  
 J  
 K  
 L  
 M  
 N  
 O  
 P  
 Q  
 R  
 S  
 T  
 U  
 V  
 W  
 X  
 Y  
 Z  
 AA  
 AB  
 AC  
 AD  
 AE  
 AF  
 AG  
 AH  
 AI  
 AJ  
 AK  
 AL  
 AM  
 AN  
 AO  
 AP  
 AQ  
 AR  
 AS  
 AT  
 AU  
 AV  
 AW  
 AX  
 AY  
 AZ  
 BA  
 BB  
 BC  
 BD  
 BE  
 BF  
 BG  
 BH  
 BI  
 BJ  
 BK  
 BL  
 BM  
 BN  
 BO  
 BP  
 BQ  
 BR  
 BS  
 BT  
 BU  
 BV  
 BW  
 BX  
 BY  
 BZ  
 CA  
 CB  
 CC  
 CD  
 CE  
 CF  
 CG  
 CH  
 CI  
 CJ  
 CK  
 CL  
 CM  
 CN  
 CO  
 CP  
 CQ  
 CR  
 CS  
 CT  
 CU  
 CV  
 CW  
 CX  
 CY  
 CZ  
 DA  
 DB  
 DC  
 DD  
 DE  
 DF  
 DG  
 DH  
 DI  
 DJ  
 DK  
 DL  
 DM  
 DN  
 DO  
 DP  
 DQ  
 DR  
 DS  
 DT  
 DU  
 DV  
 DW  
 DX  
 DY  
 DZ  
 EA  
 EB  
 EC  
 ED  
 EE  
 EF  
 EG  
 EH  
 EI  
 EJ  
 EK  
 EL  
 EM  
 EN  
 EO  
 EP  
 EQ  
 ER  
 ES  
 ET  
 EU  
 EV  
 EW  
 EX  
 EY  
 EZ  
 FA  
 FB  
 FC  
 FD  
 FE  
 FF  
 FG  
 FH  
 FI  
 FJ  
 FK  
 FL  
 FM  
 FN  
 FO  
 FP  
 FQ  
 FR  
 FS  
 FT  
 FU  
 FV  
 FW  
 FX  
 FY  
 FZ  
 GA  
 GB  
 GC  
 GD  
 GE  
 GF  
 GG  
 GH  
 GI  
 GJ  
 GK  
 GL  
 GM  
 GN  
 GO  
 GP  
 GQ  
 GR  
 GS  
 GT  
 GU  
 GV  
 GW  
 GX  
 GY  
 GZ  
 HA  
 HB  
 HC  
 HD  
 HE  
 HF  
 HG  
 HH  
 HI  
 HJ  
 HK  
 HL  
 HM  
 HN  
 HO  
 HP  
 HQ  
 HR  
 HS  
 HT  
 HU  
 HV  
 HW  
 HX  
 HY  
 HZ  
 IA  
 IB  
 IC  
 ID  
 IE  
 IF  
 IG  
 IH  
 II  
 IJ  
 IK  
 IL  
 IM  
 IN  
 IO  
 IP  
 IQ  
 IR  
 IS  
 IT  
 IU  
 IV  
 IW  
 IX  
 IY  
 IZ  
 JA  
 JB  
 JC  
 JD  
 JE  
 JF  
 JG  
 JH  
 JI  
 JJ  
 JK  
 JL  
 JM  
 JN  
 JO  
 JP  
 JQ  
 JR  
 JS  
 JT  
 JU  
 JV  
 JW  
 JX  
 JY  
 JZ  
 KA  
 KB  
 KC  
 KD  
 KE  
 KF  
 KG  
 KH  
 KI  
 KJ  
 KK  
 KL  
 KM  
 KN  
 KO  
 KP  
 KQ  
 KR  
 KS  
 KT  
 KU  
 KV  
 KW  
 KX  
 KY  
 KZ  
 LA  
 LB  
 LC  
 LD  
 LE  
 LF  
 LG  
 LH  
 LI  
 LJ  
 LK  
 LL  
 LM  
 LN  
 LO  
 LP  
 LQ  
 LR  
 LS  
 LT  
 LU  
 LV  
 LW  
 LX  
 LY  
 LZ  
 MA  
 MB  
 MC  
 MD  
 ME  
 MF  
 MG  
 MH  
 MI  
 MJ  
 MK  
 ML  
 MM  
 MN  
 MO  
 MP  
 MQ  
 MR  
 MS  
 MT  
 MU  
 MV  
 MW  
 MX  
 MY  
 MZ  
 NA  
 NB  
 NC  
 ND  
 NE  
 NF  
 NG  
 NH  
 NI  
 NJ  
 NK  
 NL  
 NM  
 NN  
 NO  
 NP  
 NQ  
 NR  
 NS  
 NT  
 NU  
 NV  
 NW  
 NX  
 NY  
 NZ  
 OA  
 OB  
 OC  
 OD  
 OE  
 OF  
 OG  
 OH  
 OI  
 OJ  
 OK  
 OL  
 OM  
 ON  
 OO  
 OP  
 OQ  
 OR  
 OS  
 OT  
 OU  
 OV  
 OW  
 OX  
 OY  
 OZ  
 PA  
 PB  
 PC  
 PD  
 PE  
 PF  
 PG  
 PH  
 PI  
 PJ  
 PK  
 PL  
 PM  
 PN  
 PO  
 PP  
 PQ  
 PR  
 PS  
 PT  
 PU  
 PV  
 PW  
 PX  
 PY  
 PZ  
 QA  
 QB  
 QC  
 QD  
 QE  
 QF  
 QG  
 QH  
 QI  
 QJ  
 QK  
 QL  
 QM  
 QN  
 QO  
 QP  
 QQ  
 QR  
 QS  
 QT  
 QU  
 QV  
 QW  
 QX  
 QY  
 QZ  
 RA  
 RB  
 RC  
 RD  
 RE  
 RF  
 RG  
 RH  
 RI  
 RJ  
 RK  
 RL  
 RM  
 RN  
 RO  
 RP  
 RQ  
 RR  
 RS  
 RT  
 RU  
 RV  
 RW  
 RX  
 RY  
 RZ  
 SA  
 SB  
 SC  
 SD  
 SE  
 SF  
 SG  
 SH  
 SI  
 SJ  
 SK  
 SL  
 SM  
 SN  
 SO  
 SP  
 SQ  
 SR  
 SS  
 ST  
 SU  
 SV  
 SW  
 SX  
 SY  
 SZ  
 TA  
 TB  
 TC  
 TD  
 TE  
 TF  
 TG  
 TH  
 TI  
 TJ  
 TK  
 TL  
 TM  
 TN  
 TO  
 TP  
 TQ  
 TR  
 TS  
 TT  
 TU  
 TV  
 TW  
 TX  
 TY  
 TZ  
 UA  
 UB  
 UC  
 UD  
 UE  
 UF  
 UG  
 UH  
 UI  
 UJ  
 UK  
 UL  
 UM  
 UN  
 UO  
 UP  
 UQ  
 UR  
 US  
 UT  
 UY  
 UZ  
 VA  
 VB  
 VC  
 VD  
 VE  
 VF  
 VG  
 VH  
 VI  
 VJ  
 VK  
 VL  
 VM  
 VN  
 VO  
 VP  
 VQ  
 VR  
 VS  
 VT  
 VU  
 VV  
 VW  
 VX  
 VY  
 VZ  
 WA  
 WB  
 WC  
 WD  
 WE  
 WF  
 WG  
 WH  
 WI  
 WJ  
 WK  
 WL  
 WM  
 WN  
 WO  
 WP  
 WQ  
 WR  
 WS  
 WT  
 WY  
 WZ  
 XA  
 XB  
 XC  
 XD  
 XE  
 XF  
 XG  
 XH  
 XI  
 XJ  
 XK  
 XL  
 XM  
 XN  
 XO  
 XP  
 XQ  
 XR  
 XS  
 XT  
 XU  
 XV  
 XW  
 XX  
 XY  
 XZ  
 YA  
 YB  
 YC  
 YD  
 YE  
 YF  
 YG  
 YH  
 YI  
 YJ  
 YK  
 YL  
 YM  
 YN  
 YO  
 YP  
 YQ  
 YR  
 YS  
 YT  
 YU  
 YV  
 YW  
 YX  
 YZ  
 ZA  
 ZB  
 ZC  
 ZD  
 ZE  
 ZF  
 ZG  
 ZH  
 ZI  
 ZJ  
 ZK  
 ZL  
 ZM  
 ZN  
 ZO  
 ZP  
 ZQ  
 ZR  
 ZS  
 ZT  
 ZU  
 ZV  
 ZW  
 ZX  
 ZY  
 ZZ

Received by: *John Wagner* Date: 9/10/14  
 Reported by: *John Wagner* Date: 9/10/14  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: OSC  
 Company: OSC  
 Company: OSC

#1

2.5, 2.8, 3.0, 3.3

**Chain of Custody Record**



6/18/14  
 200

<b>Client Information (Sub Contract Lab)</b>		Lab P/N: Schove, John R		Carrier Tracking No(s):					
Client Contact: Shipping/Receiving		E-Mail: john.schove@testamericainc.com		COC No: 480-19317.1					
Company: TestAmerica Laboratories, Inc.		Due Date Requested: 9/22/2014		Page: Page 1 of 2					
Address: 301 Alpha Drive, RIDC Park, Pittsburgh, PA, 15238		TAT Requested (days):		Job #: 480-67020-1					
Phone: 412-963-7058(Tel) 412-963-2468(Fax)		PO #:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 L - EDA Other:					
Project Name: OSC - Former Buffalo Color Sites - 37745		WO #:		Total Number of Containers: <input checked="" type="checkbox"/>					
Site: Honeywell - Buffalo Sites		Project #: 48003159		Special Instructions/Note:					
		SSOW#:							
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=water/air)	Field Filtered Sample (Yes or No)	Performance (Yes or No)	8720D/3520C LVI TCL SVCA - 4.2 list + aniline	Analysis Requested	Special Instructions/Note
BCC Area E MW-E03 0914 (480-67020-1)	9/9/14	10:15 Eastern	Water	Water	X	X	X		
BCC Area E MW-E04 0914 (480-67020-2)	9/8/14	15:30 Eastern	Water	Water	X	X	X		
BCC Area E MW-E05 0914 (480-67020-3)	9/9/14	14:00 Eastern	Water	Water	X	X	X		
BCC Area E MW-E06 0914 (480-67020-4)	9/9/14	14:50 Eastern	Water	Water	X	X	X		
BCC Area E MW-E07 0914 (480-67020-5)	9/10/14	09:15 Eastern	Water	Water	X	X	X		
BCC Area E R-10 0914 (480-67020-6)	9/8/14	14:30 Eastern	Water	Water	X	X	X		
BCC Area E R-11 0914 (480-67020-7)	9/9/14	12:00 Eastern	Water	Water	X	X	X		
BCC Area E RFI-17 0914 (480-67020-8)	9/8/14	13:45 Eastern	Water	Water	X	X	X		
BCC Area E RFI-29 0914 (480-67020-9)	9/9/14	13:10 Eastern	Water	Water	X	X	X		
BCC Area E RFI-32 0914 (480-67020-10)	9/9/14	09:30 Eastern	Water	Water	X	X	X		
BCC Area E RFI-33 0914 (480-67020-11)	9/8/14	12:00 Eastern	Water	Water	X	X	X		
<b>Possible Hazard Identification</b>									
Unconfirmed									
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:									
Relinquished by: Cameron Wallace									
Relinquished by:									
Relinquished by:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Custody Seal No.:									
Cooler Temperature(s) °C and Other Remarks:									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Special Instructions/QC Requirements:									
Method of Shipment:									
Date:									
Date/Time: 9-11-14 1700									
Date/Time: 9/22/14 0900									
Company: TAB Company									
Company: TAP Company									
Company: Company									



**TestAmerica Buffalo**  
 10 Hazelwood Drive  
 Amherst, NY 14228-2298  
 Phone (716) 691-2600 Fax (716) 691-7991

**Chain of Custody Record**



**Client Information (Sub Contract Lab)**  
 Lab PM: Schove, John R  
 Phone: john.schove@testamericainc.com  
 E-Mail: john.schove@testamericainc.com  
 Carrier Tracking No(s):  
 COC No: 480-19317.2  
 Page: Page 2 of 2  
 Job #: 480-67020-1

**Analysis Requested**  
 Preservation Codes:  
 A - HCl  
 B - NaOH  
 C - Zn Acetate  
 D - Nitric Acid  
 E - NaHSO4  
 F - MeOH  
 G - Amchlor  
 H - Ascorbic Acid  
 I - Ice  
 J - DI Water  
 K - EDTA  
 L - EDA  
 Other:  
 M - Hexane  
 N - None  
 O - AsksO2  
 P - Na2O4S  
 Q - Na2SO3  
 R - Na2S2SO3  
 S - H2SO4  
 T - TSP Dodecylhydrate  
 U - Acetone  
 V - MCAA  
 W - ph 4.5  
 Z - other (specify)

Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=soil, O=waste/oil, B=biomass, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D/8520C_LVI TCL SVOA - 4.2 list + aniline	Total Number of Containers	Special Instructions/Note:
9/8/14	12:00 Eastern	MS	Water	X	X	X	2	
9/8/14	12:00 Eastern	MSD	Water	X	X	X	2	
9/10/14	09:50 Eastern		Water	X	X	X	2	
9/10/14	11:15 Eastern		Water	X	X	X	2	
9/8/14	12:15 Eastern		Water	X	X	X	2	

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested: I, II, III, IV, Other (specify)

**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**  
 Return To Client  
 Disposal By Lab  
 Archive For \_\_\_\_\_ Months  
 Special Instructions/QC Requirements:

**Empty Kit Relinquished by:** \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: *Carmeron Wallace* Date: 9-11-14 Time: 1700  
 Relinquished by: *John Schove* Date: 9-22-14 Time: 0700  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Custody Seals Intact:** \_\_\_\_\_  
 A Yes Δ No  
 Cooler Temperature(s) °C and Other Remarks:



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-67020-1

**Login Number: 67020**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Stau, Brandon 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.	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	



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-67020-1

**Login Number: 67020**

**List Number: 2**

**Creator: Addison, Craig**

**List Source: TestAmerica Pittsburgh**

**List Creation: 09/12/14 01:29 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received and the COC.	True	
Samples are received within Holding Time.	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine 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: 480-71259-1

Client Project/Site: Buffalo Color Area E Wells

Sampling Event: Buffalo Color Area E Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

12/1/2014 11:34:34 AM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15





# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	6
Client Sample Results . . . . .	12
Surrogate Summary . . . . .	70
QC Sample Results . . . . .	72
QC Association Summary . . . . .	90
Lab Chronicle . . . . .	94
Certification Summary . . . . .	99
Method Summary . . . . .	100
Sample Summary . . . . .	101
Chain of Custody . . . . .	102
Receipt Checklists . . . . .	103

# Definitions/Glossary

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

TestAmerica Job ID: 480-71259-1

## Qualifiers

### GC/MS VOA

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

### GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
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
*	ISTD response or retention time outside acceptable limits
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
E	Result exceeded calibration range.

### Metals

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

## Glossary

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

# Case Narrative

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

TestAmerica Job ID: 480-71259-1

**Job ID: 480-71259-1**

**Laboratory: TestAmerica Buffalo**

## Narrative

**Job Narrative  
480-71259-1**

### Comments

No additional comments.

### Receipt

The samples were received on 11/12/2014 6:49 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 2.3° C, 2.4° C, 2.7° C and 2.8° C.

### GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: (480-71259-5 MS), (480-71259-5 MSD), BCC Area E RFI-32\_1114 (480-71259-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The sample purged before the end of 12 hour clock, thus the data is reported BCC Area E R-11 MSD\_1114 (480-71259-2 MSD)

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 laboratory control sample (LCS) for batch 214073 recovered outside control limits for the following analytes: 3-Nitroaniline and Benzaldehyde. These analytes have been identified as a poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The associated sample was spiked twice with Internal Standard mix, thus flagging Chrysene-d12 as outside of control limits, high. The worklist has been changed to reflect the error. Although it is still being flagged as outside of control limits, the sample is correctly quantifying the target analytes associated with Chrysene-d12. BCC Area E RFI-17\_1114 (480-71259-3)

Method(s) 8270D: Internal standard responses were outside of acceptance limits for Perylene-d12, low, for the following samples: BCC Area E MW-E07\_1114 (480-71259-13), BCC Area E R11 D\_1114 (480-71259-14), BCC Area E RFI-PZ-16\_1114 (480-71259-8). The samples show evidence of matrix interference. The samples are non-detect for target analytes associated with the internal standard and have been qualified and reported.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: BCC Area E R-11 MS\_1114 (480-71259-2 MS), BCC Area E R-11\_1114 (480-71259-2), BCC Area E RFI-32\_1114 (480-71259-5). These results have been reported and qualified.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area E R-11 MSD\_1114 (480-71259-2 MSD). These results have been reported and qualified.

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E MW-E04\_1114 (480-71259-10). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample required a dilution due to the nature of the sample matrix: BCC Area E MW-E04\_1114 (480-71259-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

### Metals

Method(s) 6010C: The continuing calibration blank (CCB) for analytical batch 480-214763 contained Total Iron above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

# Case Narrative

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

TestAmerica Job ID: 480-71259-1

---

## Job ID: 480-71259-1 (Continued)

---

### Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010C: The continuing calibration verification (CCV) associated with batch 480-214763 recovered above the upper control limit for Total Copper. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area E R11 D\_1114 (480-71259-14).

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.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

## Detection Summary

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

TestAmerica Job ID: 480-71259-1

### Client Sample ID: BCC Area E R-10\_1114

### Lab Sample ID: 480-71259-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.3		1.0	0.16	ug/L	1		8260C	Total/NA
Benzaldehyde	1.2	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.4	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Barium	0.20		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	102		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	5.5		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0040	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	52.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.051		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.8	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	162		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.014	B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E R-11\_1114

### Lab Sample ID: 480-71259-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.6	J	10	3.0	ug/L	1		8260C	Total/NA
Benzaldehyde	1.1	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.8	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	67.6		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0017	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	22.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.040		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.3	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	25.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	1.0	B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-17\_1114

### Lab Sample ID: 480-71259-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.75	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.4	J B *	5.0	1.8	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.53	J *	5.0	0.42	ug/L	1		8270D	Total/NA
Barium	0.039		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	206		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0028	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0030	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.033	J	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0034	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	36.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0027	J	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0054	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.9	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.014	B	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-29\_1114**

**Lab Sample ID: 480-71259-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.9		1.0	0.79	ug/L			1	8260C	Total/NA
1,4-Dichlorobenzene	2.8		1.0	0.84	ug/L			1	8260C	Total/NA
Chlorobenzene	9.8		1.0	0.75	ug/L			1	8260C	Total/NA
Bis(2-ethylhexyl) phthalate	2.4	J B	5.0	1.8	ug/L			1	8270D	Total/NA
Butyl benzyl phthalate	0.46	J	5.0	0.42	ug/L			1	8270D	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L			1	6010C	Total/NA
Barium	0.11		0.0020	0.00070	mg/L			1	6010C	Total/NA
Calcium	49.4		0.50	0.10	mg/L			1	6010C	Total/NA
Copper	0.0017	J	0.010	0.0016	mg/L			1	6010C	Total/NA
Iron	0.037	J	0.050	0.019	mg/L			1	6010C	Total/NA
Lead	0.0033	J	0.010	0.0030	mg/L			1	6010C	Total/NA
Magnesium	8.6		0.20	0.043	mg/L			1	6010C	Total/NA
Manganese	0.048		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	3.7	B	0.50	0.10	mg/L			1	6010C	Total/NA
Sodium	172		1.0	0.32	mg/L			1	6010C	Total/NA
Zinc	0.013	B	0.010	0.0015	mg/L			1	6010C	Total/NA

**Client Sample ID: BCC Area E RFI-32\_1114**

**Lab Sample ID: 480-71259-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chlorobenzene	1200		20	15	ug/L			20	8260C	Total/NA
2,4-Dichlorophenol	1.6	J	5.0	0.51	ug/L			1	8270D	Total/NA
2-Chlorophenol	34		5.0	0.53	ug/L			1	8270D	Total/NA
Benzaldehyde	1.4	J B *	5.0	0.27	ug/L			1	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.3	J B	5.0	1.8	ug/L			1	8270D	Total/NA
Aluminum	0.082	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	0.0073		0.0020	0.00070	mg/L			1	6010C	Total/NA
Cadmium	0.00096	J	0.0020	0.00050	mg/L			1	6010C	Total/NA
Calcium	356		0.50	0.10	mg/L			1	6010C	Total/NA
Cobalt	0.0071		0.0040	0.00063	mg/L			1	6010C	Total/NA
Copper	0.0024	J	0.010	0.0016	mg/L			1	6010C	Total/NA
Iron	6.5		0.050	0.019	mg/L			1	6010C	Total/NA
Lead	0.0060	J	0.010	0.0030	mg/L			1	6010C	Total/NA
Magnesium	144		0.20	0.043	mg/L			1	6010C	Total/NA
Manganese	1.6		0.0030	0.00040	mg/L			1	6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L			1	6010C	Total/NA
Potassium	4.8	B	0.50	0.10	mg/L			1	6010C	Total/NA
Sodium	95.0		1.0	0.32	mg/L			1	6010C	Total/NA
Zinc	0.018	B	0.010	0.0015	mg/L			1	6010C	Total/NA

**Client Sample ID: BCC Area E RFI-33\_1114**

**Lab Sample ID: 480-71259-6**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzaldehyde	1.2	J B *	5.0	0.27	ug/L			1	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.5	J B	5.0	1.8	ug/L			1	8270D	Total/NA
Aluminum	0.23		0.20	0.060	mg/L			1	6010C	Total/NA
Barium	0.038		0.0020	0.00070	mg/L			1	6010C	Total/NA
Cadmium	0.0019	J	0.0020	0.00050	mg/L			1	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-71259-1

### Client Sample ID: BCC Area E RFI-33\_1114 (Continued)

Lab Sample ID: 480-71259-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	71.3		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.22		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0024	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0075	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	0.0041	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	23.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.38		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.0	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	164		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.037	B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-51\_1114

Lab Sample ID: 480-71259-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	2.8	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Arsenic	0.69		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.019		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0074		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	533		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.00093	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	24.2	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0082	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	87.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0029	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	21.9	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	103		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0091	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E RFI-PZ-16\_1114

Lab Sample ID: 480-71259-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	2.9	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Aluminum	0.065	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0063	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.069		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00064	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	218		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0011	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.3	^	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	51.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.32		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0085	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.8	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	15.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.35	B	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E03\_1114**

**Lab Sample ID: 480-71259-9**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	1.2	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.2	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Aluminum	0.091	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.067		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00076	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	171		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0048		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0021	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.72		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.10		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0047	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.8	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	28.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.011	B	0.010	0.0015	mg/L	1		6010C	Total/NA

**Client Sample ID: BCC Area E MW-E04\_1114**

**Lab Sample ID: 480-71259-10**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Nitrophenol	0.80	J	5.0	0.48	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.7	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Nitrobenzene	0.76	J	5.0	0.29	ug/L	1		8270D	Total/NA
2,4-Dinitrotoluene - DL	260		250	22	ug/L	50		8270D	Total/NA
2,6-Dinitrotoluene - DL	710		250	20	ug/L	50		8270D	Total/NA
Aluminum	0.30		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.10		0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.015		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.055		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0013	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	166		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0021	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0010	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	1.3	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0054	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	39.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.25		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.013		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	16.1		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.32	B	0.010	0.0015	mg/L	1		6010C	Total/NA

**Client Sample ID: BCC Area E MW-E05\_1114**

**Lab Sample ID: 480-71259-11**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.2		1.0	0.75	ug/L	1		8260C	Total/NA
Benzaldehyde	1.1	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.4	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Aluminum	0.31		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



## Detection Summary

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

TestAmerica Job ID: 480-71259-1

### Client Sample ID: BCC Area E MW-E05\_1114 (Continued)

Lab Sample ID: 480-71259-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.038		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.016		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	157		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0044		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.12		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.44		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.030		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	18.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.14		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.022		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.023	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	88.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	4.3	B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E MW-E06\_1114

Lab Sample ID: 480-71259-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	1.3	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.6	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Aluminum	0.16	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.036		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.028		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0013	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	304		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.018		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0046	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	89.3	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0086	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	18.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.023		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.5	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	44.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	1.3	B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E MW-E07\_1114

Lab Sample ID: 480-71259-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	15		5.0	0.41	ug/L	1		8270D	Total/NA
Anthracene	1.4	J	5.0	0.28	ug/L	1		8270D	Total/NA
Benzaldehyde	1.5	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.2	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Carbazole	0.89	J	5.0	0.30	ug/L	1		8270D	Total/NA
Dibenzofuran	4.2	J	10	0.51	ug/L	1		8270D	Total/NA
Fluoranthene	1.9	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	8.6		5.0	0.36	ug/L	1		8270D	Total/NA
Pyrene	1.1	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	0.093	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.068		0.015	0.0056	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

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

TestAmerica Job ID: 480-71259-1

### Client Sample ID: BCC Area E MW-E07\_1114 (Continued)

Lab Sample ID: 480-71259-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.018		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0012	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	155		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0054		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0076	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	79.7	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.015		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	16.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.27		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0068	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.5	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	23.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.067	B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: BCC Area E R11 D\_1114

Lab Sample ID: 480-71259-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.8	J	10	3.0	ug/L	1		8260C	Total/NA
Benzaldehyde	1.5	J B *	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.5	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Arsenic	0.0078	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	70.0		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	6.0	^	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0033	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	22.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.038		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	26.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.99	B	0.010	0.0015	mg/L	1		6010C	Total/NA

### Client Sample ID: TRIP BLANK

Lab Sample ID: 480-71259-15

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-10\_1114**

**Lab Sample ID: 480-71259-1**

**Date Collected: 11/10/14 14:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 17:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 17:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 17:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 17:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 17:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 17:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 17:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 17:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 17:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 17:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 17:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 17:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 17:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 17:30	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 17:30	1
Acetone	ND		10	3.0	ug/L			11/19/14 17:30	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 17:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 17:30	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 17:30	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 17:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 17:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 17:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 17:30	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 17:30	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 17:30	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 17:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 17:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 17:30	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 17:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 17:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 17:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 17:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 17:30	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 17:30	1
<b>Methyl tert-butyl ether</b>	<b>1.3</b>		1.0	0.16	ug/L			11/19/14 17:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 17:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 17:30	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 17:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 17:30	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 17:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 17:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 17:30	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 17:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 17:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 17:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 17:30	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-10\_1114**

**Lab Sample ID: 480-71259-1**

**Date Collected: 11/10/14 14:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		11/19/14 17:30	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/19/14 17:30	1
Toluene-d8 (Surr)	101		71 - 126		11/19/14 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 14:09	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 14:09	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 14:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 14:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 14:09	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 14:09	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 14:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 14:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 14:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:09	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 14:09	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 14:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:09	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 14:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 14:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 14:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 14:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 14:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 14:09	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 14:09	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 14:09	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 14:09	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 14:09	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 14:09	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 14:09	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 14:09	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 14:09	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 14:09	1
<b>Benzaldehyde</b>	<b>1.2</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 14:09	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 14:09	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 14:09	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 14:09	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 14:09	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 14:09	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 14:09	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 14:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 14:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:09	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.4</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 14:09	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 14:09	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 14:09	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 14:09	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 14:09	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-10\_1114**

**Lab Sample ID: 480-71259-1**

**Date Collected: 11/10/14 14:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 14:09	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 14:09	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 14:09	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 14:09	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 14:09	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 14:09	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:09	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 14:09	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 14:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 14:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 14:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 14:09	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 14:09	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 14:09	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 14:09	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 14:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 14:09	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 14:09	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 14:09	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 14:09	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 14:09	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	11/14/14 08:23	11/25/14 14:09	1
2-Fluorobiphenyl	82		48 - 120	11/14/14 08:23	11/25/14 14:09	1
2-Fluorophenol	80		20 - 120	11/14/14 08:23	11/25/14 14:09	1
Nitrobenzene-d5	88		46 - 120	11/14/14 08:23	11/25/14 14:09	1
Phenol-d5	54		16 - 120	11/14/14 08:23	11/25/14 14:09	1
p-Terphenyl-d14	70		67 - 150	11/14/14 08:23	11/25/14 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 19:43	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 19:43	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Barium</b>	<b>0.20</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 19:43	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Cadmium</b>	<b>0.0010</b>	<b>J</b>	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Calcium</b>	<b>102</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:43	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 19:43	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Copper</b>	<b>0.0023</b>	<b>J</b>	0.010	0.0016	mg/L		11/14/14 08:11	11/24/14 15:51	1
<b>Iron</b>	<b>5.5</b>		0.050	0.019	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Lead</b>	<b>0.0040</b>	<b>J</b>	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Magnesium</b>	<b>52.7</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Manganese</b>	<b>0.051</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 19:43	1
Nickel	ND		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Potassium</b>	<b>4.8</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:43	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 19:43	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-10\_1114**

**Lab Sample ID: 480-71259-1**

**Date Collected: 11/10/14 14:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Sodium</b>	<b>162</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 19:43	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 19:43	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 19:43	1
<b>Zinc</b>	<b>0.014</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:03	1



# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-11\_1114**

**Lab Sample ID: 480-71259-2**

**Date Collected: 11/10/14 11:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 17:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 17:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 17:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 17:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 17:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 17:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 17:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 17:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 17:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 17:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 17:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 17:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 17:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 17:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 17:55	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 17:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 17:55	1
<b>Acetone</b>	<b>8.6</b>	<b>J</b>	10	3.0	ug/L			11/19/14 17:55	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 17:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 17:55	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 17:55	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 17:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 17:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 17:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 17:55	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 17:55	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 17:55	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 17:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 17:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 17:55	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 17:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 17:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 17:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 17:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 17:55	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 17:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 17:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 17:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 17:55	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 17:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 17:55	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 17:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 17:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 17:55	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 17:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 17:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 17:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 17:55	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-11\_1114**

**Lab Sample ID: 480-71259-2**

**Date Collected: 11/10/14 11:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		11/19/14 17:55	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 17:55	1
Toluene-d8 (Surr)	99		71 - 126		11/19/14 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 14:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 14:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 14:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 14:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 14:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 14:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 14:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 14:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 14:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:36	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 14:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 14:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:36	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 14:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 14:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 14:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 14:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 14:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 14:36	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 14:36	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 14:36	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 14:36	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 14:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 14:36	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 14:36	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 14:36	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 14:36	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 14:36	1
<b>Benzaldehyde</b>	<b>1.1</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 14:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 14:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 14:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 14:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 14:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 14:36	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 14:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 14:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 14:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:36	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.8</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 14:36	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 14:36	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 14:36	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 14:36	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 14:36	1

TestAmerica Buffalo



# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-11\_1114**

**Lab Sample ID: 480-71259-2**

**Date Collected: 11/10/14 11:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 14:36	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 14:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 14:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 14:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 14:36	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 14:36	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 14:36	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 14:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 14:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 14:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 14:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 14:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 14:36	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 14:36	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 14:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 14:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 14:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 14:36	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 14:36	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 14:36	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 14:36	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 132	11/14/14 08:23	11/25/14 14:36	1
2-Fluorobiphenyl	72		48 - 120	11/14/14 08:23	11/25/14 14:36	1
2-Fluorophenol	76		20 - 120	11/14/14 08:23	11/25/14 14:36	1
Nitrobenzene-d5	78		46 - 120	11/14/14 08:23	11/25/14 14:36	1
Phenol-d5	54		16 - 120	11/14/14 08:23	11/25/14 14:36	1
p-Terphenyl-d14	65	X	67 - 150	11/14/14 08:23	11/25/14 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 19:45	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 19:45	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 19:45	1
Barium	0.13		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 19:45	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 19:45	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 19:45	1
Calcium	67.6		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:45	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 19:45	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 19:45	1
Copper	0.0017	J	0.010	0.0016	mg/L		11/14/14 08:11	11/24/14 15:53	1
Iron	5.8		0.050	0.019	mg/L		11/14/14 08:11	11/17/14 19:45	1
Lead	ND		0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 19:45	1
Magnesium	22.8		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 19:45	1
Manganese	0.040		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 19:45	1
Nickel	ND		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 19:45	1
Potassium	6.3	B	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:45	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 19:45	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-11\_1114**

**Lab Sample ID: 480-71259-2**

**Date Collected: 11/10/14 11:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 19:45	1
<b>Sodium</b>	<b>25.3</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 19:45	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 19:45	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 19:45	1
<b>Zinc</b>	<b>1.0</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:04	1



# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-17\_1114**

**Lab Sample ID: 480-71259-3**

**Date Collected: 11/11/14 08:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 18:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 18:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 18:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 18:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 18:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 18:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 18:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 18:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 18:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 18:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 18:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 18:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 18:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 18:20	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 18:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 18:20	1
Acetone	ND		10	3.0	ug/L			11/19/14 18:20	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 18:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 18:20	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 18:20	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 18:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 18:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 18:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 18:20	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 18:20	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 18:20	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 18:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 18:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 18:20	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 18:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 18:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 18:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 18:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 18:20	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 18:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 18:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 18:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 18:20	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 18:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 18:20	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 18:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 18:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 18:20	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 18:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 18:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 18:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 18:20	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-17\_1114**

**Lab Sample ID: 480-71259-3**

**Date Collected: 11/11/14 08:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		11/19/14 18:20	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 18:20	1
Toluene-d8 (Surr)	99		71 - 126		11/19/14 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 15:03	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 15:03	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:03	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 15:03	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:03	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:03	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:03	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 15:03	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 15:03	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 15:03	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:03	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 15:03	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 15:03	1
3,3'-Dichlorobenzidine	ND	*	5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:03	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 15:03	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:03	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:03	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:03	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:03	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:03	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 15:03	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 15:03	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 15:03	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 15:03	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 15:03	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 15:03	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 15:03	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 15:03	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 15:03	1
<b>Benzaldehyde</b>	<b>0.75</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 15:03	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:03	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:03	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 15:03	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:03	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 15:03	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 15:03	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 15:03	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:03	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:03	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.4</b>	<b>J B *</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 15:03	1
<b>Butyl benzyl phthalate</b>	<b>0.53</b>	<b>J *</b>	5.0	0.42	ug/L		11/14/14 08:23	11/25/14 15:03	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 15:03	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 15:03	1
Chrysene	ND	*	5.0	0.33	ug/L		11/14/14 08:23	11/25/14 15:03	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-17\_1114**

**Lab Sample ID: 480-71259-3**

**Date Collected: 11/11/14 08:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 15:03	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 15:03	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 15:03	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:03	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 15:03	1
Di-n-octyl phthalate	ND *		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:03	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:03	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:03	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:03	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 15:03	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:03	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:03	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:03	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 15:03	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 15:03	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 15:03	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 15:03	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:03	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:03	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 15:03	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 15:03	1
Pyrene	ND *		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		52 - 132	11/14/14 08:23	11/25/14 15:03	1
2-Fluorobiphenyl	63		48 - 120	11/14/14 08:23	11/25/14 15:03	1
2-Fluorophenol	61		20 - 120	11/14/14 08:23	11/25/14 15:03	1
Nitrobenzene-d5	73		46 - 120	11/14/14 08:23	11/25/14 15:03	1
Phenol-d5	42		16 - 120	11/14/14 08:23	11/25/14 15:03	1
p-Terphenyl-d14	70 *		67 - 150	11/14/14 08:23	11/25/14 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 19:59	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 19:59	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 19:59	1
Barium	0.039		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 19:59	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 19:59	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 19:59	1
Calcium	206		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:59	1
Chromium	0.0028	J	0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 19:59	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 19:59	1
Copper	0.0030	J	0.010	0.0016	mg/L		11/14/14 08:11	11/24/14 16:14	1
Iron	0.033	J	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 19:59	1
Lead	0.0034	J	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 19:59	1
Magnesium	36.5		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 19:59	1
Manganese	0.0027	J	0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 19:59	1
Nickel	0.0054	J	0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 19:59	1
Potassium	1.9	B	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:59	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 19:59	1

TestAmerica Buffalo

# Client Sample Results

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

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-17\_1114**

**Lab Sample ID: 480-71259-3**

**Date Collected: 11/11/14 08:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 19:59	1
<b>Sodium</b>	<b>17.0</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 19:59	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 19:59	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 19:59	1
<b>Zinc</b>	<b>0.014</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 19:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:15	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-29\_1114**

**Lab Sample ID: 480-71259-4**

**Date Collected: 11/11/14 10:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 18:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 18:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 18:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 18:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 18:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 18:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 18:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 18:45	1
<b>1,2-Dichlorobenzene</b>	<b>1.9</b>		1.0	0.79	ug/L			11/19/14 18:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 18:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 18:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 18:45	1
<b>1,4-Dichlorobenzene</b>	<b>2.8</b>		1.0	0.84	ug/L			11/19/14 18:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 18:45	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 18:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 18:45	1
Acetone	ND		10	3.0	ug/L			11/19/14 18:45	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 18:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 18:45	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 18:45	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 18:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 18:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 18:45	1
<b>Chlorobenzene</b>	<b>9.8</b>		1.0	0.75	ug/L			11/19/14 18:45	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 18:45	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 18:45	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 18:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 18:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 18:45	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 18:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 18:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 18:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 18:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 18:45	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 18:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 18:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 18:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 18:45	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 18:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 18:45	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 18:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 18:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 18:45	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 18:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 18:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 18:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 18:45	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-29\_1114**

**Lab Sample ID: 480-71259-4**

**Date Collected: 11/11/14 10:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		11/19/14 18:45	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 18:45	1
Toluene-d8 (Surr)	99		71 - 126		11/19/14 18:45	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 15:29	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 15:29	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:29	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 15:29	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:29	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:29	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:29	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 15:29	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 15:29	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 15:29	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:29	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 15:29	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 15:29	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:29	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 15:29	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:29	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:29	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:29	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:29	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:29	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 15:29	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 15:29	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 15:29	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 15:29	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 15:29	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 15:29	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 15:29	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 15:29	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 15:29	1
Benzaldehyde	ND	*	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 15:29	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:29	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:29	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 15:29	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:29	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 15:29	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 15:29	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 15:29	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:29	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:29	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.4</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 15:29	1
<b>Butyl benzyl phthalate</b>	<b>0.46</b>	<b>J</b>	5.0	0.42	ug/L		11/14/14 08:23	11/25/14 15:29	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 15:29	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 15:29	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 15:29	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-29\_1114**

**Lab Sample ID: 480-71259-4**

**Date Collected: 11/11/14 10:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 15:29	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 15:29	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 15:29	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:29	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 15:29	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:29	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:29	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:29	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:29	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 15:29	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:29	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:29	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:29	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 15:29	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 15:29	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 15:29	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 15:29	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:29	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:29	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 15:29	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 15:29	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	11/14/14 08:23	11/25/14 15:29	1
2-Fluorobiphenyl	79		48 - 120	11/14/14 08:23	11/25/14 15:29	1
2-Fluorophenol	88		20 - 120	11/14/14 08:23	11/25/14 15:29	1
Nitrobenzene-d5	85		46 - 120	11/14/14 08:23	11/25/14 15:29	1
Phenol-d5	72		16 - 120	11/14/14 08:23	11/25/14 15:29	1
p-Terphenyl-d14	82		67 - 150	11/14/14 08:23	11/25/14 15:29	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:01	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Arsenic</b>	<b>0.011</b>	<b>J</b>	0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Barium</b>	<b>0.11</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:01	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:01	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Calcium</b>	<b>49.4</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:01	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:01	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Copper</b>	<b>0.0017</b>	<b>J</b>	0.010	0.0016	mg/L		11/14/14 08:11	11/24/14 16:17	1
<b>Iron</b>	<b>0.037</b>	<b>J</b>	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Lead</b>	<b>0.0033</b>	<b>J</b>	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Magnesium</b>	<b>8.6</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Manganese</b>	<b>0.048</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Nickel</b>	<b>0.0013</b>	<b>J</b>	0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Potassium</b>	<b>3.7</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:01	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:01	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-29\_1114**

**Lab Sample ID: 480-71259-4**

**Date Collected: 11/11/14 10:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Sodium</b>	<b>172</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:01	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:01	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:01	1
<b>Zinc</b>	<b>0.013</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:01	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:16	1

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-32\_1114**

**Lab Sample ID: 480-71259-5**

**Date Collected: 11/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			11/20/14 15:00	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/20/14 15:00	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/20/14 15:00	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/20/14 15:00	20
1,1-Dichloroethane	ND		20	7.6	ug/L			11/20/14 15:00	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/20/14 15:00	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/20/14 15:00	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/20/14 15:00	20
1,2-Dibromoethane	ND		20	15	ug/L			11/20/14 15:00	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/20/14 15:00	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/20/14 15:00	20
1,2-Dichloropropane	ND		20	14	ug/L			11/20/14 15:00	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/20/14 15:00	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/20/14 15:00	20
2-Butanone (MEK)	ND		200	26	ug/L			11/20/14 15:00	20
2-Hexanone	ND		100	25	ug/L			11/20/14 15:00	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			11/20/14 15:00	20
Acetone	ND		200	60	ug/L			11/20/14 15:00	20
Benzene	ND		20	8.2	ug/L			11/20/14 15:00	20
Bromodichloromethane	ND		20	7.8	ug/L			11/20/14 15:00	20
Bromoform	ND		20	5.2	ug/L			11/20/14 15:00	20
Bromomethane	ND		20	14	ug/L			11/20/14 15:00	20
Carbon disulfide	ND		20	3.8	ug/L			11/20/14 15:00	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/20/14 15:00	20
<b>Chlorobenzene</b>	<b>1200</b>		20	15	ug/L			11/20/14 15:00	20
Chloroethane	ND		20	6.4	ug/L			11/20/14 15:00	20
Chloroform	ND		20	6.8	ug/L			11/20/14 15:00	20
Chloromethane	ND		20	7.0	ug/L			11/20/14 15:00	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			11/20/14 15:00	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/20/14 15:00	20
Cyclohexane	ND		20	3.6	ug/L			11/20/14 15:00	20
Dibromochloromethane	ND		20	6.4	ug/L			11/20/14 15:00	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/20/14 15:00	20
Ethylbenzene	ND		20	15	ug/L			11/20/14 15:00	20
Isopropylbenzene	ND		20	16	ug/L			11/20/14 15:00	20
Methyl acetate	ND		50	10	ug/L			11/20/14 15:00	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/20/14 15:00	20
Methylcyclohexane	ND		20	3.2	ug/L			11/20/14 15:00	20
Methylene Chloride	ND		20	8.8	ug/L			11/20/14 15:00	20
Styrene	ND		20	15	ug/L			11/20/14 15:00	20
Tetrachloroethene	ND		20	7.2	ug/L			11/20/14 15:00	20
Toluene	ND		20	10	ug/L			11/20/14 15:00	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			11/20/14 15:00	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/20/14 15:00	20
Trichloroethene	ND		20	9.2	ug/L			11/20/14 15:00	20
Trichlorofluoromethane	ND		20	18	ug/L			11/20/14 15:00	20
Vinyl chloride	ND		20	18	ug/L			11/20/14 15:00	20
Xylenes, Total	ND		40	13	ug/L			11/20/14 15:00	20

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-32\_1114**

**Lab Sample ID: 480-71259-5**

**Date Collected: 11/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		11/20/14 15:00	20
4-Bromofluorobenzene (Surr)	95		73 - 120		11/20/14 15:00	20
Toluene-d8 (Surr)	99		71 - 126		11/20/14 15:00	20

**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		11/14/14 08:23	11/25/14 15:56	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 15:56	1
<b>2,4-Dichlorophenol</b>	<b>1.6</b>	<b>J</b>	5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:56	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 15:56	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:56	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:56	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:56	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 15:56	1
<b>2-Chlorophenol</b>	<b>34</b>		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 15:56	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 15:56	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:56	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 15:56	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 15:56	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:56	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 15:56	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:56	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:56	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 15:56	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:56	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:56	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 15:56	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 15:56	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 15:56	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 15:56	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 15:56	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 15:56	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 15:56	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 15:56	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 15:56	1
<b>Benzaldehyde</b>	<b>1.4</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 15:56	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:56	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:56	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 15:56	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:56	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 15:56	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 15:56	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 15:56	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 15:56	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:56	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.3</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 15:56	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 15:56	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 15:56	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 15:56	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 15:56	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-32\_1114**

**Lab Sample ID: 480-71259-5**

**Date Collected: 11/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 15:56	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 15:56	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 15:56	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:56	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 15:56	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:56	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 15:56	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 15:56	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:56	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 15:56	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:56	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 15:56	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 15:56	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 15:56	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 15:56	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 15:56	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 15:56	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 15:56	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 15:56	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 15:56	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 15:56	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 132	11/14/14 08:23	11/25/14 15:56	1
2-Fluorobiphenyl	81		48 - 120	11/14/14 08:23	11/25/14 15:56	1
2-Fluorophenol	100		20 - 120	11/14/14 08:23	11/25/14 15:56	1
Nitrobenzene-d5	90		46 - 120	11/14/14 08:23	11/25/14 15:56	1
Phenol-d5	67		16 - 120	11/14/14 08:23	11/25/14 15:56	1
p-Terphenyl-d14	66	X	67 - 150	11/14/14 08:23	11/25/14 15:56	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.082</b>	<b>J</b>	0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:04	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Arsenic</b>	<b>0.014</b>	<b>J</b>	0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Barium</b>	<b>0.0073</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:04	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Cadmium</b>	<b>0.00096</b>	<b>J</b>	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Calcium</b>	<b>356</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:04	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Cobalt</b>	<b>0.0071</b>		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Copper</b>	<b>0.0024</b>	<b>J</b>	0.010	0.0016	mg/L		11/14/14 08:11	11/24/14 16:20	1
<b>Iron</b>	<b>6.5</b>		0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Lead</b>	<b>0.0060</b>	<b>J</b>	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Magnesium</b>	<b>144</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Manganese</b>	<b>1.6</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Nickel</b>	<b>0.016</b>		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Potassium</b>	<b>4.8</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:04	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:04	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-32\_1114**

**Lab Sample ID: 480-71259-5**

**Date Collected: 11/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Sodium</b>	<b>95.0</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:04	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:04	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:04	1
<b>Zinc</b>	<b>0.018</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:04	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:18	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-33\_1114**

**Lab Sample ID: 480-71259-6**

**Date Collected: 11/11/14 09:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 19:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 19:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 19:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 19:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 19:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 19:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 19:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 19:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 19:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 19:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 19:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 19:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 19:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 19:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 19:35	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 19:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 19:35	1
Acetone	ND		10	3.0	ug/L			11/19/14 19:35	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 19:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 19:35	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 19:35	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 19:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 19:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 19:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 19:35	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 19:35	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 19:35	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 19:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 19:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 19:35	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 19:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 19:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 19:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 19:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 19:35	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 19:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 19:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 19:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 19:35	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 19:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 19:35	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 19:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 19:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 19:35	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 19:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 19:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 19:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 19:35	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-33\_1114**

**Lab Sample ID: 480-71259-6**

**Date Collected: 11/11/14 09:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		11/19/14 19:35	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 19:35	1
Toluene-d8 (Surr)	100		71 - 126		11/19/14 19:35	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		11/14/14 08:23	11/25/14 16:23	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 16:23	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 16:23	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 16:23	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 16:23	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 16:23	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:23	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 16:23	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 16:23	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 16:23	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:23	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 16:23	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 16:23	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:23	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 16:23	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 16:23	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 16:23	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 16:23	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 16:23	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 16:23	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 16:23	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 16:23	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 16:23	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 16:23	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 16:23	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 16:23	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 16:23	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 16:23	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 16:23	1
<b>Benzaldehyde</b>	<b>1.2</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 16:23	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 16:23	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 16:23	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 16:23	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 16:23	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 16:23	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 16:23	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 16:23	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 16:23	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:23	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.5</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 16:23	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 16:23	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 16:23	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 16:23	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 16:23	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-33\_1114**

**Lab Sample ID: 480-71259-6**

**Date Collected: 11/11/14 09:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 16:23	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 16:23	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 16:23	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 16:23	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 16:23	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 16:23	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:23	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 16:23	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 16:23	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 16:23	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 16:23	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 16:23	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 16:23	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 16:23	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 16:23	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 16:23	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 16:23	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 16:23	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 16:23	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 16:23	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 16:23	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 132	11/14/14 08:23	11/25/14 16:23	1
2-Fluorobiphenyl	80		48 - 120	11/14/14 08:23	11/25/14 16:23	1
2-Fluorophenol	89		20 - 120	11/14/14 08:23	11/25/14 16:23	1
Nitrobenzene-d5	88		46 - 120	11/14/14 08:23	11/25/14 16:23	1
Phenol-d5	62		16 - 120	11/14/14 08:23	11/25/14 16:23	1
p-Terphenyl-d14	73		67 - 150	11/14/14 08:23	11/25/14 16:23	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.23</b>		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:15	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:15	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Barium</b>	<b>0.038</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:15	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Cadmium</b>	<b>0.0019</b>	<b>J</b>	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Calcium</b>	<b>71.3</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Chromium</b>	<b>0.22</b>		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Cobalt</b>	<b>0.0024</b>	<b>J</b>	0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Copper</b>	<b>0.0075</b>	<b>J</b>	0.010	0.0016	mg/L		11/14/14 08:11	11/19/14 19:13	1
<b>Iron</b>	<b>1.8</b>	<b>^</b>	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Lead</b>	<b>0.0041</b>	<b>J</b>	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Magnesium</b>	<b>23.7</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Manganese</b>	<b>0.13</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Nickel</b>	<b>0.38</b>		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Potassium</b>	<b>1.0</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:15	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:15	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-33\_1114**

**Lab Sample ID: 480-71259-6**

**Date Collected: 11/11/14 09:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Sodium</b>	<b>164</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:15	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:15	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:15	1
<b>Zinc</b>	<b>0.037</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:15	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:19	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-51\_1114**

**Lab Sample ID: 480-71259-7**

**Date Collected: 11/11/14 13:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 19:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 19:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 19:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 19:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 19:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 19:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 19:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 19:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 19:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 19:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 19:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 19:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 19:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 19:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 19:59	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 19:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 19:59	1
Acetone	ND		10	3.0	ug/L			11/19/14 19:59	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 19:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 19:59	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 19:59	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 19:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 19:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 19:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 19:59	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 19:59	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 19:59	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 19:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 19:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 19:59	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 19:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 19:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 19:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 19:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 19:59	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 19:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 19:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 19:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 19:59	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 19:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 19:59	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 19:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 19:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 19:59	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 19:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 19:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 19:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 19:59	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-51\_1114**

**Lab Sample ID: 480-71259-7**

**Date Collected: 11/11/14 13:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		11/19/14 19:59	1
4-Bromofluorobenzene (Surr)	97		73 - 120		11/19/14 19:59	1
Toluene-d8 (Surr)	99		71 - 126		11/19/14 19:59	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 16:50	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 16:50	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 16:50	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 16:50	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 16:50	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 16:50	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:50	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 16:50	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 16:50	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 16:50	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:50	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 16:50	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 16:50	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:50	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 16:50	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 16:50	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 16:50	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 16:50	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 16:50	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 16:50	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 16:50	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 16:50	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 16:50	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 16:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 16:50	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 16:50	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 16:50	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 16:50	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 16:50	1
Benzaldehyde	ND	*	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 16:50	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 16:50	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 16:50	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 16:50	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 16:50	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 16:50	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 16:50	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 16:50	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 16:50	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:50	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.8</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 16:50	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 16:50	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 16:50	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 16:50	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 16:50	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-51\_1114**

**Lab Sample ID: 480-71259-7**

**Date Collected: 11/11/14 13:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 16:50	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 16:50	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 16:50	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 16:50	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 16:50	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 16:50	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 16:50	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 16:50	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 16:50	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 16:50	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 16:50	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 16:50	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 16:50	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 16:50	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 16:50	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 16:50	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 16:50	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 16:50	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 16:50	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 16:50	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 16:50	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	11/14/14 08:23	11/25/14 16:50	1
2-Fluorobiphenyl	86		48 - 120	11/14/14 08:23	11/25/14 16:50	1
2-Fluorophenol	95		20 - 120	11/14/14 08:23	11/25/14 16:50	1
Nitrobenzene-d5	93		46 - 120	11/14/14 08:23	11/25/14 16:50	1
Phenol-d5	64		16 - 120	11/14/14 08:23	11/25/14 16:50	1
p-Terphenyl-d14	79		67 - 150	11/14/14 08:23	11/25/14 16:50	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:18	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Arsenic</b>	<b>0.69</b>		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Barium</b>	<b>0.019</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:18	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Cadmium</b>	<b>0.0074</b>		0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Calcium</b>	<b>533</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:18	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Cobalt</b>	<b>0.00093</b>	<b>J</b>	0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:18	1
Copper	ND		0.010	0.0016	mg/L		11/14/14 08:11	11/24/14 16:22	1
<b>Iron</b>	<b>24.2</b>	<b>^</b>	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Lead</b>	<b>0.0082</b>	<b>J</b>	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Magnesium</b>	<b>87.3</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Manganese</b>	<b>1.4</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Nickel</b>	<b>0.0029</b>	<b>J</b>	0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Potassium</b>	<b>21.9</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:18	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:18	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-51\_1114**

**Lab Sample ID: 480-71259-7**

**Date Collected: 11/11/14 13:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Sodium</b>	<b>103</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:18	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:18	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:18	1
<b>Zinc</b>	<b>0.0091</b>	<b>J B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:18	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:21	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-PZ-16\_1114**

**Lab Sample ID: 480-71259-8**

**Date Collected: 11/11/14 14:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 20:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 20:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 20:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 20:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 20:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 20:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 20:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 20:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 20:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 20:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 20:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 20:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 20:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 20:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 20:24	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 20:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 20:24	1
Acetone	ND		10	3.0	ug/L			11/19/14 20:24	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 20:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 20:24	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 20:24	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 20:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 20:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 20:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 20:24	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 20:24	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 20:24	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 20:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 20:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 20:24	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 20:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 20:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 20:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 20:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 20:24	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 20:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 20:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 20:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 20:24	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 20:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 20:24	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 20:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 20:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 20:24	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 20:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 20:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 20:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 20:24	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-PZ-16\_1114**

**Lab Sample ID: 480-71259-8**

**Date Collected: 11/11/14 14:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		11/19/14 20:24	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 20:24	1
Toluene-d8 (Surr)	101		71 - 126		11/19/14 20:24	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		11/14/14 08:23	11/25/14 17:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 17:16	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 17:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 17:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 17:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 17:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 17:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 17:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 17:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:16	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 17:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 17:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:16	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 17:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 17:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 17:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 17:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 17:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 17:16	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 17:16	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 17:16	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 17:16	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 17:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 17:16	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 17:16	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 17:16	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 17:16	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 17:16	1
Benzaldehyde	ND	*	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 17:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 17:16	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 08:23	11/25/14 17:16	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		11/14/14 08:23	11/25/14 17:16	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		11/14/14 08:23	11/25/14 17:16	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		11/14/14 08:23	11/25/14 17:16	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 17:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 17:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 17:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:16	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.9</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 17:16	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 17:16	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 17:16	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 17:16	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 17:16	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-PZ-16\_1114**

**Lab Sample ID: 480-71259-8**

**Date Collected: 11/11/14 14:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		11/14/14 08:23	11/25/14 17:16	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 17:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 17:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 17:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 17:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 17:16	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:16	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 17:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 17:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 17:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 17:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 17:16	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 08:23	11/25/14 17:16	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 17:16	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 17:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 17:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 17:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 17:16	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 17:16	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 17:16	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 17:16	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132	11/14/14 08:23	11/25/14 17:16	1
2-Fluorobiphenyl	77		48 - 120	11/14/14 08:23	11/25/14 17:16	1
2-Fluorophenol	72		20 - 120	11/14/14 08:23	11/25/14 17:16	1
Nitrobenzene-d5	81		46 - 120	11/14/14 08:23	11/25/14 17:16	1
Phenol-d5	50		16 - 120	11/14/14 08:23	11/25/14 17:16	1
p-Terphenyl-d14	78		67 - 150	11/14/14 08:23	11/25/14 17:16	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.065	J	0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:20	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:20	1
Arsenic	0.0063	J	0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:20	1
Barium	0.069		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:20	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:20	1
Cadmium	0.00064	J	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:20	1
Calcium	218		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:20	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:20	1
Cobalt	0.0011	J	0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:20	1
Copper	0.012		0.010	0.0016	mg/L		11/14/14 08:11	11/19/14 19:16	1
Iron	2.3	^	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:20	1
Lead	0.0032	J	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:20	1
Magnesium	51.0		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:20	1
Manganese	0.32		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:20	1
Nickel	0.0085	J	0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:20	1
Potassium	5.8	B	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:20	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:20	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-PZ-16\_1114**

**Lab Sample ID: 480-71259-8**

**Date Collected: 11/11/14 14:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:20	1
<b>Sodium</b>	<b>15.9</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:20	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:20	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:20	1
<b>Zinc</b>	<b>0.35</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:20	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:23	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E03\_1114**

**Lab Sample ID: 480-71259-9**

**Date Collected: 11/10/14 10:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 20:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 20:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 20:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 20:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 20:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 20:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 20:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 20:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 20:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 20:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 20:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 20:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 20:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 20:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 20:49	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 20:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 20:49	1
Acetone	ND		10	3.0	ug/L			11/19/14 20:49	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 20:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 20:49	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 20:49	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 20:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 20:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 20:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 20:49	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 20:49	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 20:49	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 20:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 20:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 20:49	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 20:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 20:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 20:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 20:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 20:49	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 20:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 20:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 20:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 20:49	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 20:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 20:49	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 20:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 20:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 20:49	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 20:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 20:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 20:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 20:49	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E03\_1114**

**Lab Sample ID: 480-71259-9**

**Date Collected: 11/10/14 10:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		11/19/14 20:49	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 20:49	1
Toluene-d8 (Surr)	100		71 - 126		11/19/14 20:49	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 17:43	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 17:43	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 17:43	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 17:43	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 17:43	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 17:43	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:43	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 17:43	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 17:43	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 17:43	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:43	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 17:43	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 17:43	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:43	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 17:43	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 17:43	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 17:43	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 17:43	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 17:43	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 17:43	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 17:43	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 17:43	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 17:43	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 17:43	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 17:43	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 17:43	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 17:43	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 17:43	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 17:43	1
<b>Benzaldehyde</b>	<b>1.2</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 17:43	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 17:43	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 17:43	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 17:43	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 17:43	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 17:43	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 17:43	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 17:43	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 17:43	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:43	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>3.2</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 17:43	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 17:43	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 17:43	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 17:43	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 17:43	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E03\_1114**

**Lab Sample ID: 480-71259-9**

**Date Collected: 11/10/14 10:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 17:43	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 17:43	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 17:43	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 17:43	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 17:43	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 17:43	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 17:43	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 17:43	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 17:43	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 17:43	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 17:43	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 17:43	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 17:43	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 17:43	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 17:43	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 17:43	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 17:43	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 17:43	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 17:43	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 17:43	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 17:43	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		52 - 132	11/14/14 08:23	11/25/14 17:43	1
2-Fluorobiphenyl	77		48 - 120	11/14/14 08:23	11/25/14 17:43	1
2-Fluorophenol	76		20 - 120	11/14/14 08:23	11/25/14 17:43	1
Nitrobenzene-d5	82		46 - 120	11/14/14 08:23	11/25/14 17:43	1
Phenol-d5	54		16 - 120	11/14/14 08:23	11/25/14 17:43	1
p-Terphenyl-d14	81		67 - 150	11/14/14 08:23	11/25/14 17:43	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.091</b>	<b>J</b>	0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:23	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:23	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Barium</b>	<b>0.067</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:23	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Cadmium</b>	<b>0.00076</b>	<b>J</b>	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Calcium</b>	<b>171</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Chromium</b>	<b>0.0048</b>		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:23	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Copper</b>	<b>0.0021</b>	<b>J</b>	0.010	0.0016	mg/L		11/14/14 08:11	11/19/14 19:25	1
<b>Iron</b>	<b>0.72</b>		0.050	0.019	mg/L		11/14/14 08:11	11/19/14 19:25	1
Lead	ND		0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Magnesium</b>	<b>17.4</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Manganese</b>	<b>0.10</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Nickel</b>	<b>0.0047</b>	<b>J</b>	0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Potassium</b>	<b>6.8</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:23	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:23	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E03\_1114**

**Lab Sample ID: 480-71259-9**

**Date Collected: 11/10/14 10:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Sodium</b>	<b>28.2</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:23	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:23	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:23	1
<b>Zinc</b>	<b>0.011</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:23	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:24	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E04\_1114**

**Lab Sample ID: 480-71259-10**

**Date Collected: 11/10/14 15:15**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 21:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 21:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 21:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 21:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 21:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 21:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 21:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 21:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 21:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 21:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 21:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 21:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 21:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 21:14	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 21:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 21:14	1
Acetone	ND		10	3.0	ug/L			11/19/14 21:14	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 21:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 21:14	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 21:14	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 21:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 21:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 21:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 21:14	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 21:14	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 21:14	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 21:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 21:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 21:14	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 21:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 21:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 21:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 21:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 21:14	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 21:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 21:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 21:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 21:14	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 21:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 21:14	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 21:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 21:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 21:14	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 21:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 21:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 21:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 21:14	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E04\_1114**

**Lab Sample ID: 480-71259-10**

**Date Collected: 11/10/14 15:15**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		11/19/14 21:14	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/19/14 21:14	1
Toluene-d8 (Surr)	102		71 - 126		11/19/14 21:14	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		11/14/14 08:23	11/25/14 18:09	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 18:09	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 18:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 18:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 18:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 18:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 18:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 18:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:09	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 18:09	1
<b>2-Nitrophenol</b>	<b>0.80</b>	<b>J</b>	5.0	0.48	ug/L		11/14/14 08:23	11/25/14 18:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:09	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 18:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 18:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 18:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 18:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 18:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 18:09	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 18:09	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 18:09	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 18:09	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 18:09	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 18:09	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 18:09	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 18:09	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 18:09	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 18:09	1
Benzaldehyde	ND	*	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 18:09	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 18:09	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 18:09	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 18:09	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 18:09	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 18:09	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 18:09	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 18:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 18:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:09	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>2.7</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 18:09	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 18:09	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 18:09	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 18:09	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 18:09	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 18:09	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 18:09	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E04\_1114**

**Lab Sample ID: 480-71259-10**

Date Collected: 11/10/14 15:15

Matrix: Ground Water

Date Received: 11/12/14 16:15

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 18:09	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 18:09	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 18:09	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 18:09	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:09	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 18:09	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 18:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 18:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 18:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 18:09	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 18:09	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 18:09	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 18:09	1
<b>Nitrobenzene</b>	<b>0.76</b>	<b>J</b>	5.0	0.29	ug/L		11/14/14 08:23	11/25/14 18:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 18:09	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 18:09	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 18:09	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 18:09	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 18:09	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	11/14/14 08:23	11/25/14 18:09	1
2-Fluorobiphenyl	75		48 - 120	11/14/14 08:23	11/25/14 18:09	1
2-Fluorophenol	82		20 - 120	11/14/14 08:23	11/25/14 18:09	1
Nitrobenzene-d5	83		46 - 120	11/14/14 08:23	11/25/14 18:09	1
Phenol-d5	59		16 - 120	11/14/14 08:23	11/25/14 18:09	1
p-Terphenyl-d14	71		67 - 150	11/14/14 08:23	11/25/14 18:09	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>2,4-Dinitrotoluene</b>	<b>260</b>		250	22	ug/L		11/14/14 08:23	11/26/14 16:44	50
<b>2,6-Dinitrotoluene</b>	<b>710</b>		250	20	ug/L		11/14/14 08:23	11/26/14 16:44	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	157	X	52 - 132	11/14/14 08:23	11/26/14 16:44	50
2-Fluorobiphenyl	81		48 - 120	11/14/14 08:23	11/26/14 16:44	50
2-Fluorophenol	48		20 - 120	11/14/14 08:23	11/26/14 16:44	50
Nitrobenzene-d5	78		46 - 120	11/14/14 08:23	11/26/14 16:44	50
Phenol-d5	54		16 - 120	11/14/14 08:23	11/26/14 16:44	50
p-Terphenyl-d14	76		67 - 150	11/14/14 08:23	11/26/14 16:44	50

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.30</b>		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:26	1
<b>Antimony</b>	<b>0.10</b>		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:26	1
<b>Arsenic</b>	<b>0.015</b>		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:26	1
<b>Barium</b>	<b>0.055</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:26	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:26	1
<b>Cadmium</b>	<b>0.0013</b>	<b>J</b>	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:26	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E04\_1114**

**Lab Sample ID: 480-71259-10**

Date Collected: 11/10/14 15:15

Matrix: Ground Water

Date Received: 11/12/14 16:15

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	166		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:26	1
Chromium	0.0021	J	0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:26	1
Cobalt	0.0010	J	0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:26	1
Copper	0.031		0.010	0.0016	mg/L		11/14/14 08:11	11/19/14 19:19	1
Iron	1.3	^	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:26	1
Lead	0.0054	J	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:26	1
Magnesium	39.1		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:26	1
Manganese	0.25		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:26	1
Nickel	0.013		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:26	1
Potassium	7.7	B	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:26	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:26	1
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:26	1
Sodium	16.1		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:26	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:26	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:26	1
Zinc	0.32	B	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:26	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:26	1

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E05\_1114**

**Lab Sample ID: 480-71259-11**

**Date Collected: 11/11/14 15:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 21:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 21:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 21:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 21:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 21:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 21:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 21:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 21:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 21:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 21:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 21:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 21:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 21:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 21:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 21:39	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 21:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 21:39	1
Acetone	ND		10	3.0	ug/L			11/19/14 21:39	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 21:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 21:39	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 21:39	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 21:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 21:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 21:39	1
<b>Chlorobenzene</b>	<b>3.2</b>		1.0	0.75	ug/L			11/19/14 21:39	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 21:39	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 21:39	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 21:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 21:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 21:39	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 21:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 21:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 21:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 21:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 21:39	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 21:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 21:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 21:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 21:39	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 21:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 21:39	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 21:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 21:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 21:39	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 21:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 21:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 21:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 21:39	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E05\_1114**

**Lab Sample ID: 480-71259-11**

**Date Collected: 11/11/14 15:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		11/19/14 21:39	1
4-Bromofluorobenzene (Surr)	95		73 - 120		11/19/14 21:39	1
Toluene-d8 (Surr)	98		71 - 126		11/19/14 21:39	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		11/14/14 08:23	11/25/14 18:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 18:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 18:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 18:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 18:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 18:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 18:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 18:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 18:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:36	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 18:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 18:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:36	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 18:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 18:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 18:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 18:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 18:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 18:36	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 18:36	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 18:36	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 18:36	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 18:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 18:36	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 18:36	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 18:36	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 18:36	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 18:36	1
<b>Benzaldehyde</b>	<b>1.1</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 18:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 18:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 18:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 18:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 18:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 18:36	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 18:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 18:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 18:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:36	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>3.4</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 18:36	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 18:36	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 18:36	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 18:36	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 18:36	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E05\_1114**

**Lab Sample ID: 480-71259-11**

**Date Collected: 11/11/14 15:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 18:36	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 18:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 18:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 18:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 18:36	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 18:36	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 18:36	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 18:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 18:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 18:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 18:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 18:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 18:36	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 18:36	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 18:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 18:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 18:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 18:36	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 18:36	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 18:36	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 18:36	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		52 - 132	11/14/14 08:23	11/25/14 18:36	1
2-Fluorobiphenyl	73		48 - 120	11/14/14 08:23	11/25/14 18:36	1
2-Fluorophenol	76		20 - 120	11/14/14 08:23	11/25/14 18:36	1
Nitrobenzene-d5	80		46 - 120	11/14/14 08:23	11/25/14 18:36	1
Phenol-d5	56		16 - 120	11/14/14 08:23	11/25/14 18:36	1
p-Terphenyl-d14	75		67 - 150	11/14/14 08:23	11/25/14 18:36	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.31		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:29	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:29	1
Arsenic	0.011	J	0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:29	1
Barium	0.038		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:29	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:29	1
Cadmium	0.016		0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:29	1
Calcium	157		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:29	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:29	1
Cobalt	0.0044		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:29	1
Copper	0.12		0.010	0.0016	mg/L		11/14/14 08:11	11/19/14 19:28	1
Iron	0.44		0.050	0.019	mg/L		11/14/14 08:11	11/19/14 19:28	1
Lead	0.030		0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:29	1
Magnesium	18.8		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:29	1
Manganese	0.14		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:29	1
Nickel	0.022		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:29	1
Potassium	6.7	B	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:29	1
Selenium	0.023	J	0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:29	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E05\_1114**

**Lab Sample ID: 480-71259-11**

**Date Collected: 11/11/14 15:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:29	1
<b>Sodium</b>	<b>88.2</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:29	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:29	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:29	1
<b>Zinc</b>	<b>4.3</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:29	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:31	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E06\_1114**

**Lab Sample ID: 480-71259-12**

**Date Collected: 11/11/14 12:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 22:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 22:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 22:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 22:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 22:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 22:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 22:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 22:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 22:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 22:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 22:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 22:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 22:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 22:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 22:04	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 22:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 22:04	1
Acetone	ND		10	3.0	ug/L			11/19/14 22:04	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 22:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 22:04	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 22:04	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 22:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 22:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 22:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 22:04	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 22:04	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 22:04	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 22:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 22:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 22:04	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 22:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 22:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 22:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 22:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 22:04	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 22:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 22:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 22:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 22:04	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 22:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 22:04	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 22:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 22:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 22:04	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 22:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 22:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 22:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 22:04	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E06\_1114**

**Lab Sample ID: 480-71259-12**

**Date Collected: 11/11/14 12:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		11/19/14 22:04	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 22:04	1
Toluene-d8 (Surr)	99		71 - 126		11/19/14 22:04	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		11/14/14 08:23	11/25/14 19:02	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 19:02	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:02	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 19:02	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:02	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:02	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:02	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 19:02	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 19:02	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 19:02	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:02	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 19:02	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 19:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:02	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 19:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:02	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:02	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:02	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 19:02	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 19:02	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 19:02	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 19:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 19:02	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 19:02	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 19:02	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 19:02	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 19:02	1
<b>Benzaldehyde</b>	<b>1.3</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 19:02	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:02	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:02	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 19:02	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:02	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 19:02	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 19:02	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 19:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:02	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:02	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>3.6</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 19:02	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 19:02	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 19:02	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 19:02	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 19:02	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E06\_1114**

**Lab Sample ID: 480-71259-12**

**Date Collected: 11/11/14 12:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 19:02	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 19:02	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 19:02	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:02	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 19:02	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:02	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:02	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:02	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:02	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 19:02	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:02	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:02	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:02	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 19:02	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 19:02	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 19:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 19:02	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:02	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:02	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 19:02	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 19:02	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		52 - 132	11/14/14 08:23	11/25/14 19:02	1
2-Fluorobiphenyl	80		48 - 120	11/14/14 08:23	11/25/14 19:02	1
2-Fluorophenol	93		20 - 120	11/14/14 08:23	11/25/14 19:02	1
Nitrobenzene-d5	89		46 - 120	11/14/14 08:23	11/25/14 19:02	1
Phenol-d5	64		16 - 120	11/14/14 08:23	11/25/14 19:02	1
p-Terphenyl-d14	72		67 - 150	11/14/14 08:23	11/25/14 19:02	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		11/14/14 08:11	11/17/14 20:31	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:31	1
Arsenic	0.036		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:31	1
Barium	0.028		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:31	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:31	1
Cadmium	0.0013	J	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:31	1
Calcium	304		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:31	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:31	1
Cobalt	0.018		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:31	1
Copper	0.0046	J	0.010	0.0016	mg/L		11/14/14 08:11	11/24/14 16:25	1
Iron	89.3	^	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:31	1
Lead	0.0086	J	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:31	1
Magnesium	18.4		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:31	1
Manganese	1.4		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:31	1
Nickel	0.023		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:31	1
Potassium	5.5	B	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:31	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:31	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E06\_1114**

**Lab Sample ID: 480-71259-12**

**Date Collected: 11/11/14 12:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:31	1
<b>Sodium</b>	<b>44.8</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:31	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:31	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:31	1
<b>Zinc</b>	<b>1.3</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:31	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:33	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E07\_1114**

**Lab Sample ID: 480-71259-13**

**Date Collected: 11/11/14 12:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 22:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 22:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 22:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 22:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 22:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 22:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 22:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 22:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 22:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 22:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 22:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 22:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 22:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 22:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 22:29	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 22:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 22:29	1
Acetone	ND		10	3.0	ug/L			11/19/14 22:29	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 22:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 22:29	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 22:29	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 22:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 22:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 22:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 22:29	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 22:29	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 22:29	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 22:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 22:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 22:29	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 22:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 22:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 22:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 22:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 22:29	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 22:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 22:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 22:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 22:29	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 22:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 22:29	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 22:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 22:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 22:29	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 22:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 22:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 22:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 22:29	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E07\_1114**

**Lab Sample ID: 480-71259-13**

**Date Collected: 11/11/14 12:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		11/19/14 22:29	1
4-Bromofluorobenzene (Surr)	97		73 - 120		11/19/14 22:29	1
Toluene-d8 (Surr)	97		71 - 126		11/19/14 22:29	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		11/14/14 08:23	11/25/14 19:28	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 19:28	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:28	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 19:28	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:28	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:28	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:28	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 19:28	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 19:28	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 19:28	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:28	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 19:28	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 19:28	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:28	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 19:28	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:28	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:28	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:28	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:28	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:28	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 19:28	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 19:28	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Acenaphthene</b>	<b>15</b>		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 19:28	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 19:28	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 19:28	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Anthracene</b>	<b>1.4 J</b>		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 19:28	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Benzaldehyde</b>	<b>1.5 J B *</b>		5.0	0.27	ug/L		11/14/14 08:23	11/25/14 19:28	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:28	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:28	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		11/14/14 08:23	11/25/14 19:28	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:28	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		11/14/14 08:23	11/25/14 19:28	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 19:28	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 19:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:28	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>3.2 J B</b>		5.0	1.8	ug/L		11/14/14 08:23	11/25/14 19:28	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 19:28	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Carbazole</b>	<b>0.89 J</b>		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 19:28	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 19:28	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E07\_1114**

**Lab Sample ID: 480-71259-13**

**Date Collected: 11/11/14 12:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Dibenzofuran</b>	<b>4.2</b>	<b>J</b>	10	0.51	ug/L		11/14/14 08:23	11/25/14 19:28	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 19:28	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:28	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 19:28	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Fluoranthene</b>	<b>1.9</b>	<b>J</b>	5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Fluorene</b>	<b>8.6</b>		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:28	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:28	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 19:28	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:28	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:28	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:28	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 19:28	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 19:28	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 19:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 19:28	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:28	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:28	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 19:28	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 19:28	1
<b>Pyrene</b>	<b>1.1</b>	<b>J</b>	5.0	0.34	ug/L		11/14/14 08:23	11/25/14 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	89		52 - 132	11/14/14 08:23	11/25/14 19:28	1
<i>2-Fluorobiphenyl</i>	76		48 - 120	11/14/14 08:23	11/25/14 19:28	1
<i>2-Fluorophenol</i>	77		20 - 120	11/14/14 08:23	11/25/14 19:28	1
<i>Nitrobenzene-d5</i>	82		46 - 120	11/14/14 08:23	11/25/14 19:28	1
<i>Phenol-d5</i>	53		16 - 120	11/14/14 08:23	11/25/14 19:28	1
<i>p-Terphenyl-d14</i>	70		67 - 150	11/14/14 08:23	11/25/14 19:28	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>0.093</b>	<b>J</b>	0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:34	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Arsenic</b>	<b>0.068</b>		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Barium</b>	<b>0.018</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:34	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Cadmium</b>	<b>0.0012</b>	<b>J</b>	0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Calcium</b>	<b>155</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:34	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Cobalt</b>	<b>0.0054</b>		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Copper</b>	<b>0.0076</b>	<b>J</b>	0.010	0.0016	mg/L		11/14/14 08:11	11/19/14 19:22	1
<b>Iron</b>	<b>79.7</b>	<b>^</b>	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Lead</b>	<b>0.015</b>		0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Magnesium</b>	<b>16.9</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Manganese</b>	<b>0.27</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Nickel</b>	<b>0.0068</b>	<b>J</b>	0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Potassium</b>	<b>12.5</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:34	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:34	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E07\_1114**

**Lab Sample ID: 480-71259-13**

**Date Collected: 11/11/14 12:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Sodium</b>	<b>23.3</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:34	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:34	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:34	1
<b>Zinc</b>	<b>0.067</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:34	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:35	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R11 D\_1114**

**Lab Sample ID: 480-71259-14**

**Date Collected: 11/10/14 12:10**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 22:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 22:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 22:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 22:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 22:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 22:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 22:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 22:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 22:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 22:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 22:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 22:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 22:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 22:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 22:54	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 22:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 22:54	1
<b>Acetone</b>	<b>8.8</b>	<b>J</b>	10	3.0	ug/L			11/19/14 22:54	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 22:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 22:54	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 22:54	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 22:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 22:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 22:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 22:54	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 22:54	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 22:54	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 22:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 22:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 22:54	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 22:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 22:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 22:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 22:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 22:54	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 22:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 22:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 22:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 22:54	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 22:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 22:54	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 22:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 22:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 22:54	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 22:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 22:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 22:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 22:54	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R11 D\_1114**

**Lab Sample ID: 480-71259-14**

**Date Collected: 11/10/14 12:10**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		11/19/14 22:54	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/19/14 22:54	1
Toluene-d8 (Surr)	100		71 - 126		11/19/14 22:54	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 19:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 19:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 19:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 19:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 19:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 19:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:54	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 19:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 19:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:54	1
3-Nitroaniline	ND	*	10	0.48	ug/L		11/14/14 08:23	11/25/14 19:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 19:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:54	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 19:54	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 19:54	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 19:54	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 19:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 19:54	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 19:54	1
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 19:54	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 19:54	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 19:54	1
<b>Benzaldehyde</b>	<b>1.5</b>	<b>J B *</b>	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 19:54	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:54	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:54	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		11/14/14 08:23	11/25/14 19:54	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:54	1
Benzo(k)fluoranthene	ND	*	5.0	0.73	ug/L		11/14/14 08:23	11/25/14 19:54	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 19:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 19:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 19:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:54	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>3.5</b>	<b>J B</b>	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 19:54	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 19:54	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 19:54	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 19:54	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 19:54	1

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R11 D\_1114**

**Lab Sample ID: 480-71259-14**

**Date Collected: 11/10/14 12:10**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		11/14/14 08:23	11/25/14 19:54	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 19:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 19:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 08:23	11/25/14 19:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:54	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 19:54	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 19:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 19:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 19:54	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 08:23	11/25/14 19:54	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 19:54	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 19:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 19:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 19:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 19:54	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 19:54	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 19:54	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 19:54	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		52 - 132	11/14/14 08:23	11/25/14 19:54	1
2-Fluorobiphenyl	87		48 - 120	11/14/14 08:23	11/25/14 19:54	1
2-Fluorophenol	98		20 - 120	11/14/14 08:23	11/25/14 19:54	1
Nitrobenzene-d5	97		46 - 120	11/14/14 08:23	11/25/14 19:54	1
Phenol-d5	68		16 - 120	11/14/14 08:23	11/25/14 19:54	1
p-Terphenyl-d14	83		67 - 150	11/14/14 08:23	11/25/14 19:54	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 20:37	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Arsenic</b>	<b>0.0078</b>	<b>J</b>	0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Barium</b>	<b>0.13</b>		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 20:37	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 20:37	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Calcium</b>	<b>70.0</b>		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:37	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 20:37	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 20:37	1
Copper	ND	^	0.010	0.0016	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Iron</b>	<b>6.0</b>	<b>^</b>	0.050	0.019	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Lead</b>	<b>0.0033</b>	<b>J</b>	0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Magnesium</b>	<b>22.1</b>		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Manganese</b>	<b>0.038</b>		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 20:37	1
Nickel	ND		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Potassium</b>	<b>6.2</b>	<b>B</b>	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 20:37	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 20:37	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R11 D\_1114**

**Lab Sample ID: 480-71259-14**

**Date Collected: 11/10/14 12:10**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

**Method: 6010C - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Sodium</b>	<b>26.0</b>		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 20:37	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 20:37	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 20:37	1
<b>Zinc</b>	<b>0.99</b>	<b>B</b>	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 20:37	1

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 14:36	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-71259-15**

**Date Collected: 11/10/14 00:00**

**Matrix: Water**

**Date Received: 11/12/14 16:15**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 23:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 23:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 23:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 23:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 23:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 23:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 23:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 23:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 23:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 23:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 23:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 23:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 23:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 23:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 23:19	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 23:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 23:19	1
Acetone	ND		10	3.0	ug/L			11/19/14 23:19	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 23:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 23:19	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 23:19	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 23:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 23:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 23:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 23:19	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 23:19	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 23:19	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 23:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 23:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 23:19	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 23:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 23:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 23:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 23:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 23:19	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 23:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 23:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 23:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 23:19	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 23:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 23:19	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 23:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 23:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 23:19	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 23:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 23:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 23:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 23:19	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-71259-15**

**Date Collected: 11/10/14 00:00**

**Matrix: Water**

**Date Received: 11/12/14 16:15**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		11/19/14 23:19	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/19/14 23:19	1
Toluene-d8 (Surr)	100		71 - 126		11/19/14 23:19	1

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-71259-1	BCC Area E R-10_1114	100	100	101
480-71259-2	BCC Area E R-11_1114	98	98	99
480-71259-2 MS	BCC Area E R-11 MS_1114	101	99	99
480-71259-2 MSD	BCC Area E R-11 MSD_1114	98	99	101
480-71259-3	BCC Area E RFI-17_1114	99	98	99
480-71259-4	BCC Area E RFI-29_1114	98	98	99
480-71259-5	BCC Area E RFI-32_1114	99	95	99
480-71259-6	BCC Area E RFI-33_1114	102	98	100
480-71259-7	BCC Area E RFI-51_1114	99	97	99
480-71259-8	BCC Area E RFI-PZ-16_1114	100	98	101
480-71259-9	BCC Area E MW-E03_1114	102	98	100
480-71259-10	BCC Area E MW-E04_1114	104	99	102
480-71259-11	BCC Area E MW-E05_1114	102	95	98
480-71259-12	BCC Area E MW-E06_1114	103	98	99
480-71259-13	BCC Area E MW-E07_1114	102	97	97
480-71259-14	BCC Area E R11 D_1114	105	98	100

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-71259-15	TRIP BLANK	102	100	100
LCS 480-214858/6	Lab Control Sample	96	99	99
LCS 480-215039/6	Lab Control Sample	97	99	99
MB 480-214858/8	Method Blank	98	96	100
MB 480-215039/8	Method Blank	100	98	100

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-71259-1	BCC Area E R-10_1114	100	82	80	88	54	70
480-71259-2	BCC Area E R-11_1114	92	72	76	78	54	65 X
480-71259-2 MS	BCC Area E R-11 MS_1114	94	78	82	83	57	55 X
480-71259-2 MSD	BCC Area E R-11 MSD_1114	96	80	92	93	65	59 X
480-71259-3	BCC Area E RFI-17_1114	85	63	61	73	42	70 *

TestAmerica Buffalo

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-71259-4	BCC Area E RFI-29_1114	100	79	88	85	72	82
480-71259-5	BCC Area E RFI-32_1114	103	81	100	90	67	66 X
480-71259-6	BCC Area E RFI-33_1114	92	80	89	88	62	73
480-71259-7	BCC Area E RFI-51_1114	98	86	95	93	64	79
480-71259-8	BCC Area E RFI-PZ-16_1114	100	77	72	81	50	78
480-71259-9	BCC Area E MW-E03_1114	95	77	76	82	54	81
480-71259-10	BCC Area E MW-E04_1114	98	75	82	83	59	71
480-71259-10 - DL	BCC Area E MW-E04_1114	157 X	81	48	78	54	76
480-71259-11	BCC Area E MW-E05_1114	87	73	76	80	56	75
480-71259-12	BCC Area E MW-E06_1114	99	80	93	89	64	72
480-71259-13	BCC Area E MW-E07_1114	89	76	77	82	53	70
480-71259-14	BCC Area E R11 D_1114	108	87	98	97	68	83

### Surrogate Legend

TBP = 2,4,6-Tribromophenol  
FBP = 2-Fluorobiphenyl  
2FP = 2-Fluorophenol  
NBZ = Nitrobenzene-d5  
PHL = Phenol-d5  
TPH = p-Terphenyl-d14

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-214073/2-A	Lab Control Sample	96	84	96	94	70	86
MB 480-214073/1-A	Method Blank	85	85	117	99	88	90

### Surrogate Legend

TBP = 2,4,6-Tribromophenol  
FBP = 2-Fluorobiphenyl  
2FP = 2-Fluorophenol  
NBZ = Nitrobenzene-d5  
PHL = Phenol-d5  
TPH = p-Terphenyl-d14

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-214858/8**

**Matrix: Water**

**Analysis Batch: 214858**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/14 15:37	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/14 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/14 15:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/14 15:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/14 15:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/14 15:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/14 15:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/14 15:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/14 15:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/14 15:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/14 15:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/14 15:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/14 15:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/14 15:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/14 15:37	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/14 15:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/14 15:37	1
Acetone	ND		10	3.0	ug/L			11/19/14 15:37	1
Benzene	ND		1.0	0.41	ug/L			11/19/14 15:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/14 15:37	1
Bromoform	ND		1.0	0.26	ug/L			11/19/14 15:37	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/14 15:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/14 15:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/14 15:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/14 15:37	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/14 15:37	1
Chloroform	ND		1.0	0.34	ug/L			11/19/14 15:37	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/14 15:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/14 15:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/14 15:37	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/14 15:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/14 15:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/14 15:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/14 15:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/14 15:37	1
Methyl acetate	ND		2.5	0.50	ug/L			11/19/14 15:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/14 15:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/14 15:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/14 15:37	1
Styrene	ND		1.0	0.73	ug/L			11/19/14 15:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/14 15:37	1
Toluene	ND		1.0	0.51	ug/L			11/19/14 15:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/14 15:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/14 15:37	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/14 15:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/14 15:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/14 15:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/14 15:37	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-214858/8**

**Matrix: Water**

**Analysis Batch: 214858**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		11/19/14 15:37	1
4-Bromofluorobenzene (Surr)	96		73 - 120		11/19/14 15:37	1
Toluene-d8 (Surr)	100		71 - 126		11/19/14 15:37	1

**Lab Sample ID: LCS 480-214858/6**

**Matrix: Water**

**Analysis Batch: 214858**

**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	26.1		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.3		ug/L		105	52 - 148
1,1,2-Trichloroethane	25.0	25.6		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	25.4		ug/L		101	71 - 129
1,1-Dichloroethene	25.0	26.8		ug/L		107	58 - 121
1,2,4-Trichlorobenzene	25.0	25.9		ug/L		103	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.4		ug/L		94	56 - 134
1,2-Dibromoethane	25.0	27.2		ug/L		109	77 - 120
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 127
1,2-Dichloropropane	25.0	26.0		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	25.0		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	75 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	139		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	71 - 125
Acetone	125	123		ug/L		98	56 - 142
Benzene	25.0	24.9		ug/L		99	71 - 124
Bromodichloromethane	25.0	27.5		ug/L		110	80 - 122
Bromoform	25.0	23.3		ug/L		93	52 - 132
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	28.0		ug/L		112	59 - 134
Carbon tetrachloride	25.0	23.9		ug/L		95	72 - 134
Chlorobenzene	25.0	24.6		ug/L		99	72 - 120
Chloroethane	25.0	24.6		ug/L		98	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	24.8		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	28.7		ug/L		115	74 - 124
Cyclohexane	25.0	27.2		ug/L		109	59 - 135
Dibromochloromethane	25.0	23.3		ug/L		93	75 - 125
Dichlorodifluoromethane	25.0	24.8		ug/L		99	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	25.0	26.9		ug/L		108	77 - 122
Methyl acetate	125	133		ug/L		107	74 - 133
Methyl tert-butyl ether	25.0	26.6		ug/L		106	64 - 127
Methylcyclohexane	25.0	26.9		ug/L		108	61 - 138

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-214858/6**

**Matrix: Water**

**Analysis Batch: 214858**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.6		ug/L		98	57 - 132
Styrene	25.0	26.6		ug/L		107	70 - 130
Tetrachloroethene	25.0	24.9		ug/L		100	74 - 122
Toluene	25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	26.1		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	72 - 123
Trichloroethene	25.0	24.8		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	24.5		ug/L		98	62 - 152
Vinyl chloride	25.0	24.8		ug/L		99	65 - 133
Xylenes, Total	50.0	52.4		ug/L		105	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	99		71 - 126

**Lab Sample ID: 480-71259-2 MS**

**Matrix: Ground Water**

**Analysis Batch: 214858**

**Client Sample ID: BCC Area E R-11 MS\_1114**

**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	31.1		ug/L		124	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	28.5		ug/L		114	70 - 126
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.5		ug/L		122	52 - 148
1,1,2-Trichloroethane	ND		25.0	27.8		ug/L		111	76 - 122
1,1-Dichloroethane	ND		25.0	29.0		ug/L		116	71 - 129
1,1-Dichloroethene	ND		25.0	30.9	F1	ug/L		124	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	29.7		ug/L		119	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	25.9		ug/L		104	56 - 134
1,2-Dibromoethane	ND		25.0	29.1		ug/L		116	77 - 120
1,2-Dichlorobenzene	ND		25.0	27.5		ug/L		110	80 - 124
1,2-Dichloroethane	ND		25.0	26.8		ug/L		107	75 - 127
1,2-Dichloropropane	ND		25.0	29.4		ug/L		118	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.7		ug/L		111	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.1		ug/L		108	75 - 120
2-Butanone (MEK)	ND		125	135		ug/L		108	57 - 140
2-Hexanone	ND		125	149		ug/L		120	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	146		ug/L		117	71 - 125
Acetone	8.6	J	125	126		ug/L		94	56 - 142
Benzene	ND		25.0	28.5		ug/L		114	71 - 124
Bromodichloromethane	ND		25.0	32.3	F1	ug/L		129	80 - 122
Bromoform	ND		25.0	24.7		ug/L		99	52 - 132
Bromomethane	ND		25.0	36.4	F1	ug/L		146	55 - 144
Carbon disulfide	ND		25.0	33.6		ug/L		134	59 - 134
Carbon tetrachloride	ND		25.0	28.7		ug/L		115	72 - 134
Chlorobenzene	ND		25.0	27.6		ug/L		110	72 - 120
Chloroethane	ND		25.0	31.2		ug/L		125	69 - 136

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-71259-2 MS**

**Matrix: Ground Water**

**Analysis Batch: 214858**

**Client Sample ID: BCC Area E R-11 MS\_1114**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloroform	ND		25.0	28.0		ug/L		112	73 - 127
Chloromethane	ND		25.0	28.9		ug/L		116	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.6		ug/L		118	74 - 124
cis-1,3-Dichloropropene	ND		25.0	30.6		ug/L		122	74 - 124
Cyclohexane	ND		25.0	30.4		ug/L		121	59 - 135
Dibromochloromethane	ND		25.0	25.8		ug/L		103	75 - 125
Dichlorodifluoromethane	ND		25.0	30.4		ug/L		122	59 - 135
Ethylbenzene	ND		25.0	28.8		ug/L		115	77 - 123
Isopropylbenzene	ND		25.0	30.2		ug/L		121	77 - 122
Methyl acetate	ND		125	131		ug/L		105	74 - 133
Methyl tert-butyl ether	ND		25.0	27.4		ug/L		110	64 - 127
Methylcyclohexane	ND		25.0	29.7		ug/L		119	61 - 138
Methylene Chloride	ND		25.0	27.2		ug/L		109	57 - 132
Styrene	ND		25.0	29.1		ug/L		116	70 - 130
Tetrachloroethene	ND		25.0	29.1		ug/L		116	74 - 122
Toluene	ND		25.0	28.6		ug/L		114	80 - 122
trans-1,2-Dichloroethene	ND		25.0	29.9		ug/L		120	73 - 127
trans-1,3-Dichloropropene	ND		25.0	26.0		ug/L		104	72 - 123
Trichloroethene	ND		25.0	29.4		ug/L		118	74 - 123
Trichlorofluoromethane	ND		25.0	30.7		ug/L		123	62 - 152
Vinyl chloride	ND		25.0	29.6		ug/L		118	65 - 133
Xylenes, Total	ND		50.0	58.7		ug/L		117	76 - 122

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	99		71 - 126

**Lab Sample ID: 480-71259-2 MSD**

**Matrix: Ground Water**

**Analysis Batch: 214858**

**Client Sample ID: BCC Area E R-11 MSD\_1114**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	31.5		ug/L		126	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	30.7		ug/L		123	70 - 126	7	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.7		ug/L		119	52 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	29.6		ug/L		118	76 - 122	6	15
1,1-Dichloroethane	ND		25.0	29.5		ug/L		118	71 - 129	2	20
1,1-Dichloroethene	ND		25.0	30.9	F1	ug/L		124	58 - 121	0	16
1,2,4-Trichlorobenzene	ND		25.0	31.1	F1	ug/L		124	70 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.8		ug/L		111	56 - 134	7	15
1,2-Dibromoethane	ND		25.0	31.0	F1	ug/L		124	77 - 120	6	15
1,2-Dichlorobenzene	ND		25.0	28.9		ug/L		116	80 - 124	5	20
1,2-Dichloroethane	ND		25.0	27.1		ug/L		108	75 - 127	1	20
1,2-Dichloropropane	ND		25.0	30.3	F1	ug/L		121	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	29.1		ug/L		116	77 - 120	5	20
1,4-Dichlorobenzene	ND		25.0	28.3		ug/L		113	75 - 120	4	20

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-71259-2 MSD**

**Matrix: Ground Water**

**Analysis Batch: 214858**

**Client Sample ID: BCC Area E R-11 MSD\_1114**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2-Butanone (MEK)	ND		125	146		ug/L		117	57 - 140	8	20
2-Hexanone	ND		125	164	F1	ug/L		131	65 - 127	9	15
4-Methyl-2-pentanone (MIBK)	ND		125	161	F1	ug/L		129	71 - 125	10	35
Acetone	8.6	J	125	134		ug/L		100	56 - 142	6	15
Benzene	ND		25.0	29.2		ug/L		117	71 - 124	2	13
Bromodichloromethane	ND		25.0	33.3	F1	ug/L		133	80 - 122	3	15
Bromoform	ND		25.0	26.4		ug/L		106	52 - 132	7	15
Bromomethane	ND		25.0	30.8	F2	ug/L		123	55 - 144	17	15
Carbon disulfide	ND		25.0	33.7	F1	ug/L		135	59 - 134	0	15
Carbon tetrachloride	ND		25.0	29.5		ug/L		118	72 - 134	3	15
Chlorobenzene	ND		25.0	29.2		ug/L		117	72 - 120	6	25
Chloroethane	ND		25.0	29.3		ug/L		117	69 - 136	6	15
Chloroform	ND		25.0	28.5		ug/L		114	73 - 127	2	20
Chloromethane	ND		25.0	27.4		ug/L		110	68 - 124	5	15
cis-1,2-Dichloroethene	ND		25.0	29.9		ug/L		120	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	32.0	F1	ug/L		128	74 - 124	5	15
Cyclohexane	ND		25.0	30.8		ug/L		123	59 - 135	1	20
Dibromochloromethane	ND		25.0	27.7		ug/L		111	75 - 125	7	15
Dichlorodifluoromethane	ND		25.0	28.6		ug/L		114	59 - 135	6	20
Ethylbenzene	ND		25.0	30.2		ug/L		121	77 - 123	5	15
Isopropylbenzene	ND		25.0	31.9	F1	ug/L		128	77 - 122	5	20
Methyl acetate	ND		125	138		ug/L		110	74 - 133	5	20
Methyl tert-butyl ether	ND		25.0	28.9		ug/L		115	64 - 127	5	37
Methylcyclohexane	ND		25.0	30.3		ug/L		121	61 - 138	2	20
Methylene Chloride	ND		25.0	27.5		ug/L		110	57 - 132	1	15
Styrene	ND		25.0	30.6		ug/L		122	70 - 130	5	20
Tetrachloroethene	ND		25.0	30.4		ug/L		122	74 - 122	4	20
Toluene	ND		25.0	30.3		ug/L		121	80 - 122	6	15
trans-1,2-Dichloroethene	ND		25.0	30.3		ug/L		121	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	27.7		ug/L		111	72 - 123	6	15
Trichloroethene	ND		25.0	29.7		ug/L		119	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	28.8		ug/L		115	62 - 152	6	20
Vinyl chloride	ND		25.0	28.1		ug/L		112	65 - 133	5	15
Xylenes, Total	ND		50.0	61.7	F1	ug/L		123	76 - 122	5	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	101		71 - 126

**Lab Sample ID: MB 480-215039/8**

**Matrix: Water**

**Analysis Batch: 215039**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/20/14 13:33	1
1,1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/20/14 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/20/14 13:33	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-215039/8

Matrix: Water

Analysis Batch: 215039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/20/14 13:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/20/14 13:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/20/14 13:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/20/14 13:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/20/14 13:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/20/14 13:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/20/14 13:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/20/14 13:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/20/14 13:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/20/14 13:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/20/14 13:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/20/14 13:33	1
2-Hexanone	ND		5.0	1.2	ug/L			11/20/14 13:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/20/14 13:33	1
Acetone	ND		10	3.0	ug/L			11/20/14 13:33	1
Benzene	ND		1.0	0.41	ug/L			11/20/14 13:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/20/14 13:33	1
Bromoform	ND		1.0	0.26	ug/L			11/20/14 13:33	1
Bromomethane	ND		1.0	0.69	ug/L			11/20/14 13:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/20/14 13:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/20/14 13:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/20/14 13:33	1
Chloroethane	ND		1.0	0.32	ug/L			11/20/14 13:33	1
Chloroform	ND		1.0	0.34	ug/L			11/20/14 13:33	1
Chloromethane	ND		1.0	0.35	ug/L			11/20/14 13:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/20/14 13:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/20/14 13:33	1
Cyclohexane	ND		1.0	0.18	ug/L			11/20/14 13:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/20/14 13:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/20/14 13:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/20/14 13:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/20/14 13:33	1
Methyl acetate	ND		2.5	0.50	ug/L			11/20/14 13:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/20/14 13:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/20/14 13:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/20/14 13:33	1
Styrene	ND		1.0	0.73	ug/L			11/20/14 13:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/20/14 13:33	1
Toluene	ND		1.0	0.51	ug/L			11/20/14 13:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/20/14 13:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/20/14 13:33	1
Trichloroethene	ND		1.0	0.46	ug/L			11/20/14 13:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/20/14 13:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/20/14 13:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/20/14 13:33	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		11/20/14 13:33	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-215039/8**

**Matrix: Water**

**Analysis Batch: 215039**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	98		73 - 120		11/20/14 13:33	1
Toluene-d8 (Surr)	100		71 - 126		11/20/14 13:33	1

**Lab Sample ID: LCS 480-215039/6**

**Matrix: Water**

**Analysis Batch: 215039**

**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	26.3		ug/L		105	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.7		ug/L		107	52 - 148
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	25.8		ug/L		103	71 - 129
1,1-Dichloroethene	25.0	26.8		ug/L		107	58 - 121
1,2,4-Trichlorobenzene	25.0	25.5		ug/L		102	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	27.4		ug/L		110	77 - 120
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	75 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	142		ug/L		114	65 - 127
4-Methyl-2-pentanone (MIBK)	125	139		ug/L		111	71 - 125
Acetone	125	134		ug/L		107	56 - 142
Benzene	25.0	24.9		ug/L		99	71 - 124
Bromodichloromethane	25.0	28.3		ug/L		113	80 - 122
Bromoform	25.0	23.6		ug/L		95	52 - 132
Bromomethane	25.0	24.1		ug/L		96	55 - 144
Carbon disulfide	25.0	28.6		ug/L		114	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	24.8		ug/L		99	72 - 120
Chloroethane	25.0	25.5		ug/L		102	69 - 136
Chloroform	25.0	24.6		ug/L		98	73 - 127
Chloromethane	25.0	25.0		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	74 - 124
cis-1,3-Dichloropropene	25.0	27.9		ug/L		112	74 - 124
Cyclohexane	25.0	27.2		ug/L		109	59 - 135
Dibromochloromethane	25.0	23.6		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	24.9		ug/L		100	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
Isopropylbenzene	25.0	26.3		ug/L		105	77 - 122
Methyl acetate	125	133		ug/L		106	74 - 133
Methyl tert-butyl ether	25.0	26.8		ug/L		107	64 - 127
Methylcyclohexane	25.0	27.4		ug/L		110	61 - 138
Methylene Chloride	25.0	24.7		ug/L		99	57 - 132

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-215039/6**

**Matrix: Water**

**Analysis Batch: 215039**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	25.0	26.8		ug/L		107	70 - 130
Tetrachloroethene	25.0	25.5		ug/L		102	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	26.5		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	72 - 123
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	25.3		ug/L		101	62 - 152
Vinyl chloride	25.0	25.3		ug/L		101	65 - 133
Xylenes, Total	50.0	53.0		ug/L		106	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	99		71 - 126

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 480-214073/1-A**

**Matrix: Water**

**Analysis Batch: 215790**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 11:31	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 08:23	11/25/14 11:31	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 11:31	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 08:23	11/25/14 11:31	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 11:31	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 11:31	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 11:31	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 11:31	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 08:23	11/25/14 11:31	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 08:23	11/25/14 11:31	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 11:31	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 08:23	11/25/14 11:31	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 08:23	11/25/14 11:31	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 11:31	1
3-Nitroaniline	ND		10	0.48	ug/L		11/14/14 08:23	11/25/14 11:31	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 11:31	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 11:31	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 08:23	11/25/14 11:31	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 11:31	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 11:31	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 08:23	11/25/14 11:31	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 08:23	11/25/14 11:31	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 08:23	11/25/14 11:31	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 08:23	11/25/14 11:31	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 08:23	11/25/14 11:31	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 11:31	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-214073/1-A

Matrix: Water

Analysis Batch: 215790

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 214073

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aniline	ND		10	0.61	ug/L		11/14/14 08:23	11/25/14 11:31	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 08:23	11/25/14 11:31	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 08:23	11/25/14 11:31	1
Benzaldehyde	1.47	J	5.0	0.27	ug/L		11/14/14 08:23	11/25/14 11:31	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 11:31	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 11:31	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 11:31	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 11:31	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 08:23	11/25/14 11:31	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 08:23	11/25/14 11:31	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 08:23	11/25/14 11:31	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 08:23	11/25/14 11:31	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 11:31	1
Bis(2-ethylhexyl) phthalate	2.64	J	5.0	1.8	ug/L		11/14/14 08:23	11/25/14 11:31	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 11:31	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 08:23	11/25/14 11:31	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 08:23	11/25/14 11:31	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 08:23	11/25/14 11:31	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 08:23	11/25/14 11:31	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 08:23	11/25/14 11:31	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 08:23	11/25/14 11:31	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 11:31	1
Di-n-butyl phthalate	0.320	J	5.0	0.31	ug/L		11/14/14 08:23	11/25/14 11:31	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 11:31	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 08:23	11/25/14 11:31	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 08:23	11/25/14 11:31	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 11:31	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 08:23	11/25/14 11:31	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 11:31	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 08:23	11/25/14 11:31	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 08:23	11/25/14 11:31	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 08:23	11/25/14 11:31	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 08:23	11/25/14 11:31	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 08:23	11/25/14 11:31	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 08:23	11/25/14 11:31	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 08:23	11/25/14 11:31	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 08:23	11/25/14 11:31	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 08:23	11/25/14 11:31	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 08:23	11/25/14 11:31	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 08:23	11/25/14 11:31	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	85		52 - 132	11/14/14 08:23	11/25/14 11:31	1
2-Fluorobiphenyl	85		48 - 120	11/14/14 08:23	11/25/14 11:31	1
2-Fluorophenol	117		20 - 120	11/14/14 08:23	11/25/14 11:31	1
Nitrobenzene-d5	99		46 - 120	11/14/14 08:23	11/25/14 11:31	1
Phenol-d5	88		16 - 120	11/14/14 08:23	11/25/14 11:31	1
p-Terphenyl-d14	90		67 - 150	11/14/14 08:23	11/25/14 11:31	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-214073/2-A**

**Matrix: Water**

**Analysis Batch: 215790**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	16.6		ug/L		104	65 - 126
2,4,6-Trichlorophenol	16.0	15.8		ug/L		99	64 - 120
2,4-Dichlorophenol	16.0	14.5		ug/L		91	64 - 120
2,4-Dimethylphenol	16.0	14.0		ug/L		87	57 - 120
2,4-Dinitrophenol	32.0	31.8		ug/L		99	42 - 153
2,4-Dinitrotoluene	16.0	15.0		ug/L		93	65 - 154
2,6-Dinitrotoluene	16.0	14.6		ug/L		91	74 - 134
2-Chloronaphthalene	16.0	14.3		ug/L		90	41 - 124
2-Chlorophenol	16.0	15.1		ug/L		95	48 - 120
2-Methylnaphthalene	16.0	13.1		ug/L		82	34 - 122
2-Methylphenol	16.0	14.9		ug/L		93	39 - 120
2-Nitroaniline	16.0	13.9		ug/L		87	67 - 136
2-Nitrophenol	16.0	14.5		ug/L		90	59 - 120
3,3'-Dichlorobenzidine	32.0	32.6		ug/L		102	33 - 140
3-Nitroaniline	16.0	14.9	*	ug/L		93	28 - 86
4,6-Dinitro-2-methylphenol	32.0	31.7		ug/L		99	64 - 159
4-Bromophenyl phenyl ether	16.0	14.2		ug/L		88	71 - 126
4-Chloro-3-methylphenol	16.0	14.2		ug/L		89	64 - 120
4-Chloroaniline	16.0	9.03		ug/L		56	10 - 77
4-Chlorophenyl phenyl ether	16.0	14.4		ug/L		90	71 - 122
4-Methylphenol	16.0	14.1		ug/L		88	39 - 120
4-Nitroaniline	16.0	17.3		ug/L		108	47 - 113
4-Nitrophenol	32.0	20.3		ug/L		63	16 - 120
Acenaphthene	16.0	13.7		ug/L		86	60 - 120
Acenaphthylene	16.0	14.2		ug/L		89	63 - 120
Acetophenone	16.0	14.1		ug/L		88	45 - 120
Aniline	16.0	11.5		ug/L		72	37 - 120
Anthracene	16.0	14.5		ug/L		91	58 - 148
Atrazine	32.0	33.4		ug/L		104	56 - 179
Benzaldehyde	32.0	51.9	E *	ug/L		162	30 - 140
Benzo(a)anthracene	16.0	14.2		ug/L		89	55 - 151
Benzo(a)pyrene	16.0	13.7		ug/L		86	60 - 145
Benzo(b)fluoranthene	16.0	14.5		ug/L		91	54 - 140
Benzo(g,h,i)perylene	16.0	11.3		ug/L		70	66 - 152
Benzo(k)fluoranthene	16.0	14.0		ug/L		87	51 - 153
Biphenyl	16.0	14.3		ug/L		89	30 - 140
bis (2-chloroisopropyl) ether	16.0	11.9		ug/L		74	28 - 136
Bis(2-chloroethoxy)methane	16.0	12.8		ug/L		80	50 - 128
Bis(2-chloroethyl)ether	16.0	13.0		ug/L		81	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	17.1		ug/L		107	53 - 158
Butyl benzyl phthalate	16.0	14.9		ug/L		93	58 - 163
Caprolactam	32.0	10.6		ug/L		33	14 - 56
Carbazole	16.0	22.6		ug/L		141	59 - 148
Chrysene	16.0	14.2		ug/L		89	69 - 140
Dibenz(a,h)anthracene	16.0	11.7		ug/L		73	57 - 148
Dibenzofuran	16.0	13.7		ug/L		86	49 - 137
Diethyl phthalate	16.0	14.7		ug/L		92	59 - 146
Dimethyl phthalate	16.0	14.4		ug/L		90	59 - 141

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-214073/2-A**

**Matrix: Water**

**Analysis Batch: 215790**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Di-n-butyl phthalate	16.0	15.8		ug/L		99	58 - 149	
Di-n-octyl phthalate	16.0	15.2		ug/L		95	55 - 167	
Fluoranthene	16.0	15.1		ug/L		94	55 - 147	
Fluorene	16.0	14.1		ug/L		88	55 - 143	
Hexachlorobenzene	16.0	14.5		ug/L		90	14 - 108	
Hexachlorobutadiene	16.0	13.4		ug/L		83	14 - 108	
Hexachlorocyclopentadiene	16.0	10.7		ug/L		67	13 - 119	
Hexachloroethane	16.0	12.0		ug/L		75	14 - 101	
Indeno(1,2,3-cd)pyrene	16.0	11.9		ug/L		74	69 - 146	
Isophorone	16.0	12.8		ug/L		80	48 - 133	
Naphthalene	16.0	13.6		ug/L		85	35 - 117	
Nitrobenzene	16.0	14.4		ug/L		90	45 - 123	
N-Nitrosodi-n-propylamine	16.0	13.7		ug/L		86	56 - 120	
N-Nitrosodiphenylamine	32.0	28.7		ug/L		90	25 - 125	
Pentachlorophenol	32.0	27.6		ug/L		86	39 - 136	
Phenanthrene	16.0	14.5		ug/L		90	57 - 147	
Phenol	16.0	11.3		ug/L		71	17 - 120	
Pyrene	16.0	14.7		ug/L		92	58 - 136	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol	96		20 - 120
Nitrobenzene-d5	94		46 - 120
Phenol-d5	70		16 - 120
p-Terphenyl-d14	86		67 - 150

**Lab Sample ID: 480-71259-2 MS**

**Matrix: Ground Water**

**Analysis Batch: 215790**

**Client Sample ID: BCC Area E R-11 MS\_1114**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier					
2,4,5-Trichlorophenol	ND		16.0	16.3		ug/L		102	65 - 126	
2,4,6-Trichlorophenol	ND		16.0	14.5		ug/L		91	64 - 120	
2,4-Dichlorophenol	ND		16.0	12.8		ug/L		80	64 - 120	
2,4-Dimethylphenol	ND		16.0	13.3		ug/L		83	57 - 120	
2,4-Dinitrophenol	ND		32.0	32.3		ug/L		101	42 - 153	
2,4-Dinitrotoluene	ND		16.0	13.9		ug/L		87	62 - 148	
2,6-Dinitrotoluene	ND		16.0	13.4		ug/L		84	65 - 154	
2-Chloronaphthalene	ND		16.0	12.9		ug/L		81	41 - 124	
2-Chlorophenol	ND		16.0	13.3		ug/L		83	48 - 120	
2-Methylnaphthalene	ND		16.0	12.0		ug/L		75	34 - 122	
2-Methylphenol	ND		16.0	13.1		ug/L		82	39 - 120	
2-Nitroaniline	ND		16.0	12.1		ug/L		76	67 - 136	
2-Nitrophenol	ND		16.0	13.0		ug/L		81	59 - 120	
3,3'-Dichlorobenzidine	ND		32.0	ND	F1	ug/L		0	33 - 140	
3-Nitroaniline	ND *		16.0	6.96	J F1	ug/L		44	69 - 129	
4,6-Dinitro-2-methylphenol	ND		32.0	30.2		ug/L		94	64 - 159	

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-71259-2 MS**

**Matrix: Ground Water**

**Analysis Batch: 215790**

**Client Sample ID: BCC Area E R-11 MS\_1114**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Bromophenyl phenyl ether	ND		16.0	12.5		ug/L		78	71 - 126
4-Chloro-3-methylphenol	ND		16.0	13.3		ug/L		83	64 - 120
4-Chloroaniline	ND		16.0	2.98	J F1	ug/L		19	60 - 124
4-Chlorophenyl phenyl ether	ND		16.0	12.9		ug/L		81	48 - 145
4-Methylphenol	ND		16.0	12.0		ug/L		75	36 - 120
4-Nitroaniline	ND		16.0	7.51	J F1	ug/L		47	64 - 135
4-Nitrophenol	ND		32.0	22.4		ug/L		70	16 - 120
Acenaphthene	ND		16.0	12.7		ug/L		79	60 - 120
Acenaphthylene	ND		16.0	12.9		ug/L		81	63 - 120
Acetophenone	ND		16.0	12.2		ug/L		76	45 - 120
Aniline	ND		16.0	4.39	J F1	ug/L		27	37 - 120
Anthracene	ND		16.0	13.2		ug/L		83	58 - 148
Atrazine	ND		32.0	17.0	F1	ug/L		53	56 - 179
Benzaldehyde	1.1	J B *	32.0	40.7		ug/L		124	30 - 140
Benzo(a)anthracene	ND		16.0	9.74		ug/L		61	55 - 151
Benzo(a)pyrene	ND		16.0	8.58	F1	ug/L		54	60 - 145
Benzo(b)fluoranthene	ND		16.0	9.84		ug/L		61	54 - 140
Benzo(g,h,i)perylene	ND		16.0	3.13	J F1	ug/L		20	66 - 152
Benzo(k)fluoranthene	ND		16.0	9.27		ug/L		58	51 - 153
Biphenyl	ND		16.0	12.9		ug/L		81	30 - 140
bis(2-chloroisopropyl) ether	ND		16.0	10.4		ug/L		65	28 - 136
Bis(2-chloroethoxy)methane	ND		16.0	11.4		ug/L		71	50 - 128
Bis(2-chloroethyl)ether	ND		16.0	11.5		ug/L		72	51 - 120
Bis(2-ethylhexyl) phthalate	2.8	J B	16.0	10.0	F1	ug/L		45	53 - 158
Butyl benzyl phthalate	ND		16.0	11.5		ug/L		72	58 - 163
Caprolactam	ND		32.0	5.82	F1	ug/L		18	30 - 140
Carbazole	ND		16.0	21.4		ug/L		134	59 - 148
Chrysene	ND		16.0	9.50	F1	ug/L		59	69 - 140
Dibenz(a,h)anthracene	ND		16.0	3.84	J F1	ug/L		24	57 - 158
Dibenzofuran	ND		16.0	12.7		ug/L		79	49 - 137
Diethyl phthalate	ND		16.0	13.5		ug/L		84	59 - 146
Dimethyl phthalate	ND		16.0	13.3		ug/L		83	59 - 141
Di-n-butyl phthalate	ND		16.0	13.4		ug/L		84	58 - 149
Di-n-octyl phthalate	ND		16.0	7.93	F1	ug/L		50	55 - 167
Fluoranthene	ND		16.0	13.0		ug/L		82	55 - 147
Fluorene	ND		16.0	13.1		ug/L		82	55 - 143
Hexachlorobenzene	ND		16.0	12.4		ug/L		77	38 - 131
Hexachlorobutadiene	ND		16.0	11.7		ug/L		73	14 - 108
Hexachlorocyclopentadiene	ND		16.0	9.95		ug/L		62	13 - 119
Hexachloroethane	ND		16.0	10.9		ug/L		68	14 - 101
Indeno(1,2,3-cd)pyrene	ND		16.0	3.98	J F1	ug/L		25	69 - 146
Isophorone	ND		16.0	11.5		ug/L		72	48 - 133
Naphthalene	ND		16.0	12.1		ug/L		76	35 - 117
Nitrobenzene	ND		16.0	12.6		ug/L		79	45 - 123
N-Nitrosodi-n-propylamine	ND		16.0	12.0		ug/L		75	56 - 120
N-Nitrosodiphenylamine	ND		32.0	26.1		ug/L		82	25 - 125
Pentachlorophenol	ND		32.0	39.3		ug/L		123	39 - 136
Phenanthrene	ND		16.0	13.2		ug/L		82	57 - 147

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-71259-2 MS**

**Matrix: Ground Water**

**Analysis Batch: 215790**

**Client Sample ID: BCC Area E R-11 MS\_1114**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Phenol	ND		16.0	9.49		ug/L		59	17 - 120
Pyrene	ND		16.0	12.0		ug/L		75	58 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	94		52 - 132
2-Fluorobiphenyl	78		48 - 120
2-Fluorophenol	82		20 - 120
Nitrobenzene-d5	83		46 - 120
Phenol-d5	57		16 - 120
p-Terphenyl-d14	55	X	67 - 150

**Lab Sample ID: 480-71259-2 MSD**

**Matrix: Ground Water**

**Analysis Batch: 216155**

**Client Sample ID: BCC Area E R-11 MSD\_1114**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
2,4,5-Trichlorophenol	ND		16.0	16.5		ug/L		103	65 - 126	1	18
2,4,6-Trichlorophenol	ND		16.0	15.6		ug/L		97	64 - 120	7	19
2,4-Dichlorophenol	ND		16.0	14.2		ug/L		89	64 - 120	10	19
2,4-Dimethylphenol	ND		16.0	14.5		ug/L		91	57 - 120	9	42
2,4-Dinitrophenol	ND		32.0	33.8		ug/L		105	42 - 153	4	22
2,4-Dinitrotoluene	ND		16.0	14.4		ug/L		90	62 - 148	4	20
2,6-Dinitrotoluene	ND		16.0	14.1		ug/L		88	65 - 154	5	15
2-Chloronaphthalene	ND		16.0	13.9		ug/L		87	41 - 124	7	21
2-Chlorophenol	ND		16.0	14.4		ug/L		90	48 - 120	8	25
2-Methylnaphthalene	ND		16.0	12.9		ug/L		80	34 - 122	7	21
2-Methylphenol	ND		16.0	14.6		ug/L		91	39 - 120	11	27
2-Nitroaniline	ND		16.0	12.4		ug/L		77	67 - 136	2	15
2-Nitrophenol	ND		16.0	14.5		ug/L		90	59 - 120	10	18
3,3'-Dichlorobenzidine	ND		32.0	ND	F1	ug/L		0	33 - 140	NC	25
3-Nitroaniline	ND	*	16.0	6.33	J F1	ug/L		40	69 - 129	10	19
4,6-Dinitro-2-methylphenol	ND		32.0	31.5		ug/L		99	64 - 159	4	15
4-Bromophenyl phenyl ether	ND		16.0	13.5		ug/L		84	71 - 126	7	15
4-Chloro-3-methylphenol	ND		16.0	14.0		ug/L		88	64 - 120	5	27
4-Chloroaniline	ND		16.0	2.23	J F1 F2	ug/L		14	60 - 124	29	22
4-Chlorophenyl phenyl ether	ND		16.0	13.4		ug/L		84	48 - 145	4	16
4-Methylphenol	ND		16.0	13.3		ug/L		83	36 - 120	10	24
4-Nitroaniline	ND		16.0	6.54	J F1	ug/L		41	64 - 135	14	24
4-Nitrophenol	ND		32.0	24.7		ug/L		77	16 - 120	10	48
Acenaphthene	ND		16.0	13.1		ug/L		82	60 - 120	3	24
Acenaphthylene	ND		16.0	13.6		ug/L		85	63 - 120	5	18
Acetophenone	ND		16.0	13.1		ug/L		82	45 - 120	7	20
Aniline	ND		16.0	4.16	J F1	ug/L		26	37 - 120	6	30
Anthracene	ND		16.0	13.8		ug/L		86	58 - 148	4	15
Atrazine	ND		32.0	13.8	F1 F2	ug/L		43	56 - 179	21	20
Benzaldehyde	1.1	J B *	32.0	42.9		ug/L		131	30 - 140	5	20
Benzo(a)anthracene	ND		16.0	10.9		ug/L		68	55 - 151	11	15
Benzo(a)pyrene	ND		16.0	9.54		ug/L		60	60 - 145	11	15

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-71259-2 MSD**

**Matrix: Ground Water**

**Analysis Batch: 216155**

**Client Sample ID: BCC Area E R-11 MSD\_1114**

**Prep Type: Total/NA**

**Prep Batch: 214073**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzo(b)fluoranthene	ND		16.0	11.2		ug/L		70	54 - 140	13	15
Benzo(g,h,i)perylene	ND		16.0	3.61	J F1	ug/L		23	66 - 152	14	15
Benzo(k)fluoranthene	ND		16.0	10.7		ug/L		67	51 - 153	15	22
Biphenyl	ND		16.0	13.7		ug/L		86	30 - 140	6	20
bis(2-chloroisopropyl) ether	ND		16.0	11.3		ug/L		70	28 - 136	8	24
Bis(2-chloroethoxy)methane	ND		16.0	12.6		ug/L		79	50 - 128	10	17
Bis(2-chloroethyl)ether	ND		16.0	12.4		ug/L		78	51 - 120	8	21
Bis(2-ethylhexyl) phthalate	2.8	J B	16.0	11.0	F1	ug/L		51	53 - 158	10	15
Butyl benzyl phthalate	ND		16.0	12.3		ug/L		77	58 - 163	7	16
Caprolactam	ND		32.0	8.91	F1 F2	ug/L		28	30 - 140	42	20
Carbazole	ND		16.0	21.7		ug/L		136	59 - 148	1	20
Chrysene	ND		16.0	10.3	F1	ug/L		64	69 - 140	8	15
Dibenz(a,h)anthracene	ND		16.0	4.34	J F1	ug/L		27	57 - 158	12	15
Dibenzofuran	ND		16.0	13.2		ug/L		82	49 - 137	4	15
Diethyl phthalate	ND		16.0	13.8		ug/L		86	59 - 146	2	15
Dimethyl phthalate	ND		16.0	13.7		ug/L		85	59 - 141	3	15
Di-n-butyl phthalate	ND		16.0	13.8		ug/L		86	58 - 149	3	15
Di-n-octyl phthalate	ND		16.0	9.03		ug/L		56	55 - 167	13	16
Fluoranthene	ND		16.0	13.4		ug/L		84	55 - 147	2	15
Fluorene	ND		16.0	13.5		ug/L		84	55 - 143	3	15
Hexachlorobenzene	ND		16.0	13.4		ug/L		84	38 - 131	8	15
Hexachlorobutadiene	ND		16.0	13.0		ug/L		81	14 - 108	10	44
Hexachlorocyclopentadiene	ND		16.0	11.8		ug/L		74	13 - 119	17	49
Hexachloroethane	ND		16.0	12.0		ug/L		75	14 - 101	10	46
Indeno(1,2,3-cd)pyrene	ND		16.0	4.43	J F1	ug/L		28	69 - 146	11	15
Isophorone	ND		16.0	12.6		ug/L		79	48 - 133	9	17
Naphthalene	ND		16.0	13.1		ug/L		82	35 - 117	8	29
Nitrobenzene	ND		16.0	14.3		ug/L		89	45 - 123	12	24
N-Nitrosodi-n-propylamine	ND		16.0	13.0		ug/L		81	56 - 120	7	31
N-Nitrosodiphenylamine	ND		32.0	27.4		ug/L		86	25 - 125	5	15
Pentachlorophenol	ND		32.0	41.5		ug/L		130	39 - 136	6	37
Phenanthrene	ND		16.0	13.6		ug/L		85	57 - 147	3	15
Phenol	ND		16.0	10.6		ug/L		66	17 - 120	11	34
Pyrene	ND		16.0	12.6		ug/L		79	58 - 136	5	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	80		48 - 120
2-Fluorophenol	92		20 - 120
Nitrobenzene-d5	93		46 - 120
Phenol-d5	65		16 - 120
p-Terphenyl-d14	59	X	67 - 150

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-213935/1-A

Matrix: Water

Analysis Batch: 214763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 213935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 08:11	11/17/14 19:29	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 08:11	11/17/14 19:29	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 08:11	11/17/14 19:29	1
Barium	ND		0.0020	0.00070	mg/L		11/14/14 08:11	11/17/14 19:29	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 08:11	11/17/14 19:29	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 08:11	11/17/14 19:29	1
Calcium	ND		0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:29	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 08:11	11/17/14 19:29	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 08:11	11/17/14 19:29	1
Copper	ND		0.010	0.0016	mg/L		11/14/14 08:11	11/17/14 19:29	1
Iron	ND		0.050	0.019	mg/L		11/14/14 08:11	11/17/14 19:29	1
Lead	ND		0.010	0.0030	mg/L		11/14/14 08:11	11/17/14 19:29	1
Magnesium	ND		0.20	0.043	mg/L		11/14/14 08:11	11/17/14 19:29	1
Manganese	ND		0.0030	0.00040	mg/L		11/14/14 08:11	11/17/14 19:29	1
Nickel	ND		0.010	0.0013	mg/L		11/14/14 08:11	11/17/14 19:29	1
Potassium	0.134	J	0.50	0.10	mg/L		11/14/14 08:11	11/17/14 19:29	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 08:11	11/17/14 19:29	1
Silver	ND		0.0060	0.0017	mg/L		11/14/14 08:11	11/17/14 19:29	1
Sodium	ND		1.0	0.32	mg/L		11/14/14 08:11	11/17/14 19:29	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 08:11	11/17/14 19:29	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 08:11	11/17/14 19:29	1
Zinc	0.00536	J	0.010	0.0015	mg/L		11/14/14 08:11	11/17/14 19:29	1

Lab Sample ID: LCS 480-213935/2-A

Matrix: Water

Analysis Batch: 214763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 213935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.81		mg/L		108	80 - 120
Antimony	0.200	0.216		mg/L		108	80 - 120
Arsenic	0.200	0.204		mg/L		102	80 - 120
Barium	0.200	0.209		mg/L		105	80 - 120
Beryllium	0.200	0.208		mg/L		104	80 - 120
Cadmium	0.200	0.211		mg/L		106	80 - 120
Calcium	10.0	10.21		mg/L		102	80 - 120
Chromium	0.200	0.213		mg/L		106	80 - 120
Cobalt	0.200	0.206		mg/L		103	80 - 120
Copper	0.200	0.233		mg/L		117	80 - 120
Iron	10.0	10.09		mg/L		101	80 - 120
Lead	0.200	0.207		mg/L		104	80 - 120
Magnesium	10.0	10.59		mg/L		106	80 - 120
Manganese	0.200	0.218		mg/L		109	80 - 120
Nickel	0.200	0.203		mg/L		101	80 - 120
Potassium	10.0	10.53		mg/L		105	80 - 120
Selenium	0.200	0.209		mg/L		104	80 - 120
Silver	0.0500	0.0524		mg/L		105	80 - 120
Sodium	10.0	10.14		mg/L		101	80 - 120
Thallium	0.200	0.209		mg/L		104	80 - 120

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: LCS 480-213935/2-A**  
**Matrix: Water**  
**Analysis Batch: 214763**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 213935**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.200	0.222		mg/L		111	80 - 120
Zinc	0.200	0.225		mg/L		113	80 - 120

**Lab Sample ID: 480-71259-2 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 214763**

**Client Sample ID: BCC Area E R-11 MS\_1114**  
**Prep Type: Total/NA**  
**Prep Batch: 213935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.94		mg/L		109	75 - 125
Antimony	ND		0.200	0.221		mg/L		110	75 - 125
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125
Barium	0.13		0.200	0.341		mg/L		104	75 - 125
Beryllium	ND		0.200	0.210		mg/L		105	75 - 125
Cadmium	ND		0.200	0.213		mg/L		106	75 - 125
Calcium	67.6		10.0	81.29	4	mg/L		137	75 - 125
Chromium	ND		0.200	0.212		mg/L		106	75 - 125
Cobalt	ND		0.200	0.208		mg/L		104	75 - 125
Iron	5.8		10.0	16.09		mg/L		103	75 - 125
Lead	ND		0.200	0.213		mg/L		106	75 - 125
Magnesium	22.8		10.0	31.35		mg/L		85	75 - 125
Manganese	0.040		0.200	0.252		mg/L		106	75 - 125
Nickel	ND		0.200	0.204		mg/L		102	75 - 125
Potassium	6.3	B	10.0	16.93		mg/L		106	75 - 125
Selenium	ND		0.200	0.215		mg/L		107	75 - 125
Silver	ND		0.0500	0.0525		mg/L		105	75 - 125
Sodium	25.3		10.0	36.66		mg/L		114	75 - 125
Thallium	ND		0.200	0.211		mg/L		105	75 - 125
Vanadium	ND		0.200	0.221		mg/L		110	75 - 125
Zinc	1.0	B	0.200	1.21	4	mg/L		97	75 - 125

**Lab Sample ID: 480-71259-2 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 215818**

**Client Sample ID: BCC Area E R-11 MS\_1114**  
**Prep Type: Total/NA**  
**Prep Batch: 213935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.0017	J	0.200	0.211		mg/L		105	75 - 125

**Lab Sample ID: 480-71259-2 MSD**  
**Matrix: Ground Water**  
**Analysis Batch: 214763**

**Client Sample ID: BCC Area E R-11 MSD\_1114**  
**Prep Type: Total/NA**  
**Prep Batch: 213935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	ND		10.0	10.72		mg/L		107	75 - 125	2	20
Antimony	ND		0.200	0.220		mg/L		110	75 - 125	0	20
Arsenic	ND		0.200	0.217		mg/L		108	75 - 125	1	20
Barium	0.13		0.200	0.338		mg/L		103	75 - 125	1	20
Beryllium	ND		0.200	0.207		mg/L		104	75 - 125	2	20
Cadmium	ND		0.200	0.212		mg/L		106	75 - 125	0	20
Calcium	67.6		10.0	79.80	4	mg/L		122	75 - 125	2	20

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: 480-71259-2 MSD**  
**Matrix: Ground Water**  
**Analysis Batch: 214763**

**Client Sample ID: BCC Area E R-11 MSD\_1114**  
**Prep Type: Total/NA**  
**Prep Batch: 213935**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chromium	ND		0.200	0.208		mg/L		104	75 - 125	2	20
Cobalt	ND		0.200	0.207		mg/L		104	75 - 125	0	20
Iron	5.8		10.0	15.69		mg/L		99	75 - 125	3	20
Lead	ND		0.200	0.212		mg/L		106	75 - 125	1	20
Magnesium	22.8		10.0	31.00		mg/L		82	75 - 125	1	20
Manganese	0.040		0.200	0.249		mg/L		105	75 - 125	1	20
Nickel	ND		0.200	0.203		mg/L		101	75 - 125	1	20
Potassium	6.3	B	10.0	16.74		mg/L		105	75 - 125	1	20
Selenium	ND		0.200	0.216		mg/L		108	75 - 125	1	20
Silver	ND		0.0500	0.0531		mg/L		106	75 - 125	1	20
Sodium	25.3		10.0	36.03		mg/L		108	75 - 125	2	20
Thallium	ND		0.200	0.214		mg/L		107	75 - 125	1	20
Vanadium	ND		0.200	0.219		mg/L		110	75 - 125	1	20
Zinc	1.0	B	0.200	1.14	4	mg/L		61	75 - 125	6	20

**Lab Sample ID: 480-71259-2 MSD**  
**Matrix: Ground Water**  
**Analysis Batch: 215818**

**Client Sample ID: BCC Area E R-11 MSD\_1114**  
**Prep Type: Total/NA**  
**Prep Batch: 213935**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Copper	0.0017	J	0.200	0.210		mg/L		104	75 - 125	0	20

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 480-214033/1-A**  
**Matrix: Water**  
**Analysis Batch: 214367**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 214033**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 10:25	11/14/14 13:51	1

**Lab Sample ID: LCS 480-214033/2-A**  
**Matrix: Water**  
**Analysis Batch: 214367**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 214033**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Mercury	0.00667	0.00668		mg/L		100	80 - 120

**Lab Sample ID: 480-71259-2 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 214367**

**Client Sample ID: BCC Area E R-11 MS\_1114**  
**Prep Type: Total/NA**  
**Prep Batch: 214033**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	ND		0.00667	0.00637		mg/L		95	80 - 120

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 480-71259-2 MSD  
 Matrix: Ground Water  
 Analysis Batch: 214367

Client Sample ID: BCC Area E R-11 MSD\_1114  
 Prep Type: Total/NA  
 Prep Batch: 214033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00642		mg/L		96	80 - 120	1	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## GC/MS VOA

### Analysis Batch: 214858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	8260C	
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	8260C	
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	8260C	
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	8260C	
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	8260C	
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	8260C	
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	8260C	
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	8260C	
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	8260C	
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	8260C	
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	8260C	
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	8260C	
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	8260C	
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	8260C	
480-71259-14	BCC Area E R11 D_1114	Total/NA	Ground Water	8260C	
480-71259-15	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-214858/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-214858/8	Method Blank	Total/NA	Water	8260C	

### Analysis Batch: 215039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	8260C	
LCS 480-215039/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-215039/8	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 214073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	3510C	
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	3510C	
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	3510C	
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	3510C	
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	3510C	
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	3510C	
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	3510C	
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	3510C	
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	3510C	
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	3510C	
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	3510C	
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	3510C	
480-71259-10 - DL	BCC Area E MW-E04_1114	Total/NA	Ground Water	3510C	
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	3510C	
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	3510C	
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	3510C	
480-71259-14	BCC Area E R11 D_1114	Total/NA	Ground Water	3510C	
LCS 480-214073/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-214073/1-A	Method Blank	Total/NA	Water	3510C	

TestAmerica Buffalo

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 215790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	8270D	214073
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	8270D	214073
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	8270D	214073
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	8270D	214073
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	8270D	214073
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	8270D	214073
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	8270D	214073
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	8270D	214073
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	8270D	214073
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	8270D	214073
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	8270D	214073
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	8270D	214073
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	8270D	214073
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	8270D	214073
480-71259-14	BCC Area E R11 D_1114	Total/NA	Ground Water	8270D	214073
LCS 480-214073/2-A	Lab Control Sample	Total/NA	Water	8270D	214073
MB 480-214073/1-A	Method Blank	Total/NA	Water	8270D	214073

### Analysis Batch: 216155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	8270D	214073
480-71259-10 - DL	BCC Area E MW-E04_1114	Total/NA	Ground Water	8270D	214073

## Metals

### Prep Batch: 213935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	3005A	
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	3005A	
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	3005A	
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	3005A	
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	3005A	
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	3005A	
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	3005A	
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	3005A	
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	3005A	
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	3005A	
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	3005A	
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	3005A	
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	3005A	
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	3005A	
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	3005A	
480-71259-14	BCC Area E R11 D_1114	Total/NA	Ground Water	3005A	
LCS 480-213935/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-213935/1-A	Method Blank	Total/NA	Water	3005A	

### Prep Batch: 214033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	7470A	
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	7470A	

TestAmerica Buffalo

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Metals (Continued)

### Prep Batch: 214033 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	7470A	
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	7470A	
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	7470A	
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	7470A	
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	7470A	
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	7470A	
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	7470A	
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	7470A	
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	7470A	
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	7470A	
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	7470A	
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	7470A	
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	7470A	
480-71259-14	BCC Area E R11 D_1114	Total/NA	Ground Water	7470A	
LCS 480-214033/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-214033/1-A	Method Blank	Total/NA	Water	7470A	

### Analysis Batch: 214367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	7470A	214033
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	7470A	214033
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	7470A	214033
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	7470A	214033
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	7470A	214033
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	7470A	214033
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	7470A	214033
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	7470A	214033
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	7470A	214033
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	7470A	214033
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	7470A	214033
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	7470A	214033
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	7470A	214033
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	7470A	214033
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	7470A	214033
480-71259-14	BCC Area E R11 D_1114	Total/NA	Ground Water	7470A	214033
LCS 480-214033/2-A	Lab Control Sample	Total/NA	Water	7470A	214033
MB 480-214033/1-A	Method Blank	Total/NA	Water	7470A	214033

### Analysis Batch: 214763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	6010C	213935
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	6010C	213935
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	6010C	213935
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	6010C	213935
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	6010C	213935
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	6010C	213935
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	6010C	213935
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	6010C	213935
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	6010C	213935
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	6010C	213935
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	6010C	213935

TestAmerica Buffalo

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## Metals (Continued)

### Analysis Batch: 214763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	6010C	213935
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	6010C	213935
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	6010C	213935
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	6010C	213935
480-71259-14	BCC Area E R11 D_1114	Total/NA	Ground Water	6010C	213935
LCS 480-213935/2-A	Lab Control Sample	Total/NA	Water	6010C	213935
MB 480-213935/1-A	Method Blank	Total/NA	Water	6010C	213935

### Analysis Batch: 215086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-6	BCC Area E RFI-33_1114	Total/NA	Ground Water	6010C	213935
480-71259-8	BCC Area E RFI-PZ-16_1114	Total/NA	Ground Water	6010C	213935
480-71259-9	BCC Area E MW-E03_1114	Total/NA	Ground Water	6010C	213935
480-71259-10	BCC Area E MW-E04_1114	Total/NA	Ground Water	6010C	213935
480-71259-11	BCC Area E MW-E05_1114	Total/NA	Ground Water	6010C	213935
480-71259-13	BCC Area E MW-E07_1114	Total/NA	Ground Water	6010C	213935

### Analysis Batch: 215818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71259-1	BCC Area E R-10_1114	Total/NA	Ground Water	6010C	213935
480-71259-2	BCC Area E R-11_1114	Total/NA	Ground Water	6010C	213935
480-71259-2 MS	BCC Area E R-11 MS_1114	Total/NA	Ground Water	6010C	213935
480-71259-2 MSD	BCC Area E R-11 MSD_1114	Total/NA	Ground Water	6010C	213935
480-71259-3	BCC Area E RFI-17_1114	Total/NA	Ground Water	6010C	213935
480-71259-4	BCC Area E RFI-29_1114	Total/NA	Ground Water	6010C	213935
480-71259-5	BCC Area E RFI-32_1114	Total/NA	Ground Water	6010C	213935
480-71259-7	BCC Area E RFI-51_1114	Total/NA	Ground Water	6010C	213935
480-71259-12	BCC Area E MW-E06_1114	Total/NA	Ground Water	6010C	213935

## Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E R-10\_1114**

**Lab Sample ID: 480-71259-1**

**Date Collected: 11/10/14 14:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 17:30	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 14:09	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 19:43	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215818	11/24/14 15:51	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:03	LRK	TAL BUF

**Client Sample ID: BCC Area E R-11\_1114**

**Lab Sample ID: 480-71259-2**

**Date Collected: 11/10/14 11:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 17:55	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 14:36	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 19:45	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215818	11/24/14 15:53	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:04	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-17\_1114**

**Lab Sample ID: 480-71259-3**

**Date Collected: 11/11/14 08:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 18:20	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 15:03	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 19:59	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215818	11/24/14 16:14	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:15	LRK	TAL BUF

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-29\_1114**

**Lab Sample ID: 480-71259-4**

**Date Collected: 11/11/14 10:45**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 18:45	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 15:29	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:01	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215818	11/24/14 16:17	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:16	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-32\_1114**

**Lab Sample ID: 480-71259-5**

**Date Collected: 11/10/14 09:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	215039	11/20/14 15:00	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 15:56	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:04	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215818	11/24/14 16:20	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:18	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-33\_1114**

**Lab Sample ID: 480-71259-6**

**Date Collected: 11/11/14 09:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 19:35	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 16:23	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215086	11/19/14 19:13	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:15	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:19	LRK	TAL BUF

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E RFI-51\_1114**

**Lab Sample ID: 480-71259-7**

**Date Collected: 11/11/14 13:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 19:59	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 16:50	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:18	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215818	11/24/14 16:22	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:21	LRK	TAL BUF

**Client Sample ID: BCC Area E RFI-PZ-16\_1114**

**Lab Sample ID: 480-71259-8**

**Date Collected: 11/11/14 14:40**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 20:24	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 17:16	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215086	11/19/14 19:16	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:20	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:23	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E03\_1114**

**Lab Sample ID: 480-71259-9**

**Date Collected: 11/10/14 10:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 20:49	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 17:43	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215086	11/19/14 19:25	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:23	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:24	LRK	TAL BUF



# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E04\_1114**

**Lab Sample ID: 480-71259-10**

**Date Collected: 11/10/14 15:15**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 21:14	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 18:09	PJQ	TAL BUF
Total/NA	Prep	3510C	DL		214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D	DL	50	216155	11/26/14 16:44	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215086	11/19/14 19:19	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:26	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:26	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E05\_1114**

**Lab Sample ID: 480-71259-11**

**Date Collected: 11/11/14 15:30**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 21:39	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 18:36	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215086	11/19/14 19:28	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:29	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:31	LRK	TAL BUF

**Client Sample ID: BCC Area E MW-E06\_1114**

**Lab Sample ID: 480-71259-12**

**Date Collected: 11/11/14 12:00**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 22:04	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 19:02	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:31	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215818	11/24/14 16:25	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:33	LRK	TAL BUF



# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

**Client Sample ID: BCC Area E MW-E07\_1114**

**Lab Sample ID: 480-71259-13**

**Date Collected: 11/11/14 12:50**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 22:29	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 19:28	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215086	11/19/14 19:22	TRB	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:34	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:35	LRK	TAL BUF

**Client Sample ID: BCC Area E R11 D\_1114**

**Lab Sample ID: 480-71259-14**

**Date Collected: 11/10/14 12:10**

**Matrix: Ground Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 22:54	RAS	TAL BUF
Total/NA	Prep	3510C			214073	11/14/14 08:23	TRG	TAL BUF
Total/NA	Analysis	8270D		1	215790	11/25/14 19:54	PJQ	TAL BUF
Total/NA	Prep	3005A			213935	11/14/14 08:11	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214763	11/17/14 20:37	TRB	TAL BUF
Total/NA	Prep	7470A			214033	11/14/14 10:25	LRK	TAL BUF
Total/NA	Analysis	7470A		1	214367	11/14/14 14:36	LRK	TAL BUF

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-71259-15**

**Date Collected: 11/10/14 00:00**

**Matrix: Water**

**Date Received: 11/12/14 16:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214858	11/19/14 23:19	RAS	TAL BUF

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

## 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	03-31-15

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Method Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



# Sample Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Wells

TestAmerica Job ID: 480-71259-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-71259-1	BCC Area E R-10_1114	Ground Water	11/10/14 14:00	11/12/14 16:15
480-71259-2	BCC Area E R-11_1114	Ground Water	11/10/14 11:45	11/12/14 16:15
480-71259-3	BCC Area E RFI-17_1114	Ground Water	11/11/14 08:30	11/12/14 16:15
480-71259-4	BCC Area E RFI-29_1114	Ground Water	11/11/14 10:45	11/12/14 16:15
480-71259-5	BCC Area E RFI-32_1114	Ground Water	11/10/14 09:50	11/12/14 16:15
480-71259-6	BCC Area E RFI-33_1114	Ground Water	11/11/14 09:40	11/12/14 16:15
480-71259-7	BCC Area E RFI-51_1114	Ground Water	11/11/14 13:50	11/12/14 16:15
480-71259-8	BCC Area E RFI-PZ-16_1114	Ground Water	11/11/14 14:40	11/12/14 16:15
480-71259-9	BCC Area E MW-E03_1114	Ground Water	11/10/14 10:50	11/12/14 16:15
480-71259-10	BCC Area E MW-E04_1114	Ground Water	11/10/14 15:15	11/12/14 16:15
480-71259-11	BCC Area E MW-E05_1114	Ground Water	11/11/14 15:30	11/12/14 16:15
480-71259-12	BCC Area E MW-E06_1114	Ground Water	11/11/14 12:00	11/12/14 16:15
480-71259-13	BCC Area E MW-E07_1114	Ground Water	11/11/14 12:50	11/12/14 16:15
480-71259-14	BCC Area E R11 D_1114	Ground Water	11/10/14 12:10	11/12/14 16:15
480-71259-15	TRIP BLANK	Water	11/10/14 00:00	11/12/14 16:15

**TestAmerica Buffalo**

10 Hazelwood Drive  
Amherst, NY 14228  
phone: 716 504 9852 fax: 716 691 7998

**Chain of Custody Record**

Client Contact  
Ontario Specially Contracting Inc.  
333 Ganson Street  
Buffalo, NY, 14203  
716-856-3333 Phone  
716-842-1630 FAX

Project Name: Buffalo Color Area E Wells  
Site: HoneyWell Buffalo Color - C915232 EIM SITE ID - 37745  
PO# 52954

Project Manager: Schore, John  
Tel/Fax: (716) 912-9926

Analysis Turnaround Time  
Calendar (C) or Work Days (W) W  
 2 weeks  
 1 week  
 2 days  
 1 day

Site Contact: Tom Wagner  
Lab Contact: Schore, John

Calendar (C) or Work Days (W) W  
 2 weeks  
 1 week  
 2 days  
 1 day



480-71259 Chain of Custody



TAL TESTING  
SS, INC.

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	SDG No.	Sample Specific Notes
BCC_Area E_R-10_1114	11/10/14	14:00	G	W	6	N	
BCC_Area E_R-11_1114	11/10/14	14:15	G	W	6	N	
BCC_Area E_RFI-17_1114	11/10/14	08:30	G	W	6	N	
BCC_Area E_RFI-29_1114	11/10/14	10:45	G	W	6	N	
BCC_Area E_RFI-32_1114	11/10/14	09:50	G	W	6	N	
BCC_Area E_RFI-33_1114	11/10/14	09:40	G	W	6	N	
BCC_Area E_RFI-51_1114	11/10/14	13:50	G	W	6	N	
BCC_Area E_RFI-72-16_1114	11/10/14	14:40	G	W	6	N	
BCC_Area E_MW-E03_1114	11/10/14	10:50	G	W	6	N	
BCC_Area E_MW-E04_1114	11/10/14	15:15	G	W	6	N	
BCC_Area E_MW-E05_1114	11/10/14	15:30	G	W	6	N	
BCC_Area E_MW-E06_1114	11/10/14	12:00	G	W	6	N	
BCC_Area E_MW-E07_1114	11/10/14	14:50	G	W	6	N	
BCC_Area E_R11_D_1114	11/10/14	12:10	G	W	6	N	
BCC_Area E_R11_MS_1114	11/10/14	12:30	G	W	6	N	
BCC_Area E_R11_MSD_1114	11/10/14	14:50	G	W	6	N	
Trip Blank		N/A	N/A	W	2		

1 of 1 COCs  
Job No. 0913-OMM

SDG No.

Sample Specific Notes

Container Volume (ml)  
 5  
 10  
 15  
 20  
 25  
 30  
 40  
 50  
 60  
 70  
 80  
 90  
 100

Preservation: 1=Ice, 2=HCl (Hydrochloric), 3=H2SO4 (Sulfuric), 4=HNO3 (Nitric), 5=NaOH (Sodium Hydroxide), 6=Other  
 Non-Hazardous  Flammable  Skin Irritant  Poison B  Unknown  
 Special Instructions/OC Requirements & Comments:

Return To Client  Archive For  Disposal By Lab  Months  
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Container Code: A=Amber, G=Glass, P=Poly/Plastic, S=Summa, T=Tedlar, V=Val  
 Relinquished by: [Signature]  
 Relinquished by: [Signature]  
 Relinquished by: [Signature]  
 Relinquished by: [Signature]

# 1 2.3, 2.4, 2.7, 2.8



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-71259-1

**Login Number: 71259**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Wallace, Cameron**

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.	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	



**ATTACHMENT E-3**  
**STORM SEWER**

# 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: 480-56920-1

Client Project/Site: Buffalo Color Area E Storm Sewer

Sampling Event: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

4/7/2014 2:49:58 PM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15





# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	7
Surrogate Summary . . . . .	15
QC Sample Results . . . . .	16
QC Association Summary . . . . .	30
Lab Chronicle . . . . .	31
Certification Summary . . . . .	32
Method Summary . . . . .	33
Sample Summary . . . . .	34
Chain of Custody . . . . .	35
Receipt Checklists . . . . .	36

## Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits

#### 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 exceeds the control limits
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control 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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Job ID: 480-56920-1**

**Laboratory: TestAmerica Buffalo**

## Narrative

### Job Narrative 480-56920-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 3/31/2014 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) for analytical batch 173634 recovered outside control limits for multiple analytes. These analytes were within acceptable limits in the low level calibration verification (CCVL), therefore the data have been qualified and reported.

Method(s) 8270D: The laboratory control sample (LCS) for batch 149326 recovered outside control limits for four analytes. Four analytes are allowed outside limits when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The laboratory control sample (LCS) for batch 173634 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 173279 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: Due to the high concentration of multiple analytes, the matrix spike / matrix spike duplicate (MS/MSD) for batch 173279 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 173279 was outside control limits.

No other analytical or quality issues were noted.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31\_0314**

**Lab Sample ID: 480-56920-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	6.4		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	24		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	2.2		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	8.0		1.0	0.84	ug/L	1		8260C	Total/NA
Acetone	8.0	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	10		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	58		1.0	0.75	ug/L	1		8260C	Total/NA
Chloroform	0.51	J	1.0	0.34	ug/L	1		8260C	Total/NA
Ethylbenzene	1.5		1.0	0.74	ug/L	1		8260C	Total/NA
Styrene	0.74	J	1.0	0.73	ug/L	1		8260C	Total/NA
Toluene	3.1		1.0	0.51	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	16		5.0	0.45	ug/L	1		8270D	Total/NA
2,6-Dinitrotoluene	36		5.0	0.40	ug/L	1		8270D	Total/NA
2-Chlorophenol	1.1	J	5.0	0.53	ug/L	1		8270D	Total/NA
4-Chloroaniline	1.4	J	5.0	0.59	ug/L	1		8270D	Total/NA
Acenaphthene	1.3	J	5.0	0.41	ug/L	1		8270D	Total/NA
Aniline	22		10	0.61	ug/L	1		8270D	Total/NA
Anthracene	0.32	J	5.0	0.28	ug/L	1		8270D	Total/NA
Bis(2-chloroethyl)ether	33		5.0	0.40	ug/L	1		8270D	Total/NA
Carbazole	1.1	J	5.0	0.30	ug/L	1		8270D	Total/NA
Dibenzofuran	0.62	J	10	0.51	ug/L	1		8270D	Total/NA
Fluorene	0.86	J	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	2.1	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	0.99	J	5.0	0.44	ug/L	1		8270D	Total/NA
Phenol	2.8	J	5.0	0.39	ug/L	1		8270D	Total/NA

**Client Sample ID: BCC Area E DMH-E31 D\_0314**

**Lab Sample ID: 480-56920-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	6.4		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	23		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	2.1		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	7.9		1.0	0.84	ug/L	1		8260C	Total/NA
Acetone	7.5	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	10		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	57		1.0	0.75	ug/L	1		8260C	Total/NA
Chloroform	0.44	J	1.0	0.34	ug/L	1		8260C	Total/NA
Ethylbenzene	1.5		1.0	0.74	ug/L	1		8260C	Total/NA
Toluene	3.0		1.0	0.51	ug/L	1		8260C	Total/NA
2,4-Dinitrotoluene	18		5.0	0.45	ug/L	1		8270D	Total/NA
2,6-Dinitrotoluene	53		5.0	0.40	ug/L	1		8270D	Total/NA
2-Chlorophenol	1.2	J	5.0	0.53	ug/L	1		8270D	Total/NA
4-Chloroaniline	1.3	J	5.0	0.59	ug/L	1		8270D	Total/NA
Acenaphthene	1.5	J	5.0	0.41	ug/L	1		8270D	Total/NA
Aniline	25		10	0.61	ug/L	1		8270D	Total/NA
Anthracene	0.42	J	5.0	0.28	ug/L	1		8270D	Total/NA
Carbazole	1.1	J	5.0	0.30	ug/L	1		8270D	Total/NA
Dibenzofuran	0.68	J	10	0.51	ug/L	1		8270D	Total/NA
Fluorene	0.89	J	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	2.2	J	5.0	0.76	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Client Sample ID: BCC Area E DMH-E31 D\_0314 (Continued)

Lab Sample ID: 480-56920-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrobenzene	15		5.0	0.29	ug/L	1		8270D	Total/NA
Phenanthrene	1.0	J	5.0	0.44	ug/L	1		8270D	Total/NA
Phenol	2.9	J	5.0	0.39	ug/L	1		8270D	Total/NA

## Client Sample ID: TRIP BLANK

Lab Sample ID: 480-56920-3

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31\_0314**

**Lab Sample ID: 480-56920-1**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 17:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 17:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 17:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 17:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 17:02	1
<b>1,2,4-Trichlorobenzene</b>	<b>6.4</b>		1.0	0.41	ug/L			04/04/14 17:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 17:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 17:02	1
<b>1,2-Dichlorobenzene</b>	<b>24</b>		1.0	0.79	ug/L			04/04/14 17:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 17:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 17:02	1
<b>1,3-Dichlorobenzene</b>	<b>2.2</b>		1.0	0.78	ug/L			04/04/14 17:02	1
<b>1,4-Dichlorobenzene</b>	<b>8.0</b>		1.0	0.84	ug/L			04/04/14 17:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 17:02	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 17:02	1
<b>Acetone</b>	<b>8.0 J</b>		10	3.0	ug/L			04/04/14 17:02	1
<b>Benzene</b>	<b>10</b>		1.0	0.41	ug/L			04/04/14 17:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 17:02	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 17:02	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 17:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 17:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 17:02	1
<b>Chlorobenzene</b>	<b>58</b>		1.0	0.75	ug/L			04/04/14 17:02	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 17:02	1
<b>Chloroform</b>	<b>0.51 J</b>		1.0	0.34	ug/L			04/04/14 17:02	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 17:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 17:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 17:02	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 17:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 17:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 17:02	1
<b>Ethylbenzene</b>	<b>1.5</b>		1.0	0.74	ug/L			04/04/14 17:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 17:02	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 17:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 17:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 17:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 17:02	1
<b>Styrene</b>	<b>0.74 J</b>		1.0	0.73	ug/L			04/04/14 17:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 17:02	1
<b>Toluene</b>	<b>3.1</b>		1.0	0.51	ug/L			04/04/14 17:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 17:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 17:02	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 17:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 17:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 17:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 17:02	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31\_0314**

**Lab Sample ID: 480-56920-1**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		04/04/14 17:02	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/04/14 17:02	1
Toluene-d8 (Surr)	102		71 - 126		04/04/14 17:02	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		04/02/14 06:10	04/04/14 00:14	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/02/14 06:10	04/04/14 00:14	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/02/14 06:10	04/04/14 00:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/02/14 06:10	04/04/14 00:14	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>2,4-Dinitrotoluene</b>	<b>16</b>		5.0	0.45	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>2,6-Dinitrotoluene</b>	<b>36</b>		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:14	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>2-Chlorophenol</b>	<b>1.1</b>	<b>J</b>	5.0	0.53	ug/L		04/02/14 06:10	04/04/14 00:14	1
2-Methylnaphthalene	ND	*	5.0	0.60	ug/L		04/02/14 06:10	04/04/14 00:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:14	1
2-Nitroaniline	ND		10	0.42	ug/L		04/02/14 06:10	04/04/14 00:14	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/02/14 06:10	04/04/14 00:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:14	1
3-Nitroaniline	ND		10	0.48	ug/L		04/02/14 06:10	04/04/14 00:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/02/14 06:10	04/04/14 00:14	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/02/14 06:10	04/04/14 00:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>4-Chloroaniline</b>	<b>1.4</b>	<b>J</b>	5.0	0.59	ug/L		04/02/14 06:10	04/04/14 00:14	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/02/14 06:10	04/04/14 00:14	1
4-Methylphenol	ND		10	0.36	ug/L		04/02/14 06:10	04/04/14 00:14	1
4-Nitroaniline	ND		10	0.25	ug/L		04/02/14 06:10	04/04/14 00:14	1
4-Nitrophenol	ND		10	1.5	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Acenaphthene</b>	<b>1.3</b>	<b>J</b>	5.0	0.41	ug/L		04/02/14 06:10	04/04/14 00:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/02/14 06:10	04/04/14 00:14	1
Acetophenone	ND		5.0	0.54	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Aniline</b>	<b>22</b>		10	0.61	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Anthracene</b>	<b>0.32</b>	<b>J</b>	5.0	0.28	ug/L		04/02/14 06:10	04/04/14 00:14	1
Atrazine	ND		5.0	0.46	ug/L		04/02/14 06:10	04/04/14 00:14	1
Benzaldehyde	ND		5.0	0.27	ug/L		04/02/14 06:10	04/04/14 00:14	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		04/02/14 06:10	04/04/14 00:14	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/04/14 00:14	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/04/14 00:14	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		04/02/14 06:10	04/04/14 00:14	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		04/02/14 06:10	04/04/14 00:14	1
Biphenyl	ND		5.0	0.65	ug/L		04/02/14 06:10	04/04/14 00:14	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/02/14 06:10	04/04/14 00:14	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Bis(2-chloroethyl)ether</b>	<b>33</b>		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:14	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/02/14 06:10	04/04/14 00:14	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		04/02/14 06:10	04/04/14 00:14	1
Caprolactam	ND		5.0	2.2	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Carbazole</b>	<b>1.1</b>	<b>J</b>	5.0	0.30	ug/L		04/02/14 06:10	04/04/14 00:14	1
Chrysene	ND		5.0	0.33	ug/L		04/02/14 06:10	04/04/14 00:14	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31\_0314**

**Lab Sample ID: 480-56920-1**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Dibenzofuran</b>	<b>0.62</b>	<b>J</b>	10	0.51	ug/L		04/02/14 06:10	04/04/14 00:14	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/02/14 06:10	04/04/14 00:14	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/02/14 06:10	04/04/14 00:14	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		04/02/14 06:10	04/04/14 00:14	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/02/14 06:10	04/04/14 00:14	1
Fluoranthene	ND		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Fluorene</b>	<b>0.86</b>	<b>J</b>	5.0	0.36	ug/L		04/02/14 06:10	04/04/14 00:14	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		04/02/14 06:10	04/04/14 00:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/02/14 06:10	04/04/14 00:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/02/14 06:10	04/04/14 00:14	1
Hexachloroethane	ND	*	5.0	0.59	ug/L		04/02/14 06:10	04/04/14 00:14	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/04/14 00:14	1
Isophorone	ND		5.0	0.43	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Naphthalene</b>	<b>2.1</b>	<b>J</b>	5.0	0.76	ug/L		04/02/14 06:10	04/04/14 00:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		04/02/14 06:10	04/04/14 00:14	1
N-Nitrosodi-n-propylamine	ND	*	5.0	0.54	ug/L		04/02/14 06:10	04/04/14 00:14	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/02/14 06:10	04/04/14 00:14	1
Pentachlorophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Phenanthrene</b>	<b>0.99</b>	<b>J</b>	5.0	0.44	ug/L		04/02/14 06:10	04/04/14 00:14	1
<b>Phenol</b>	<b>2.8</b>	<b>J</b>	5.0	0.39	ug/L		04/02/14 06:10	04/04/14 00:14	1
Pyrene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/04/14 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		52 - 132	04/02/14 06:10	04/04/14 00:14	1
2-Fluorobiphenyl	93		48 - 120	04/02/14 06:10	04/04/14 00:14	1
2-Fluorophenol	66		20 - 120	04/02/14 06:10	04/04/14 00:14	1
Nitrobenzene-d5	93		46 - 120	04/02/14 06:10	04/04/14 00:14	1
Phenol-d5	44		16 - 120	04/02/14 06:10	04/04/14 00:14	1
p-Terphenyl-d14	101		67 - 150	04/02/14 06:10	04/04/14 00:14	1



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31 D\_0314**

**Lab Sample ID: 480-56920-2**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 17:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 17:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 17:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 17:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 17:26	1
<b>1,2,4-Trichlorobenzene</b>	<b>6.4</b>		1.0	0.41	ug/L			04/04/14 17:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 17:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 17:26	1
<b>1,2-Dichlorobenzene</b>	<b>23</b>		1.0	0.79	ug/L			04/04/14 17:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 17:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 17:26	1
<b>1,3-Dichlorobenzene</b>	<b>2.1</b>		1.0	0.78	ug/L			04/04/14 17:26	1
<b>1,4-Dichlorobenzene</b>	<b>7.9</b>		1.0	0.84	ug/L			04/04/14 17:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 17:26	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 17:26	1
<b>Acetone</b>	<b>7.5 J</b>		10	3.0	ug/L			04/04/14 17:26	1
<b>Benzene</b>	<b>10</b>		1.0	0.41	ug/L			04/04/14 17:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 17:26	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 17:26	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 17:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 17:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 17:26	1
<b>Chlorobenzene</b>	<b>57</b>		1.0	0.75	ug/L			04/04/14 17:26	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 17:26	1
<b>Chloroform</b>	<b>0.44 J</b>		1.0	0.34	ug/L			04/04/14 17:26	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 17:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 17:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 17:26	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 17:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 17:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 17:26	1
<b>Ethylbenzene</b>	<b>1.5</b>		1.0	0.74	ug/L			04/04/14 17:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 17:26	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 17:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 17:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 17:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 17:26	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 17:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 17:26	1
<b>Toluene</b>	<b>3.0</b>		1.0	0.51	ug/L			04/04/14 17:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 17:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 17:26	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 17:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 17:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 17:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 17:26	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31 D\_0314**

**Lab Sample ID: 480-56920-2**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		04/04/14 17:26	1
4-Bromofluorobenzene (Surr)	101		73 - 120		04/04/14 17:26	1
Toluene-d8 (Surr)	102		71 - 126		04/04/14 17:26	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		04/02/14 06:10	04/04/14 00:38	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/02/14 06:10	04/04/14 00:38	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/02/14 06:10	04/04/14 00:38	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/02/14 06:10	04/04/14 00:38	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>2,4-Dinitrotoluene</b>	<b>18</b>		5.0	0.45	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>2,6-Dinitrotoluene</b>	<b>53</b>		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:38	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>2-Chlorophenol</b>	<b>1.2</b>	<b>J</b>	5.0	0.53	ug/L		04/02/14 06:10	04/04/14 00:38	1
2-Methylnaphthalene	ND	*	5.0	0.60	ug/L		04/02/14 06:10	04/04/14 00:38	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:38	1
2-Nitroaniline	ND		10	0.42	ug/L		04/02/14 06:10	04/04/14 00:38	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/02/14 06:10	04/04/14 00:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:38	1
3-Nitroaniline	ND		10	0.48	ug/L		04/02/14 06:10	04/04/14 00:38	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/02/14 06:10	04/04/14 00:38	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/02/14 06:10	04/04/14 00:38	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>4-Chloroaniline</b>	<b>1.3</b>	<b>J</b>	5.0	0.59	ug/L		04/02/14 06:10	04/04/14 00:38	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/02/14 06:10	04/04/14 00:38	1
4-Methylphenol	ND		10	0.36	ug/L		04/02/14 06:10	04/04/14 00:38	1
4-Nitroaniline	ND		10	0.25	ug/L		04/02/14 06:10	04/04/14 00:38	1
4-Nitrophenol	ND		10	1.5	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Acenaphthene</b>	<b>1.5</b>	<b>J</b>	5.0	0.41	ug/L		04/02/14 06:10	04/04/14 00:38	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/02/14 06:10	04/04/14 00:38	1
Acetophenone	ND		5.0	0.54	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Aniline</b>	<b>25</b>		10	0.61	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Anthracene</b>	<b>0.42</b>	<b>J</b>	5.0	0.28	ug/L		04/02/14 06:10	04/04/14 00:38	1
Atrazine	ND		5.0	0.46	ug/L		04/02/14 06:10	04/04/14 00:38	1
Benzaldehyde	ND		5.0	0.27	ug/L		04/02/14 06:10	04/04/14 00:38	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		04/02/14 06:10	04/04/14 00:38	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/04/14 00:38	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/04/14 00:38	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		04/02/14 06:10	04/04/14 00:38	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		04/02/14 06:10	04/04/14 00:38	1
Biphenyl	ND		5.0	0.65	ug/L		04/02/14 06:10	04/04/14 00:38	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/02/14 06:10	04/04/14 00:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/02/14 06:10	04/04/14 00:38	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:38	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/02/14 06:10	04/04/14 00:38	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		04/02/14 06:10	04/04/14 00:38	1
Caprolactam	ND		5.0	2.2	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Carbazole</b>	<b>1.1</b>	<b>J</b>	5.0	0.30	ug/L		04/02/14 06:10	04/04/14 00:38	1
Chrysene	ND		5.0	0.33	ug/L		04/02/14 06:10	04/04/14 00:38	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31 D\_0314**

**Lab Sample ID: 480-56920-2**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Dibenzofuran</b>	<b>0.68</b>	<b>J</b>	10	0.51	ug/L		04/02/14 06:10	04/04/14 00:38	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/02/14 06:10	04/04/14 00:38	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/02/14 06:10	04/04/14 00:38	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		04/02/14 06:10	04/04/14 00:38	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/02/14 06:10	04/04/14 00:38	1
Fluoranthene	ND		5.0	0.40	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Fluorene</b>	<b>0.89</b>	<b>J</b>	5.0	0.36	ug/L		04/02/14 06:10	04/04/14 00:38	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		04/02/14 06:10	04/04/14 00:38	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/02/14 06:10	04/04/14 00:38	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/02/14 06:10	04/04/14 00:38	1
Hexachloroethane	ND	*	5.0	0.59	ug/L		04/02/14 06:10	04/04/14 00:38	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/04/14 00:38	1
Isophorone	ND		5.0	0.43	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Naphthalene</b>	<b>2.2</b>	<b>J</b>	5.0	0.76	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Nitrobenzene</b>	<b>15</b>		5.0	0.29	ug/L		04/02/14 06:10	04/04/14 00:38	1
N-Nitrosodi-n-propylamine	ND	*	5.0	0.54	ug/L		04/02/14 06:10	04/04/14 00:38	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/02/14 06:10	04/04/14 00:38	1
Pentachlorophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Phenanthrene</b>	<b>1.0</b>	<b>J</b>	5.0	0.44	ug/L		04/02/14 06:10	04/04/14 00:38	1
<b>Phenol</b>	<b>2.9</b>	<b>J</b>	5.0	0.39	ug/L		04/02/14 06:10	04/04/14 00:38	1
Pyrene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/04/14 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		52 - 132	04/02/14 06:10	04/04/14 00:38	1
2-Fluorobiphenyl	105		48 - 120	04/02/14 06:10	04/04/14 00:38	1
2-Fluorophenol	71		20 - 120	04/02/14 06:10	04/04/14 00:38	1
Nitrobenzene-d5	97		46 - 120	04/02/14 06:10	04/04/14 00:38	1
Phenol-d5	44		16 - 120	04/02/14 06:10	04/04/14 00:38	1
p-Terphenyl-d14	87		67 - 150	04/02/14 06:10	04/04/14 00:38	1

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-56920-3**

**Date Collected: 03/31/14 00:00**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 17:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 17:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 17:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 17:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 17:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 17:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 17:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 17:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 17:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 17:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 17:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 17:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 17:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 17:50	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 17:50	1
Acetone	ND		10	3.0	ug/L			04/04/14 17:50	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 17:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 17:50	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 17:50	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 17:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 17:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 17:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 17:50	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 17:50	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 17:50	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 17:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 17:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 17:50	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 17:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 17:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 17:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 17:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 17:50	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 17:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 17:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 17:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 17:50	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 17:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 17:50	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 17:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 17:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 17:50	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 17:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 17:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 17:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 17:50	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-56920-3**

**Date Collected: 03/31/14 00:00**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		04/04/14 17:50	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/04/14 17:50	1
Toluene-d8 (Surr)	101		71 - 126		04/04/14 17:50	1

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-56920-1	BCC Area E DMH-E31_0314	102	103	102
480-56920-1 MS	BCC Area E DMH-E31 MS_0314	100	99	101
480-56920-1 MSD	BCC Area E DMH-E31 MSD_0314	99	96	96
480-56920-2	BCC Area E DMH-E31 D_0314	101	101	102
480-56920-3	TRIP BLANK	101	100	101
LCS 480-173902/56	Lab Control Sample	97	100	100
LCS 480-174114/6	Lab Control Sample	97	97	101
MB 480-173902/7	Method Blank	102	98	101
MB 480-174114/8	Method Blank	103	103	107

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-56920-1	BCC Area E DMH-E31_0314	112	93	66	93	44	101
480-56920-1 MS	BCC Area E DMH-E31 MS_0314	126	100	74	101	64	86
480-56920-1 MSD	BCC Area E DMH-E31 MSD_0314	125	102	74	105	65	85
480-56920-2	BCC Area E DMH-E31 D_0314	110	105	71	97	44	87
LCS 480-173279/2-A	Lab Control Sample	119	102	77	108	69	117
MB 480-173279/1-A	Method Blank	93	91	66	97	42	126

### Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-173902/7**

**Matrix: Water**

**Analysis Batch: 173902**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 15:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 15:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 15:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 15:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 15:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 15:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 15:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 15:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 15:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 15:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 15:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 15:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 15:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 15:17	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 15:17	1
Acetone	ND		10	3.0	ug/L			04/04/14 15:17	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 15:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 15:17	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 15:17	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 15:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 15:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 15:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 15:17	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 15:17	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 15:17	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 15:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 15:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 15:17	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 15:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 15:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 15:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 15:17	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 15:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 15:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 15:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 15:17	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 15:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 15:17	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 15:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 15:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 15:17	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 15:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 15:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 15:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 15:17	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-173902/7**

**Matrix: Water**

**Analysis Batch: 173902**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		04/04/14 15:17	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/04/14 15:17	1
Toluene-d8 (Surr)	101		71 - 126		04/04/14 15:17	1

**Lab Sample ID: LCS 480-173902/56**

**Matrix: Water**

**Analysis Batch: 173902**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	28.2		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.5		ug/L		110	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	33.4		ug/L		134	52 - 148
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	76 - 122
1,1-Dichloroethane	25.0	27.0		ug/L		108	71 - 129
1,1-Dichloroethene	25.0	28.6		ug/L		114	58 - 121
1,2,4-Trichlorobenzene	25.0	27.3		ug/L		109	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	29.4		ug/L		117	56 - 134
1,2-Dibromoethane	25.0	27.4		ug/L		110	77 - 120
1,2-Dichlorobenzene	25.0	27.0		ug/L		108	80 - 124
1,2-Dichloroethane	25.0	26.7		ug/L		107	75 - 127
1,2-Dichloropropane	25.0	26.9		ug/L		108	76 - 120
1,3-Dichlorobenzene	25.0	27.5		ug/L		110	77 - 120
1,4-Dichlorobenzene	25.0	26.9		ug/L		108	75 - 120
2-Butanone (MEK)	125	122		ug/L		97	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	145		ug/L		116	71 - 125
Acetone	125	119		ug/L		95	56 - 142
Benzene	25.0	26.6		ug/L		107	71 - 124
Bromodichloromethane	25.0	28.8		ug/L		115	80 - 122
Bromoform	25.0	26.0		ug/L		104	52 - 132
Bromomethane	25.0	24.4		ug/L		98	55 - 144
Carbon disulfide	25.0	26.8		ug/L		107	59 - 134
Carbon tetrachloride	25.0	29.9		ug/L		120	72 - 134
Chlorobenzene	25.0	27.0		ug/L		108	72 - 120
Chloroethane	25.0	24.4		ug/L		97	69 - 136
Chloroform	25.0	26.6		ug/L		106	73 - 127
Chloromethane	25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	27.0		ug/L		108	74 - 124
cis-1,3-Dichloropropene	25.0	28.5		ug/L		114	74 - 124
Cyclohexane	25.0	26.9		ug/L		108	59 - 135
Dibromochloromethane	24.5	30.1		ug/L		123	75 - 125
Dichlorodifluoromethane	25.0	26.4		ug/L		106	59 - 135
Ethylbenzene	25.0	27.7		ug/L		111	77 - 123
Isopropylbenzene	25.0	27.9		ug/L		112	77 - 122
Methyl acetate	125	126		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	64 - 127
Methylcyclohexane	25.0	27.9		ug/L		112	61 - 138

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-173902/56**

**Matrix: Water**

**Analysis Batch: 173902**

**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	26.4		ug/L		106	57 - 132
Styrene	25.0	27.8		ug/L		111	70 - 130
Tetrachloroethene	25.0	28.2		ug/L		113	74 - 122
Toluene	25.0	27.3		ug/L		109	80 - 122
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	29.4		ug/L		117	72 - 123
Trichloroethene	25.0	26.9		ug/L		108	74 - 123
Trichlorofluoromethane	25.0	26.1		ug/L		104	62 - 152
Vinyl chloride	25.0	24.3		ug/L		97	65 - 133
Xylenes, Total	50.0	55.1		ug/L		110	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	100		71 - 126

**Lab Sample ID: MB 480-174114/8**

**Matrix: Water**

**Analysis Batch: 174114**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/06/14 23:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/14 23:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/14 23:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/14 23:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/14 23:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/14 23:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/14 23:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/14 23:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/14 23:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/14 23:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/14 23:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/14 23:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/14 23:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/14 23:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/14 23:18	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/14 23:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/14 23:18	1
Acetone	ND		10	3.0	ug/L			04/06/14 23:18	1
Benzene	ND		1.0	0.41	ug/L			04/06/14 23:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/14 23:18	1
Bromoform	ND		1.0	0.26	ug/L			04/06/14 23:18	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/14 23:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/14 23:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/14 23:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/06/14 23:18	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/14 23:18	1
Chloroform	ND		1.0	0.34	ug/L			04/06/14 23:18	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-174114/8**

**Matrix: Water**

**Analysis Batch: 174114**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			04/06/14 23:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/14 23:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/14 23:18	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/14 23:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/14 23:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/14 23:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/14 23:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/14 23:18	1
Methyl acetate	ND		2.5	0.50	ug/L			04/06/14 23:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/14 23:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/14 23:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/14 23:18	1
Styrene	ND		1.0	0.73	ug/L			04/06/14 23:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/14 23:18	1
Toluene	ND		1.0	0.51	ug/L			04/06/14 23:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/14 23:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/14 23:18	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/14 23:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/14 23:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/14 23:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/14 23:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		04/06/14 23:18	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/06/14 23:18	1
Toluene-d8 (Surr)	107		71 - 126		04/06/14 23:18	1

**Lab Sample ID: LCS 480-174114/6**

**Matrix: Water**

**Analysis Batch: 174114**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.0		ug/L		88	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	18.9		ug/L		75	52 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	23.3		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	18.9		ug/L		76	58 - 121
1,2,4-Trichlorobenzene	25.0	23.5		ug/L		94	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.0		ug/L		96	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 127
1,2-Dichloropropane	25.0	22.0		ug/L		88	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	75 - 120
2-Butanone (MEK)	125	135		ug/L		108	57 - 140

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-174114/6**

**Matrix: Water**

**Analysis Batch: 174114**

**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	125		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	125	143		ug/L		115	71 - 125
Acetone	125	114		ug/L		91	56 - 142
Benzene	25.0	23.4		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.2		ug/L		93	80 - 122
Bromoform	25.0	25.5		ug/L		102	52 - 132
Bromomethane	25.0	21.0		ug/L		84	55 - 144
Carbon disulfide	25.0	20.0		ug/L		80	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		86	72 - 134
Chlorobenzene	25.0	24.1		ug/L		96	72 - 120
Chloroethane	25.0	21.8		ug/L		87	69 - 136
Chloroform	25.0	22.6		ug/L		90	73 - 127
Chloromethane	25.0	19.7		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	23.1		ug/L		92	74 - 124
Cyclohexane	25.0	20.5		ug/L		82	59 - 135
Dibromochloromethane	24.5	24.6		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	18.4		ug/L		74	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	125	114		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	64 - 127
Methylcyclohexane	25.0	21.7		ug/L		87	61 - 138
Methylene Chloride	25.0	21.8		ug/L		87	57 - 132
Styrene	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	23.1		ug/L		93	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	22.5		ug/L		90	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	72 - 123
Trichloroethene	25.0	21.6		ug/L		86	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 152
Vinyl chloride	25.0	20.2		ug/L		81	65 - 133
Xylenes, Total	50.0	49.1		ug/L		98	76 - 122

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	101		71 - 126

**Lab Sample ID: 480-56920-1 MS**

**Matrix: Water**

**Analysis Batch: 174114**

**Client Sample ID: BCC Area E DMH-E31 MS\_0314**

**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	24.7		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	24.8		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	18.8		ug/L		75	52 - 148

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-56920-1 MS

Client Sample ID: BCC Area E DMH-E31 MS\_0314

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 174114

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,2-Trichloroethane	ND		25.0	23.2		ug/L		93	76 - 122
1,1-Dichloroethane	ND		25.0	23.9		ug/L		96	71 - 129
1,1-Dichloroethene	ND		25.0	20.7		ug/L		83	58 - 121
1,2,4-Trichlorobenzene	6.4		25.0	27.6		ug/L		85	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	22.5		ug/L		90	56 - 134
1,2-Dibromoethane	ND		25.0	23.6		ug/L		95	77 - 120
1,2-Dichlorobenzene	24		25.0	49.5		ug/L		103	80 - 124
1,2-Dichloroethane	ND		25.0	23.5		ug/L		94	75 - 127
1,2-Dichloropropane	ND		25.0	24.5		ug/L		98	76 - 120
1,3-Dichlorobenzene	2.2		25.0	26.2		ug/L		96	77 - 120
1,4-Dichlorobenzene	8.0		25.0	31.7		ug/L		95	75 - 120
2-Butanone (MEK)	ND		125	144		ug/L		115	57 - 140
2-Hexanone	ND		125	132		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	143		ug/L		114	71 - 125
Acetone	8.0	J	125	145		ug/L		110	56 - 142
Benzene	10		25.0	34.4		ug/L		96	71 - 124
Bromodichloromethane	ND		25.0	24.3		ug/L		97	80 - 122
Bromoform	ND		25.0	24.1		ug/L		96	52 - 132
Bromomethane	ND		25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	ND		25.0	23.4		ug/L		93	59 - 134
Carbon tetrachloride	ND		25.0	23.8		ug/L		95	72 - 134
Chlorobenzene	58		25.0	94.6	F1	ug/L		148	72 - 120
Chloroethane	ND		25.0	25.1		ug/L		100	69 - 136
Chloroform	0.51	J	25.0	24.5		ug/L		96	73 - 127
Chloromethane	ND		25.0	20.3		ug/L		81	68 - 124
cis-1,2-Dichloroethene	ND		25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	ND		25.0	23.4		ug/L		94	74 - 124
Cyclohexane	ND		25.0	21.6		ug/L		86	59 - 135
Dibromochloromethane	ND		24.5	23.1		ug/L		94	75 - 125
Dichlorodifluoromethane	ND		25.0	19.1		ug/L		76	59 - 135
Ethylbenzene	1.5		25.0	26.7		ug/L		101	77 - 123
Isopropylbenzene	ND		25.0	25.0		ug/L		100	77 - 122
Methyl acetate	ND		125	123		ug/L		98	74 - 133
Methyl tert-butyl ether	ND		25.0	24.1		ug/L		96	64 - 127
Methylcyclohexane	ND		25.0	22.3		ug/L		89	61 - 138
Methylene Chloride	ND		25.0	24.2		ug/L		97	57 - 132
Styrene	0.74	J	25.0	27.4		ug/L		106	70 - 130
Tetrachloroethene	ND		25.0	23.7		ug/L		95	74 - 122
Toluene	3.1		25.0	28.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	ND		25.0	24.1		ug/L		96	73 - 127
trans-1,3-Dichloropropene	ND		25.0	21.4		ug/L		86	72 - 123
Trichloroethene	ND		25.0	23.0		ug/L		92	74 - 123
Trichlorofluoromethane	ND		25.0	27.4		ug/L		110	62 - 152
Vinyl chloride	ND		25.0	22.6		ug/L		90	65 - 133
Xylenes, Total	ND		50.0	51.9		ug/L		104	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-56920-1 MS**

**Matrix: Water**

**Analysis Batch: 174114**

**Client Sample ID: BCC Area E DMH-E31 MS\_0314**

**Prep Type: Total/NA**

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	101		71 - 126

**Lab Sample ID: 480-56920-1 MSD**

**Matrix: Water**

**Analysis Batch: 174114**

**Client Sample ID: BCC Area E DMH-E31 MSD\_0314**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier		Added	Result				Qualifier		Limits
1,1,1-Trichloroethane	ND		25.0	24.6		ug/L		98	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		25.0	25.1		ug/L		101	70 - 126	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	19.7		ug/L		79	52 - 148	5	20
1,1,2-Trichloroethane	ND		25.0	23.8		ug/L		95	76 - 122	2	15
1,1-Dichloroethane	ND		25.0	24.1		ug/L		97	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	20.6		ug/L		83	58 - 121	0	16
1,2,4-Trichlorobenzene	6.4		25.0	28.7		ug/L		89	70 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.0		ug/L		96	56 - 134	6	15
1,2-Dibromoethane	ND		25.0	23.9		ug/L		96	77 - 120	1	15
1,2-Dichlorobenzene	24		25.0	48.7		ug/L		100	80 - 124	2	20
1,2-Dichloroethane	ND		25.0	24.5		ug/L		98	75 - 127	4	20
1,2-Dichloropropane	ND		25.0	23.7		ug/L		95	76 - 120	3	20
1,3-Dichlorobenzene	2.2		25.0	26.3		ug/L		97	77 - 120	1	20
1,4-Dichlorobenzene	8.0		25.0	31.9		ug/L		96	75 - 120	0	20
2-Butanone (MEK)	ND		125	145		ug/L		116	57 - 140	1	20
2-Hexanone	ND		125	131		ug/L		104	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		125	139		ug/L		111	71 - 125	3	35
Acetone	8.0	J	125	132		ug/L		99	56 - 142	10	15
Benzene	10		25.0	35.1		ug/L		99	71 - 124	2	13
Bromodichloromethane	ND		25.0	24.0		ug/L		96	80 - 122	1	15
Bromoform	ND		25.0	24.0		ug/L		96	52 - 132	0	15
Bromomethane	ND		25.0	23.9		ug/L		96	55 - 144	5	15
Carbon disulfide	ND		25.0	23.4		ug/L		94	59 - 134	0	15
Carbon tetrachloride	ND		25.0	23.3		ug/L		93	72 - 134	2	15
Chlorobenzene	58		25.0	90.1	F1	ug/L		130	72 - 120	5	25
Chloroethane	ND		25.0	25.3		ug/L		101	69 - 136	1	15
Chloroform	0.51	J	25.0	24.2		ug/L		95	73 - 127	1	20
Chloromethane	ND		25.0	21.1		ug/L		84	68 - 124	4	15
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	22.9		ug/L		92	74 - 124	2	15
Cyclohexane	ND		25.0	22.1		ug/L		89	59 - 135	3	20
Dibromochloromethane	ND		24.5	23.6		ug/L		96	75 - 125	2	15
Dichlorodifluoromethane	ND		25.0	18.5		ug/L		74	59 - 135	3	20
Ethylbenzene	1.5		25.0	26.2		ug/L		99	77 - 123	2	15
Isopropylbenzene	ND		25.0	25.2		ug/L		101	77 - 122	1	20
Methyl acetate	ND		125	121		ug/L		97	74 - 133	1	20
Methyl tert-butyl ether	ND		25.0	25.1		ug/L		100	64 - 127	4	37
Methylcyclohexane	ND		25.0	22.2		ug/L		89	61 - 138	1	20
Methylene Chloride	ND		25.0	23.6		ug/L		94	57 - 132	3	15

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-56920-1 MSD**

**Client Sample ID: BCC Area E DMH-E31 MSD\_0314**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 174114**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Styrene	0.74	J	25.0	25.9		ug/L		101	70 - 130	5	20
Tetrachloroethene	ND		25.0	23.2		ug/L		93	74 - 122	2	20
Toluene	3.1		25.0	27.8		ug/L		99	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	24.9		ug/L		100	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	22.1		ug/L		88	72 - 123	3	15
Trichloroethene	ND		25.0	22.8		ug/L		91	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	28.0		ug/L		112	62 - 152	2	20
Vinyl chloride	ND		25.0	23.3		ug/L		93	65 - 133	3	15
Xylenes, Total	ND		50.0	49.8		ug/L		100	76 - 122	4	16
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1,2-Dichloroethane-d4 (Surr)	99		66 - 137								
4-Bromofluorobenzene (Surr)	96		73 - 120								
Toluene-d8 (Surr)	96		71 - 126								

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 480-173279/1-A**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 173634**

**Prep Batch: 173279**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Nitroaniline	ND		10	0.42	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/02/14 06:10	04/03/14 19:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
3-Nitroaniline	ND		10	0.48	ug/L		04/02/14 06:10	04/03/14 19:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Methylphenol	ND		10	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Nitroaniline	ND		10	0.25	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Nitrophenol	ND		10	1.5	ug/L		04/02/14 06:10	04/03/14 19:46	1
Acenaphthene	ND		5.0	0.41	ug/L		04/02/14 06:10	04/03/14 19:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/02/14 06:10	04/03/14 19:46	1
Acetophenone	ND		5.0	0.54	ug/L		04/02/14 06:10	04/03/14 19:46	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-173279/1-A

Matrix: Water

Analysis Batch: 173634

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 173279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		04/02/14 06:10	04/03/14 19:46	1
Anthracene	ND		5.0	0.28	ug/L		04/02/14 06:10	04/03/14 19:46	1
Atrazine	ND		5.0	0.46	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		04/02/14 06:10	04/03/14 19:46	1
Biphenyl	ND		5.0	0.65	ug/L		04/02/14 06:10	04/03/14 19:46	1
bis(2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/02/14 06:10	04/03/14 19:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/02/14 06:10	04/03/14 19:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/02/14 06:10	04/03/14 19:46	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		04/02/14 06:10	04/03/14 19:46	1
Caprolactam	ND		5.0	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
Carbazole	ND		5.0	0.30	ug/L		04/02/14 06:10	04/03/14 19:46	1
Chrysene	ND		5.0	0.33	ug/L		04/02/14 06:10	04/03/14 19:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/02/14 06:10	04/03/14 19:46	1
Dibenzofuran	ND		10	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/02/14 06:10	04/03/14 19:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		04/02/14 06:10	04/03/14 19:46	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/02/14 06:10	04/03/14 19:46	1
Fluoranthene	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
Fluorene	ND		5.0	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		04/02/14 06:10	04/03/14 19:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/03/14 19:46	1
Isophorone	ND		5.0	0.43	ug/L		04/02/14 06:10	04/03/14 19:46	1
Naphthalene	ND		5.0	0.76	ug/L		04/02/14 06:10	04/03/14 19:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		04/02/14 06:10	04/03/14 19:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		04/02/14 06:10	04/03/14 19:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1
Pentachlorophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
Phenanthrene	ND		5.0	0.44	ug/L		04/02/14 06:10	04/03/14 19:46	1
Phenol	ND		5.0	0.39	ug/L		04/02/14 06:10	04/03/14 19:46	1
Pyrene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/03/14 19:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 132	04/02/14 06:10	04/03/14 19:46	1
2-Fluorobiphenyl	91		48 - 120	04/02/14 06:10	04/03/14 19:46	1
2-Fluorophenol	66		20 - 120	04/02/14 06:10	04/03/14 19:46	1
Nitrobenzene-d5	97		46 - 120	04/02/14 06:10	04/03/14 19:46	1
Phenol-d5	42		16 - 120	04/02/14 06:10	04/03/14 19:46	1
p-Terphenyl-d14	126		67 - 150	04/02/14 06:10	04/03/14 19:46	1

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-173279/2-A**

**Matrix: Water**

**Analysis Batch: 173634**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 173279**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	31.0		ug/L		97	65 - 126
2,4,6-Trichlorophenol	32.0	36.5		ug/L		114	64 - 120
2,4-Dichlorophenol	32.0	34.8		ug/L		109	64 - 120
2,4-Dimethylphenol	32.0	33.6		ug/L		105	57 - 120
2,4-Dinitrophenol	64.0	49.2		ug/L		77	42 - 153
2,4-Dinitrotoluene	32.0	36.8		ug/L		115	65 - 154
2,6-Dinitrotoluene	32.0	35.9		ug/L		112	74 - 134
2-Chloronaphthalene	32.0	33.7		ug/L		105	41 - 124
2-Chlorophenol	32.0	32.3		ug/L		101	48 - 120
2-Methylnaphthalene	32.0	42.8	*	ug/L		134	34 - 122
2-Methylphenol	32.0	29.8		ug/L		93	39 - 120
2-Nitroaniline	32.0	39.6		ug/L		124	67 - 136
2-Nitrophenol	32.0	32.3		ug/L		101	59 - 120
3,3'-Dichlorobenzidine	32.0	35.7		ug/L		112	33 - 140
3-Nitroaniline	32.0	20.3		ug/L		63	28 - 86
4,6-Dinitro-2-methylphenol	64.0	68.4		ug/L		107	64 - 159
4-Bromophenyl phenyl ether	32.0	37.2		ug/L		116	71 - 126
4-Chloro-3-methylphenol	32.0	37.9		ug/L		118	64 - 120
4-Chloroaniline	32.0	21.0		ug/L		66	10 - 77
4-Chlorophenyl phenyl ether	32.0	34.7		ug/L		108	71 - 122
4-Methylphenol	32.0	30.2		ug/L		94	39 - 120
4-Nitroaniline	32.0	26.9		ug/L		84	47 - 113
4-Nitrophenol	64.0	39.0		ug/L		61	16 - 120
Acenaphthene	32.0	34.8		ug/L		109	60 - 120
Acenaphthylene	32.0	33.5		ug/L		105	63 - 120
Acetophenone	32.0	34.6		ug/L		108	45 - 120
Aniline	32.0	13.6		ug/L		42	37 - 120
Anthracene	32.0	36.1		ug/L		113	58 - 148
Atrazine	32.0	34.2		ug/L		107	56 - 179
Benzaldehyde	32.0	23.3		ug/L		73	30 - 140
Benzo(a)anthracene	32.0	34.7		ug/L		108	55 - 151
Benzo(a)pyrene	32.0	36.1		ug/L		113	60 - 145
Benzo(b)fluoranthene	32.0	39.5		ug/L		123	54 - 140
Benzo(g,h,i)perylene	32.0	31.6		ug/L		99	66 - 152
Benzo(k)fluoranthene	32.0	39.0		ug/L		122	51 - 153
Biphenyl	32.0	35.1		ug/L		110	30 - 140
bis (2-chloroisopropyl) ether	32.0	34.2		ug/L		107	28 - 136
Bis(2-chloroethoxy)methane	32.0	34.4		ug/L		107	50 - 128
Bis(2-chloroethyl)ether	32.0	31.7		ug/L		99	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	38.8		ug/L		121	53 - 158
Butyl benzyl phthalate	32.0	39.4		ug/L		123	58 - 163
Caprolactam	32.0	13.6		ug/L		42	14 - 56
Carbazole	32.0	33.6		ug/L		105	59 - 148
Chrysene	32.0	36.4		ug/L		114	69 - 140
Dibenz(a,h)anthracene	32.0	33.0		ug/L		103	57 - 148
Dibenzofuran	32.0	33.8		ug/L		106	49 - 137
Diethyl phthalate	32.0	37.5		ug/L		117	59 - 146
Dimethyl phthalate	32.0	37.3		ug/L		116	59 - 141

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-173279/2-A**

**Matrix: Water**

**Analysis Batch: 173634**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 173279**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	32.0	37.9		ug/L		118	58 - 149
Di-n-octyl phthalate	32.0	40.3		ug/L		126	55 - 167
Fluoranthene	32.0	34.6		ug/L		108	55 - 147
Fluorene	32.0	35.3		ug/L		110	55 - 143
Hexachlorobenzene	32.0	38.4	*	ug/L		120	14 - 108
Hexachlorobutadiene	32.0	30.5		ug/L		95	14 - 108
Hexachlorocyclopentadiene	32.0	16.5		ug/L		52	13 - 119
Hexachloroethane	32.0	32.7	*	ug/L		102	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	40.1		ug/L		125	69 - 146
Isophorone	32.0	38.4		ug/L		120	48 - 133
Naphthalene	32.0	32.0		ug/L		100	35 - 117
Nitrobenzene	32.0	37.7		ug/L		118	45 - 123
N-Nitrosodi-n-propylamine	32.0	38.6	*	ug/L		121	56 - 120
N-Nitrosodiphenylamine	32.0	39.9		ug/L		125	25 - 125
Pentachlorophenol	64.0	53.8		ug/L		84	39 - 136
Phenanthrene	32.0	36.2		ug/L		113	57 - 147
Phenol	32.0	20.3		ug/L		63	17 - 120
Pyrene	32.0	39.3		ug/L		123	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	119		52 - 132
2-Fluorobiphenyl	102		48 - 120
2-Fluorophenol	77		20 - 120
Nitrobenzene-d5	108		46 - 120
Phenol-d5	69		16 - 120
p-Terphenyl-d14	117		67 - 150

**Lab Sample ID: 480-56920-1 MS**

**Matrix: Water**

**Analysis Batch: 173634**

**Client Sample ID: BCC Area E DMH-E31 MS\_0314**

**Prep Type: Total/NA**

**Prep Batch: 173279**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	31.9		ug/L		100	65 - 126
2,4,6-Trichlorophenol	ND		32.0	36.3		ug/L		113	64 - 120
2,4-Dichlorophenol	ND		32.0	34.6		ug/L		108	64 - 120
2,4-Dimethylphenol	ND		32.0	35.8		ug/L		112	57 - 120
2,4-Dinitrophenol	ND		64.0	51.5		ug/L		80	42 - 153
2,4-Dinitrotoluene	16		32.0	54.0		ug/L		118	62 - 148
2,6-Dinitrotoluene	36		32.0	84.5	E	ug/L		151	65 - 154
2-Chloronaphthalene	ND		32.0	33.1		ug/L		103	41 - 124
2-Chlorophenol	1.1	J	32.0	31.4		ug/L		95	48 - 120
2-Methylnaphthalene	ND	*	32.0	42.2	F1	ug/L		132	34 - 122
2-Methylphenol	ND		32.0	30.7		ug/L		96	39 - 120
2-Nitroaniline	ND		32.0	33.1		ug/L		103	67 - 136
2-Nitrophenol	ND		32.0	32.2		ug/L		101	59 - 120
3,3'-Dichlorobenzidine	ND		32.0	20.1		ug/L		63	33 - 140
3-Nitroaniline	ND		32.0	17.5	F1	ug/L		55	69 - 129
4,6-Dinitro-2-methylphenol	ND		64.0	67.6		ug/L		106	64 - 159

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-56920-1 MS

Client Sample ID: BCC Area E DMH-E31 MS\_0314

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 173634

Prep Batch: 173279

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Bromophenyl phenyl ether	ND		32.0	35.9		ug/L		112	71 - 126
4-Chloro-3-methylphenol	ND		32.0	37.6		ug/L		117	64 - 120
4-Chloroaniline	1.4	J	32.0	11.8	F1	ug/L		33	60 - 124
4-Chlorophenyl phenyl ether	ND		32.0	32.4		ug/L		101	48 - 145
4-Methylphenol	ND		32.0	30.8		ug/L		96	36 - 120
4-Nitroaniline	ND		32.0	18.2	F1	ug/L		57	64 - 135
4-Nitrophenol	ND		64.0	45.8		ug/L		72	16 - 120
Acenaphthene	1.3	J	32.0	35.3		ug/L		106	60 - 120
Acenaphthylene	ND		32.0	31.5		ug/L		98	63 - 120
Acetophenone	ND		32.0	33.5		ug/L		105	45 - 120
Aniline	22		32.0	33.6	F1	ug/L		36	37 - 120
Anthracene	0.32	J	32.0	35.2		ug/L		109	58 - 148
Atrazine	ND		32.0	30.7		ug/L		96	56 - 179
Benzaldehyde	ND		32.0	12.5		ug/L		39	30 - 140
Benzo(a)anthracene	ND		32.0	28.7		ug/L		90	55 - 151
Benzo(a)pyrene	ND		32.0	27.6		ug/L		86	60 - 145
Benzo(b)fluoranthene	ND		32.0	27.5		ug/L		86	54 - 140
Benzo(g,h,i)perylene	ND		32.0	19.7	F1	ug/L		61	66 - 152
Benzo(k)fluoranthene	ND		32.0	31.6		ug/L		99	51 - 153
Biphenyl	ND		32.0	34.4		ug/L		108	30 - 140
bis(2-chloroisopropyl) ether	ND		32.0	32.6		ug/L		102	28 - 136
Bis(2-chloroethoxy)methane	ND		32.0	33.9		ug/L		106	50 - 128
Bis(2-chloroethyl)ether	33		32.0	31.1	F1	ug/L		-7	51 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	25.9		ug/L		81	53 - 158
Butyl benzyl phthalate	ND		32.0	35.4		ug/L		111	58 - 163
Caprolactam	ND		32.0	13.5		ug/L		42	30 - 140
Carbazole	1.1	J	32.0	34.3		ug/L		104	59 - 148
Chrysene	ND		32.0	30.8		ug/L		96	69 - 140
Dibenz(a,h)anthracene	ND		32.0	20.3		ug/L		63	57 - 158
Dibenzofuran	0.62	J	32.0	32.9		ug/L		101	49 - 137
Diethyl phthalate	ND		32.0	36.5		ug/L		114	59 - 146
Dimethyl phthalate	ND		32.0	35.7		ug/L		112	59 - 141
Di-n-butyl phthalate	ND		32.0	35.2		ug/L		110	58 - 149
Di-n-octyl phthalate	ND		32.0	27.1		ug/L		85	55 - 167
Fluoranthene	ND		32.0	32.2		ug/L		101	55 - 147
Fluorene	0.86	J	32.0	33.5		ug/L		102	55 - 143
Hexachlorobenzene	ND	*	32.0	36.3		ug/L		114	38 - 131
Hexachlorobutadiene	ND		32.0	30.3		ug/L		95	14 - 108
Hexachlorocyclopentadiene	ND		32.0	18.4		ug/L		57	13 - 119
Hexachloroethane	ND	*	32.0	33.1	F1	ug/L		104	14 - 101
Indeno(1,2,3-cd)pyrene	ND		32.0	25.7		ug/L		80	69 - 146
Isophorone	ND		32.0	37.5		ug/L		117	48 - 133
Naphthalene	2.1	J	32.0	32.6		ug/L		95	35 - 117
Nitrobenzene	ND		32.0	61.3	E F1	ug/L		192	45 - 123
N-Nitrosodi-n-propylamine	ND	*	32.0	37.8		ug/L		118	56 - 120
N-Nitrosodiphenylamine	ND		32.0	39.6		ug/L		124	25 - 125
Pentachlorophenol	ND		64.0	57.7		ug/L		90	39 - 136
Phenanthrene	0.99	J	32.0	35.5		ug/L		108	57 - 147

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-56920-1 MS**

**Matrix: Water**

**Analysis Batch: 173634**

**Client Sample ID: BCC Area E DMH-E31 MS\_0314**

**Prep Type: Total/NA**

**Prep Batch: 173279**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Phenol	2.8	J	32.0	22.7		ug/L		62	17 - 120
Pyrene	ND		32.0	35.4		ug/L		111	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	126		52 - 132
2-Fluorobiphenyl	100		48 - 120
2-Fluorophenol	74		20 - 120
Nitrobenzene-d5	101		46 - 120
Phenol-d5	64		16 - 120
p-Terphenyl-d14	86		67 - 150

**Lab Sample ID: 480-56920-1 MSD**

**Matrix: Water**

**Analysis Batch: 173634**

**Client Sample ID: BCC Area E DMH-E31 MSD\_0314**

**Prep Type: Total/NA**

**Prep Batch: 173279**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
2,4,5-Trichlorophenol	ND		32.0	31.8		ug/L		99	65 - 126	0	18
2,4,6-Trichlorophenol	ND		32.0	38.0		ug/L		119	64 - 120	4	19
2,4-Dichlorophenol	ND		32.0	35.2		ug/L		110	64 - 120	2	19
2,4-Dimethylphenol	ND		32.0	36.9		ug/L		115	57 - 120	3	42
2,4-Dinitrophenol	ND		64.0	48.8		ug/L		76	42 - 153	5	22
2,4-Dinitrotoluene	16		32.0	56.2		ug/L		125	62 - 148	4	20
2,6-Dinitrotoluene	36		32.0	73.3	E	ug/L		116	65 - 154	14	15
2-Chloronaphthalene	ND		32.0	34.3		ug/L		107	41 - 124	3	21
2-Chlorophenol	1.1	J	32.0	31.7		ug/L		96	48 - 120	1	25
2-Methylnaphthalene	ND	*	32.0	44.3	F1	ug/L		138	34 - 122	5	21
2-Methylphenol	ND		32.0	31.2		ug/L		97	39 - 120	2	27
2-Nitroaniline	ND		32.0	32.1		ug/L		100	67 - 136	3	15
2-Nitrophenol	ND		32.0	32.5		ug/L		101	59 - 120	1	18
3,3'-Dichlorobenzidine	ND		32.0	24.5		ug/L		76	33 - 140	19	25
3-Nitroaniline	ND		32.0	18.9	F1	ug/L		59	69 - 129	8	19
4,6-Dinitro-2-methylphenol	ND		64.0	66.5		ug/L		104	64 - 159	2	15
4-Bromophenyl phenyl ether	ND		32.0	37.0		ug/L		115	71 - 126	3	15
4-Chloro-3-methylphenol	ND		32.0	37.4		ug/L		117	64 - 120	0	27
4-Chloroaniline	1.4	J	32.0	13.6	F1	ug/L		38	60 - 124	14	22
4-Chlorophenyl phenyl ether	ND		32.0	34.4		ug/L		107	48 - 145	6	16
4-Methylphenol	ND		32.0	30.9		ug/L		97	36 - 120	0	24
4-Nitroaniline	ND		32.0	18.7	F1	ug/L		59	64 - 135	3	24
4-Nitrophenol	ND		64.0	40.5		ug/L		63	16 - 120	12	48
Acenaphthene	1.3	J	32.0	36.4		ug/L		109	60 - 120	3	24
Acenaphthylene	ND		32.0	32.9		ug/L		103	63 - 120	4	18
Acetophenone	ND		32.0	34.5		ug/L		108	45 - 120	3	20
Aniline	22		32.0	36.2		ug/L		44	37 - 120	7	30
Anthracene	0.32	J	32.0	34.4		ug/L		106	58 - 148	2	15
Atrazine	ND		32.0	32.2		ug/L		101	56 - 179	5	20
Benzaldehyde	ND		32.0	16.3	F2	ug/L		51	30 - 140	27	20
Benzo(a)anthracene	ND		32.0	28.3		ug/L		88	55 - 151	2	15
Benzo(a)pyrene	ND		32.0	27.3		ug/L		85	60 - 145	1	15

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-56920-1 MSD

Client Sample ID: BCC Area E DMH-E31 MSD\_0314

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 173634

Prep Batch: 173279

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzo(b)fluoranthene	ND		32.0	27.0		ug/L		84	54 - 140	2	15
Benzo(g,h,i)perylene	ND		32.0	18.0	F1	ug/L		56	66 - 152	9	15
Benzo(k)fluoranthene	ND		32.0	31.7		ug/L		99	51 - 153	0	22
Biphenyl	ND		32.0	35.9		ug/L		112	30 - 140	4	20
bis (2-chloroisopropyl) ether	ND		32.0	33.1		ug/L		103	28 - 136	1	24
Bis(2-chloroethoxy)methane	ND		32.0	34.7		ug/L		108	50 - 128	2	17
Bis(2-chloroethyl)ether	33		32.0	30.9	F1	ug/L		-7	51 - 120	1	21
Bis(2-ethylhexyl) phthalate	ND		32.0	25.4		ug/L		79	53 - 158	2	15
Butyl benzyl phthalate	ND		32.0	35.1		ug/L		110	58 - 163	1	16
Caprolactam	ND		32.0	6.02	F1 F2	ug/L		19	30 - 140	76	20
Carbazole	1.1	J	32.0	35.1		ug/L		106	59 - 148	2	20
Chrysene	ND		32.0	29.7		ug/L		93	69 - 140	3	15
Dibenz(a,h)anthracene	ND		32.0	18.9		ug/L		59	57 - 158	7	15
Dibenzofuran	0.62	J	32.0	34.4		ug/L		106	49 - 137	4	15
Diethyl phthalate	ND		32.0	37.4		ug/L		117	59 - 146	3	15
Dimethyl phthalate	ND		32.0	37.2		ug/L		116	59 - 141	4	15
Di-n-butyl phthalate	ND		32.0	36.2		ug/L		113	58 - 149	3	15
Di-n-octyl phthalate	ND		32.0	26.4		ug/L		83	55 - 167	2	16
Fluoranthene	ND		32.0	32.5		ug/L		102	55 - 147	1	15
Fluorene	0.86	J	32.0	35.3		ug/L		108	55 - 143	5	15
Hexachlorobenzene	ND	*	32.0	37.1		ug/L		116	38 - 131	2	15
Hexachlorobutadiene	ND		32.0	31.8		ug/L		99	14 - 108	5	44
Hexachlorocyclopentadiene	ND		32.0	19.9		ug/L		62	13 - 119	8	49
Hexachloroethane	ND	*	32.0	33.7	F1	ug/L		105	14 - 101	2	46
Indeno(1,2,3-cd)pyrene	ND		32.0	23.0		ug/L		72	69 - 146	11	15
Isophorone	ND		32.0	38.8		ug/L		121	48 - 133	3	17
Naphthalene	2.1	J	32.0	33.9		ug/L		99	35 - 117	4	29
Nitrobenzene	ND		32.0	63.7	E F1	ug/L		199	45 - 123	4	24
N-Nitrosodi-n-propylamine	ND	*	32.0	38.5		ug/L		120	56 - 120	2	31
N-Nitrosodiphenylamine	ND		32.0	41.5	F1	ug/L		130	25 - 125	5	15
Pentachlorophenol	ND		64.0	55.8		ug/L		87	39 - 136	3	37
Phenanthrene	0.99	J	32.0	37.1		ug/L		113	57 - 147	4	15
Phenol	2.8	J	32.0	22.9		ug/L		63	17 - 120	1	34
Pyrene	ND		32.0	35.2		ug/L		110	58 - 136	1	19

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	125		52 - 132
2-Fluorobiphenyl	102		48 - 120
2-Fluorophenol	74		20 - 120
Nitrobenzene-d5	105		46 - 120
Phenol-d5	65		16 - 120
p-Terphenyl-d14	85		67 - 150

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## GC/MS VOA

### Analysis Batch: 173902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56920-1	BCC Area E DMH-E31_0314	Total/NA	Water	8260C	
480-56920-2	BCC Area E DMH-E31 D_0314	Total/NA	Water	8260C	
480-56920-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-173902/56	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173902/7	Method Blank	Total/NA	Water	8260C	

### Analysis Batch: 174114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56920-1 MS	BCC Area E DMH-E31 MS_0314	Total/NA	Water	8260C	
480-56920-1 MSD	BCC Area E DMH-E31 MSD_0314	Total/NA	Water	8260C	
LCS 480-174114/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-174114/8	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 173279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56920-1	BCC Area E DMH-E31_0314	Total/NA	Water	3510C	
480-56920-1 MS	BCC Area E DMH-E31 MS_0314	Total/NA	Water	3510C	
480-56920-1 MSD	BCC Area E DMH-E31 MSD_0314	Total/NA	Water	3510C	
480-56920-2	BCC Area E DMH-E31 D_0314	Total/NA	Water	3510C	
LCS 480-173279/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-173279/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 173634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56920-1	BCC Area E DMH-E31_0314	Total/NA	Water	8270D	173279
480-56920-1 MS	BCC Area E DMH-E31 MS_0314	Total/NA	Water	8270D	173279
480-56920-1 MSD	BCC Area E DMH-E31 MSD_0314	Total/NA	Water	8270D	173279
480-56920-2	BCC Area E DMH-E31 D_0314	Total/NA	Water	8270D	173279
LCS 480-173279/2-A	Lab Control Sample	Total/NA	Water	8270D	173279
MB 480-173279/1-A	Method Blank	Total/NA	Water	8270D	173279

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

**Client Sample ID: BCC Area E DMH-E31\_0314**

**Lab Sample ID: 480-56920-1**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173902	04/04/14 17:02	NQN	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173634	04/04/14 00:14	KAC	TAL BUF

**Client Sample ID: BCC Area E DMH-E31 D\_0314**

**Lab Sample ID: 480-56920-2**

**Date Collected: 03/31/14 13:45**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173902	04/04/14 17:26	NQN	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173634	04/04/14 00:38	KAC	TAL BUF

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-56920-3**

**Date Collected: 03/31/14 00:00**

**Matrix: Water**

**Date Received: 03/31/14 16:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173902	04/04/14 17:50	NQN	TAL BUF

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

## Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	State Program	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14 *
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14 *
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14 *
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	03-31-14 *
Wisconsin	State Program	5	998310390	08-31-14

\* Expired certification is currently pending renewal and is considered valid.



# Method Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600





# Sample Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-56920-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56920-1	BCC Area E DMH-E31_0314	Water	03/31/14 13:45	03/31/14 16:00
480-56920-2	BCC Area E DMH-E31 D_0314	Water	03/31/14 13:45	03/31/14 16:00
480-56920-3	TRIP BLANK	Water	03/31/14 00:00	03/31/14 16:00

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



480-56920 Chain of Custody



# Chain of Custody Record

**TestAmerica Buffalo**  
10 Hazelwood Drive

Amherst, NY 14228  
phone 716.504.9852 fax 716.691.7991

TestAmerica Laboratories, Inc.

COC No. 262583-0314

Date: 3-31-14

Site Contact: Tom Wagner

Project Manager: Schove, John

Client Contact

Ontario Specialty Contracting Inc.

333 Ganson Street  
Buffalo, NY, 14203  
716-842-1630 Phone  
716-842-1630 FAX  
Project Name: Buffalo Color Area E Storm Sewer  
Site: HoneyWell Buffalo Color - NY5A9482 EIM SITE ID - 37745  
PO#: 52854

Analysis Turnaround Time  
Calendar (C) or Work Days (W) W  
 2 weeks  
 1 week  
 2 days  
 1 day

Job No. 0913-OMM  
SDC No.

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Specific Notes:
BCC_Area E_DMHE31_0314	3/31/14	1345	G	W	5	8708 - TLCA43 lit (TLCA YOC)
BCC_Area E_DMHE31D_0314	3/31/14	1345	G	W	5	8708 - TLCA43 lit (TLCA YOC)
BCC_Area E_DMHE31MS_0314	3/31/14	1400	G	W	5	8708 - TLCA43 lit (TLCA YOC)
BCC_Area E_DMHE31MSD_0314	3/31/14	1415	G	W	5	8708 - TLCA43 lit (TLCA YOC)
Trip Blank		N/A	N/A	W	3	

Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4= HNO3 (Nitric) 5= NaOH (Sodium Hydroxide) 6= Other  
Possible Hazard Identification  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Container Volume (ml)  
40 1000 200 1-A

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:

Containers Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tecler V=Vial  
Relinquished by: Tom Wagner Date/Time: 3/31/14 1606  
Relinquished by: OSL Date/Time: 3/31/14 1606  
Relinquished by: OSL Date/Time: 3/31/14 1606  
Relinquished by: OSL Date/Time: 3/31/14 1606

#2 3.9



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-56920-1

**Login Number: 56920**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Stau, Brandon 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.	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: 480-60768-1

Client Project/Site: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

6/10/2014 2:53:05 PM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
Surrogate Summary . . . . .	12
QC Sample Results . . . . .	14
QC Association Summary . . . . .	26
Lab Chronicle . . . . .	27
Certification Summary . . . . .	28
Method Summary . . . . .	29
Sample Summary . . . . .	30
Chain of Custody . . . . .	31
Receipt Checklists . . . . .	32

# Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control 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 exceeds the control limits
F2	MS/MSD RPD exceeds control limits
E	Result exceeded calibration range.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Job ID: 480-60768-1**

**Laboratory: TestAmerica Buffalo**

## Narrative

### Job Narrative 480-60768-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/29/2014 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 3.4° C and 3.8° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with analytical batch 185849 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-185849/3).

Method(s) 8270D: Pentachlorophenol has been identified, in the reference method and/or via historical data, to be a poor and/or erratic performer. This analyte may have a %D >60% if the average %D of all the analytes in the continuing calibration verification (CCV) is 30%.

Method(s) 8270D: The method blank MB 480-185003/1-A contained the analyte 4-Methylphenol above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 185003 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 186125 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-186125/3).

Method(s) 8270D: Pentachlorophenol has been identified, in the reference method and/or via historical data, to be a poor and/or erratic performer. This analyte may have a %D >60% if the average %D of all the analytes in the continuing calibration verification (CCV) is 30%.

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: BBC\_Area E\_DMHE31 (480-60768-1), BBC\_Area E\_DMHE31 MS (480-60768-1 MS), BBC\_Area E\_DMHE31 MSD (480-60768-1 MSD), BBC\_Area E\_DMHE31D (480-60768-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

Client Sample ID: BBC\_Area E\_DMH-E31\_0514

Lab Sample ID: 480-60768-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.3		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	5.1		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	0.98	J	1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	2.1		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	5.6		1.0	0.75	ug/L	1		8260C	Total/NA
4-Chloroaniline	1.9	J	5.0	0.59	ug/L	1		8270D	Total/NA
Aniline	1.3	J	10	0.61	ug/L	1		8270D	Total/NA
Benzaldehyde	0.32	J	5.0	0.27	ug/L	1		8270D	Total/NA
Carbazole	0.49	J	5.0	0.30	ug/L	1		8270D	Total/NA
Nitrobenzene	2.0	J	5.0	0.29	ug/L	1		8270D	Total/NA
2,4-Dinitrotoluene - DL	110		25	2.2	ug/L	5		8270D	Total/NA
2,6-Dinitrotoluene - DL	42		25	2.0	ug/L	5		8270D	Total/NA

Client Sample ID: BBC\_Area E\_DMH-E31D\_0514

Lab Sample ID: 480-60768-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.4		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	5.2		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	0.99	J	1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	2.2		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	8.1		1.0	0.75	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	41		5.0	0.40	ug/L	1		8270D	Total/NA
4-Chloroaniline	1.9	J	5.0	0.59	ug/L	1		8270D	Total/NA
Aniline	1.6	J	10	0.61	ug/L	1		8270D	Total/NA
Carbazole	0.46	J	5.0	0.30	ug/L	1		8270D	Total/NA
Nitrobenzene	2.1	J	5.0	0.29	ug/L	1		8270D	Total/NA
2,4-Dinitrotoluene - DL	120		25	2.2	ug/L	5		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Client Sample ID: BBC\_Area E\_DMH-E31\_0514**

**Lab Sample ID: 480-60768-1**

**Date Collected: 05/29/14 14:00**

**Matrix: Ground Water**

**Date Received: 05/29/14 15:45**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/09/14 12:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/14 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/14 12:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/14 12:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/14 12:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/14 12:53	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.3</b>		1.0	0.41	ug/L			06/09/14 12:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/14 12:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/14 12:53	1
<b>1,2-Dichlorobenzene</b>	<b>5.1</b>		1.0	0.79	ug/L			06/09/14 12:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/14 12:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/14 12:53	1
<b>1,3-Dichlorobenzene</b>	<b>0.98</b>	<b>J</b>	1.0	0.78	ug/L			06/09/14 12:53	1
<b>1,4-Dichlorobenzene</b>	<b>2.1</b>		1.0	0.84	ug/L			06/09/14 12:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/14 12:53	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/14 12:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/14 12:53	1
Acetone	ND		10	3.0	ug/L			06/09/14 12:53	1
Benzene	ND		1.0	0.41	ug/L			06/09/14 12:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/14 12:53	1
Bromoform	ND		1.0	0.26	ug/L			06/09/14 12:53	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/14 12:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/14 12:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/14 12:53	1
<b>Chlorobenzene</b>	<b>5.6</b>		1.0	0.75	ug/L			06/09/14 12:53	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/14 12:53	1
Chloroform	ND		1.0	0.34	ug/L			06/09/14 12:53	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/14 12:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/14 12:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/14 12:53	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/14 12:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/14 12:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/14 12:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/14 12:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/14 12:53	1
Methyl acetate	ND		2.5	0.50	ug/L			06/09/14 12:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/14 12:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/14 12:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/14 12:53	1
Styrene	ND		1.0	0.73	ug/L			06/09/14 12:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/14 12:53	1
Toluene	ND		1.0	0.51	ug/L			06/09/14 12:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/14 12:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/14 12:53	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/14 12:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/14 12:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/14 12:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/14 12:53	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Client Sample ID: BBC\_Area E\_DMH-E31\_0514**

**Lab Sample ID: 480-60768-1**

**Date Collected: 05/29/14 14:00**

**Matrix: Ground Water**

**Date Received: 05/29/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		06/09/14 12:53	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/09/14 12:53	1
Toluene-d8 (Surr)	100		71 - 126		06/09/14 12:53	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/31/14 07:27	06/05/14 23:22	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/31/14 07:27	06/05/14 23:22	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/31/14 07:27	06/05/14 23:22	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/31/14 07:27	06/05/14 23:22	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/31/14 07:27	06/05/14 23:22	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/31/14 07:27	06/05/14 23:22	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/31/14 07:27	06/05/14 23:22	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/31/14 07:27	06/05/14 23:22	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 23:22	1
2-Nitroaniline	ND		10	0.42	ug/L		05/31/14 07:27	06/05/14 23:22	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/31/14 07:27	06/05/14 23:22	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 23:22	1
3-Nitroaniline	ND	*	10	0.48	ug/L		05/31/14 07:27	06/05/14 23:22	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/31/14 07:27	06/05/14 23:22	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/31/14 07:27	06/05/14 23:22	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/31/14 07:27	06/05/14 23:22	1
<b>4-Chloroaniline</b>	<b>1.9</b>	<b>J</b>	5.0	0.59	ug/L		05/31/14 07:27	06/05/14 23:22	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/31/14 07:27	06/05/14 23:22	1
4-Methylphenol	ND	*	10	0.36	ug/L		05/31/14 07:27	06/05/14 23:22	1
4-Nitroaniline	ND		10	0.25	ug/L		05/31/14 07:27	06/05/14 23:22	1
4-Nitrophenol	ND		10	1.5	ug/L		05/31/14 07:27	06/05/14 23:22	1
Acenaphthene	ND		5.0	0.41	ug/L		05/31/14 07:27	06/05/14 23:22	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/31/14 07:27	06/05/14 23:22	1
Acetophenone	ND		5.0	0.54	ug/L		05/31/14 07:27	06/05/14 23:22	1
<b>Aniline</b>	<b>1.3</b>	<b>J</b>	10	0.61	ug/L		05/31/14 07:27	06/05/14 23:22	1
Anthracene	ND		5.0	0.28	ug/L		05/31/14 07:27	06/05/14 23:22	1
Atrazine	ND		5.0	0.46	ug/L		05/31/14 07:27	06/05/14 23:22	1
<b>Benzaldehyde</b>	<b>0.32</b>	<b>J</b>	5.0	0.27	ug/L		05/31/14 07:27	06/05/14 23:22	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/31/14 07:27	06/05/14 23:22	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/31/14 07:27	06/05/14 23:22	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/31/14 07:27	06/05/14 23:22	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/31/14 07:27	06/05/14 23:22	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/31/14 07:27	06/05/14 23:22	1
Biphenyl	ND		5.0	0.65	ug/L		05/31/14 07:27	06/05/14 23:22	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/31/14 07:27	06/05/14 23:22	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/31/14 07:27	06/05/14 23:22	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 23:22	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		05/31/14 07:27	06/05/14 23:22	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		05/31/14 07:27	06/05/14 23:22	1
Caprolactam	ND		5.0	2.2	ug/L		05/31/14 07:27	06/05/14 23:22	1
<b>Carbazole</b>	<b>0.49</b>	<b>J</b>	5.0	0.30	ug/L		05/31/14 07:27	06/05/14 23:22	1
Chrysene	ND		5.0	0.33	ug/L		05/31/14 07:27	06/05/14 23:22	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/31/14 07:27	06/05/14 23:22	1
Dibenzofuran	ND		10	0.51	ug/L		05/31/14 07:27	06/05/14 23:22	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Client Sample ID: BBC\_Area E\_DMH-E31\_0514**

**Lab Sample ID: 480-60768-1**

**Date Collected: 05/29/14 14:00**

**Matrix: Ground Water**

**Date Received: 05/29/14 15:45**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		5.0	0.22	ug/L		05/31/14 07:27	06/05/14 23:22	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/31/14 07:27	06/05/14 23:22	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/31/14 07:27	06/05/14 23:22	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/31/14 07:27	06/05/14 23:22	1
Fluoranthene	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 23:22	1
Fluorene	ND		5.0	0.36	ug/L		05/31/14 07:27	06/05/14 23:22	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/31/14 07:27	06/05/14 23:22	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/31/14 07:27	06/05/14 23:22	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/31/14 07:27	06/05/14 23:22	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/31/14 07:27	06/05/14 23:22	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/31/14 07:27	06/05/14 23:22	1
Isophorone	ND		5.0	0.43	ug/L		05/31/14 07:27	06/05/14 23:22	1
Naphthalene	ND		5.0	0.76	ug/L		05/31/14 07:27	06/05/14 23:22	1
<b>Nitrobenzene</b>	<b>2.0</b>	<b>J</b>	5.0	0.29	ug/L		05/31/14 07:27	06/05/14 23:22	1
N-Nitrosodi-n-propylamine	ND	*	5.0	0.54	ug/L		05/31/14 07:27	06/05/14 23:22	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/31/14 07:27	06/05/14 23:22	1
Pentachlorophenol	ND		10	2.2	ug/L		05/31/14 07:27	06/05/14 23:22	1
Phenanthrene	ND		5.0	0.44	ug/L		05/31/14 07:27	06/05/14 23:22	1
Phenol	ND		5.0	0.39	ug/L		05/31/14 07:27	06/05/14 23:22	1
Pyrene	ND		5.0	0.34	ug/L		05/31/14 07:27	06/05/14 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 132	05/31/14 07:27	06/05/14 23:22	1
2-Fluorobiphenyl	94		48 - 120	05/31/14 07:27	06/05/14 23:22	1
2-Fluorophenol	66		20 - 120	05/31/14 07:27	06/05/14 23:22	1
Nitrobenzene-d5	98		46 - 120	05/31/14 07:27	06/05/14 23:22	1
Phenol-d5	53		16 - 120	05/31/14 07:27	06/05/14 23:22	1
p-Terphenyl-d14	92		67 - 150	05/31/14 07:27	06/05/14 23:22	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>2,4-Dinitrotoluene</b>	<b>110</b>		25	2.2	ug/L		05/31/14 07:27	06/06/14 12:54	5
<b>2,6-Dinitrotoluene</b>	<b>42</b>		25	2.0	ug/L		05/31/14 07:27	06/06/14 12:54	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		52 - 132	05/31/14 07:27	06/06/14 12:54	5
2-Fluorobiphenyl	86		48 - 120	05/31/14 07:27	06/06/14 12:54	5
2-Fluorophenol	59		20 - 120	05/31/14 07:27	06/06/14 12:54	5
Nitrobenzene-d5	95		46 - 120	05/31/14 07:27	06/06/14 12:54	5
Phenol-d5	48		16 - 120	05/31/14 07:27	06/06/14 12:54	5
p-Terphenyl-d14	94		67 - 150	05/31/14 07:27	06/06/14 12:54	5

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Client Sample ID: BBC\_Area E\_DMH-E31D\_0514**

**Lab Sample ID: 480-60768-2**

**Date Collected: 05/29/14 14:00**

**Matrix: Water**

**Date Received: 05/29/14 15:45**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/09/14 13:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/14 13:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/14 13:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/14 13:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/14 13:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/14 13:18	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.4</b>		1.0	0.41	ug/L			06/09/14 13:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/14 13:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/14 13:18	1
<b>1,2-Dichlorobenzene</b>	<b>5.2</b>		1.0	0.79	ug/L			06/09/14 13:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/14 13:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/14 13:18	1
<b>1,3-Dichlorobenzene</b>	<b>0.99</b>	<b>J</b>	1.0	0.78	ug/L			06/09/14 13:18	1
<b>1,4-Dichlorobenzene</b>	<b>2.2</b>		1.0	0.84	ug/L			06/09/14 13:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/14 13:18	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/14 13:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/14 13:18	1
Acetone	ND		10	3.0	ug/L			06/09/14 13:18	1
Benzene	ND		1.0	0.41	ug/L			06/09/14 13:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/14 13:18	1
Bromoform	ND		1.0	0.26	ug/L			06/09/14 13:18	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/14 13:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/14 13:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/14 13:18	1
<b>Chlorobenzene</b>	<b>8.1</b>		1.0	0.75	ug/L			06/09/14 13:18	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/14 13:18	1
Chloroform	ND		1.0	0.34	ug/L			06/09/14 13:18	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/14 13:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/14 13:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/14 13:18	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/14 13:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/14 13:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/14 13:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/14 13:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/14 13:18	1
Methyl acetate	ND		2.5	0.50	ug/L			06/09/14 13:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/14 13:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/14 13:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/14 13:18	1
Styrene	ND		1.0	0.73	ug/L			06/09/14 13:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/14 13:18	1
Toluene	ND		1.0	0.51	ug/L			06/09/14 13:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/14 13:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/14 13:18	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/14 13:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/14 13:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/14 13:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/14 13:18	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Client Sample ID: BBC\_Area E\_DMH-E31D\_0514**

**Lab Sample ID: 480-60768-2**

**Date Collected: 05/29/14 14:00**

**Matrix: Water**

**Date Received: 05/29/14 15:45**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		06/09/14 13:18	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/09/14 13:18	1
Toluene-d8 (Surr)	101		71 - 126		06/09/14 13:18	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/31/14 07:27	06/06/14 05:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/31/14 07:27	06/06/14 05:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/31/14 07:27	06/06/14 05:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/31/14 07:27	06/06/14 05:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/31/14 07:27	06/06/14 05:01	1
<b>2,6-Dinitrotoluene</b>	<b>41</b>		5.0	0.40	ug/L		05/31/14 07:27	06/06/14 05:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/31/14 07:27	06/06/14 05:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/31/14 07:27	06/06/14 05:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/31/14 07:27	06/06/14 05:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/31/14 07:27	06/06/14 05:01	1
2-Nitroaniline	ND		10	0.42	ug/L		05/31/14 07:27	06/06/14 05:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/31/14 07:27	06/06/14 05:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/31/14 07:27	06/06/14 05:01	1
3-Nitroaniline	ND	*	10	0.48	ug/L		05/31/14 07:27	06/06/14 05:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/31/14 07:27	06/06/14 05:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/31/14 07:27	06/06/14 05:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/31/14 07:27	06/06/14 05:01	1
<b>4-Chloroaniline</b>	<b>1.9</b>	<b>J</b>	5.0	0.59	ug/L		05/31/14 07:27	06/06/14 05:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/31/14 07:27	06/06/14 05:01	1
4-Methylphenol	ND	*	10	0.36	ug/L		05/31/14 07:27	06/06/14 05:01	1
4-Nitroaniline	ND		10	0.25	ug/L		05/31/14 07:27	06/06/14 05:01	1
4-Nitrophenol	ND		10	1.5	ug/L		05/31/14 07:27	06/06/14 05:01	1
Acenaphthene	ND		5.0	0.41	ug/L		05/31/14 07:27	06/06/14 05:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/31/14 07:27	06/06/14 05:01	1
Acetophenone	ND		5.0	0.54	ug/L		05/31/14 07:27	06/06/14 05:01	1
<b>Aniline</b>	<b>1.6</b>	<b>J</b>	10	0.61	ug/L		05/31/14 07:27	06/06/14 05:01	1
Anthracene	ND		5.0	0.28	ug/L		05/31/14 07:27	06/06/14 05:01	1
Atrazine	ND		5.0	0.46	ug/L		05/31/14 07:27	06/06/14 05:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/31/14 07:27	06/06/14 05:01	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/31/14 07:27	06/06/14 05:01	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/31/14 07:27	06/06/14 05:01	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/31/14 07:27	06/06/14 05:01	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/31/14 07:27	06/06/14 05:01	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/31/14 07:27	06/06/14 05:01	1
Biphenyl	ND		5.0	0.65	ug/L		05/31/14 07:27	06/06/14 05:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/31/14 07:27	06/06/14 05:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/31/14 07:27	06/06/14 05:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/31/14 07:27	06/06/14 05:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		05/31/14 07:27	06/06/14 05:01	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		05/31/14 07:27	06/06/14 05:01	1
Caprolactam	ND		5.0	2.2	ug/L		05/31/14 07:27	06/06/14 05:01	1
<b>Carbazole</b>	<b>0.46</b>	<b>J</b>	5.0	0.30	ug/L		05/31/14 07:27	06/06/14 05:01	1
Chrysene	ND		5.0	0.33	ug/L		05/31/14 07:27	06/06/14 05:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/31/14 07:27	06/06/14 05:01	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Client Sample ID: BBC\_Area E\_DMH-E31D\_0514**

**Lab Sample ID: 480-60768-2**

**Date Collected: 05/29/14 14:00**

**Matrix: Water**

**Date Received: 05/29/14 15:45**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	0.51	ug/L		05/31/14 07:27	06/06/14 05:01	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/31/14 07:27	06/06/14 05:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/31/14 07:27	06/06/14 05:01	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/31/14 07:27	06/06/14 05:01	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/31/14 07:27	06/06/14 05:01	1
Fluoranthene	ND		5.0	0.40	ug/L		05/31/14 07:27	06/06/14 05:01	1
Fluorene	ND		5.0	0.36	ug/L		05/31/14 07:27	06/06/14 05:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/31/14 07:27	06/06/14 05:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/31/14 07:27	06/06/14 05:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/31/14 07:27	06/06/14 05:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/31/14 07:27	06/06/14 05:01	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/31/14 07:27	06/06/14 05:01	1
Isophorone	ND		5.0	0.43	ug/L		05/31/14 07:27	06/06/14 05:01	1
Naphthalene	ND		5.0	0.76	ug/L		05/31/14 07:27	06/06/14 05:01	1
<b>Nitrobenzene</b>	<b>2.1</b>	<b>J</b>	5.0	0.29	ug/L		05/31/14 07:27	06/06/14 05:01	1
N-Nitrosodi-n-propylamine	ND	*	5.0	0.54	ug/L		05/31/14 07:27	06/06/14 05:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/31/14 07:27	06/06/14 05:01	1
Pentachlorophenol	ND		10	2.2	ug/L		05/31/14 07:27	06/06/14 05:01	1
Phenanthrene	ND		5.0	0.44	ug/L		05/31/14 07:27	06/06/14 05:01	1
Phenol	ND		5.0	0.39	ug/L		05/31/14 07:27	06/06/14 05:01	1
Pyrene	ND		5.0	0.34	ug/L		05/31/14 07:27	06/06/14 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		52 - 132	05/31/14 07:27	06/06/14 05:01	1
2-Fluorobiphenyl	94		48 - 120	05/31/14 07:27	06/06/14 05:01	1
2-Fluorophenol	68		20 - 120	05/31/14 07:27	06/06/14 05:01	1
Nitrobenzene-d5	101		46 - 120	05/31/14 07:27	06/06/14 05:01	1
Phenol-d5	55		16 - 120	05/31/14 07:27	06/06/14 05:01	1
p-Terphenyl-d14	84		67 - 150	05/31/14 07:27	06/06/14 05:01	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>2,4-Dinitrotoluene</b>	<b>120</b>		25	2.2	ug/L		05/31/14 07:27	06/06/14 14:06	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		52 - 132	05/31/14 07:27	06/06/14 14:06	5
2-Fluorobiphenyl	97		48 - 120	05/31/14 07:27	06/06/14 14:06	5
2-Fluorophenol	69		20 - 120	05/31/14 07:27	06/06/14 14:06	5
Nitrobenzene-d5	105		46 - 120	05/31/14 07:27	06/06/14 14:06	5
Phenol-d5	55		16 - 120	05/31/14 07:27	06/06/14 14:06	5
p-Terphenyl-d14	100		67 - 150	05/31/14 07:27	06/06/14 14:06	5

TestAmerica Buffalo

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-60768-1	BBC_Area E_DMHE31_0514	101	96	100
480-60768-1 MS	BBC_Area E_DMHE31 MS_0514	100	101	101
480-60768-1 MSD	BBC_Area E_DMHE31 MSD_0514	100	102	100

**Surrogate Legend**

12DCE = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 TOL = Toluene-d8 (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-60768-2	BBC_Area E_DMHE31D_0514	100	99	101
LCS 480-186480/5	Lab Control Sample	101	100	100
MB 480-186480/7	Method Blank	99	98	99

**Surrogate Legend**

12DCE = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 TOL = Toluene-d8 (Surr)

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-60768-1	BBC_Area E_DMHE31_0514	101	94	66	98	53	92
480-60768-1 - DL	BBC_Area E_DMHE31_0514	85	86	59	95	48	94
480-60768-1 MS	BBC_Area E_DMHE31 MS_0514	100	97	73	103	65	87
480-60768-1 MSD	BBC_Area E_DMHE31 MSD_0514	70	95	47	105	28	81

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol  
 FBP = 2-Fluorobiphenyl  
 2FP = 2-Fluorophenol  
 NBZ = Nitrobenzene-d5  
 PHL = Phenol-d5  
 TPH = p-Terphenyl-d14

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-60768-2	BBC_Area E_DMHE31D_0514	97	94	68	101	55	84
480-60768-2 - DL	BBC_Area E_DMHE31D_0514	94	97	69	105	55	100
LCS 480-185003/2-A	Lab Control Sample	94	97	79	111	66	109
MB 480-185003/1-A	Method Blank	71	88	61	98	52	118

### Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-186480/7**

**Matrix: Water**

**Analysis Batch: 186480**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/09/14 12:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/14 12:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/14 12:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/14 12:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/14 12:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/14 12:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/09/14 12:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/14 12:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/14 12:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/09/14 12:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/14 12:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/14 12:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/09/14 12:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/09/14 12:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/14 12:18	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/14 12:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/14 12:18	1
Acetone	ND		10	3.0	ug/L			06/09/14 12:18	1
Benzene	ND		1.0	0.41	ug/L			06/09/14 12:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/14 12:18	1
Bromoform	ND		1.0	0.26	ug/L			06/09/14 12:18	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/14 12:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/14 12:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/14 12:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/09/14 12:18	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/14 12:18	1
Chloroform	ND		1.0	0.34	ug/L			06/09/14 12:18	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/14 12:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/14 12:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/14 12:18	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/14 12:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/14 12:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/14 12:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/14 12:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/14 12:18	1
Methyl acetate	ND		2.5	0.50	ug/L			06/09/14 12:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/14 12:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/14 12:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/14 12:18	1
Styrene	ND		1.0	0.73	ug/L			06/09/14 12:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/14 12:18	1
Toluene	ND		1.0	0.51	ug/L			06/09/14 12:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/14 12:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/14 12:18	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/14 12:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/14 12:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/14 12:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/14 12:18	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-186480/7**

**Matrix: Water**

**Analysis Batch: 186480**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		06/09/14 12:18	1
4-Bromofluorobenzene (Surr)	98		73 - 120		06/09/14 12:18	1
Toluene-d8 (Surr)	99		71 - 126		06/09/14 12:18	1

**Lab Sample ID: LCS 480-186480/5**

**Matrix: Water**

**Analysis Batch: 186480**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		96	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.0		ug/L		92	52 - 148
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	76 - 122
1,1-Dichloroethane	25.0	23.5		ug/L		94	71 - 129
1,1-Dichloroethene	25.0	23.1		ug/L		92	58 - 121
1,2,4-Trichlorobenzene	25.0	23.5		ug/L		94	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.3		ug/L		101	56 - 134
1,2-Dibromoethane	25.0	24.1		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	24.2		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	75 - 120
2-Butanone (MEK)	125	121		ug/L		97	57 - 140
2-Hexanone	125	123		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	120		ug/L		96	56 - 142
Benzene	25.0	23.3		ug/L		93	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	26.1		ug/L		105	52 - 132
Bromomethane	25.0	22.7		ug/L		91	55 - 144
Carbon disulfide	25.0	23.4		ug/L		94	59 - 134
Carbon tetrachloride	25.0	24.2		ug/L		97	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	72 - 120
Chloroethane	25.0	21.6		ug/L		86	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	24.2		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	24.3		ug/L		97	74 - 124
Cyclohexane	25.0	22.8		ug/L		91	59 - 135
Dibromochloromethane	25.0	24.7		ug/L		99	75 - 125
Dichlorodifluoromethane	25.0	23.0		ug/L		92	59 - 135
Ethylbenzene	25.0	22.9		ug/L		91	77 - 123
Isopropylbenzene	25.0	23.1		ug/L		92	77 - 122
Methyl acetate	125	121		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	64 - 127
Methylcyclohexane	25.0	22.9		ug/L		91	61 - 138

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-186480/5**

**Matrix: Water**

**Analysis Batch: 186480**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.8		ug/L		99	57 - 132
Styrene	25.0	22.9		ug/L		92	70 - 130
Tetrachloroethene	25.0	22.8		ug/L		91	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	24.7		ug/L		99	72 - 123
Trichloroethene	25.0	22.7		ug/L		91	74 - 123
Trichlorofluoromethane	25.0	23.5		ug/L		94	62 - 152
Vinyl chloride	25.0	23.3		ug/L		93	65 - 133
Xylenes, Total	50.0	46.4		ug/L		93	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	100		71 - 126

**Lab Sample ID: 480-60768-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 186480**

**Client Sample ID: BBC\_Area E\_DMH-E31 MS\_0514**

**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	24.3		ug/L		97	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	22.3		ug/L		89	70 - 126
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.8		ug/L		95	52 - 148
1,1,2-Trichloroethane	ND		25.0	22.5		ug/L		90	76 - 122
1,1-Dichloroethane	ND		25.0	23.1		ug/L		93	71 - 129
1,1-Dichloroethene	ND		25.0	23.9		ug/L		96	58 - 121
1,2,4-Trichlorobenzene	1.3		25.0	23.9		ug/L		90	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	22.3		ug/L		89	56 - 134
1,2-Dibromoethane	ND		25.0	23.1		ug/L		92	77 - 120
1,2-Dichlorobenzene	5.1		25.0	27.6		ug/L		90	80 - 124
1,2-Dichloroethane	ND		25.0	22.5		ug/L		90	75 - 127
1,2-Dichloropropane	ND		25.0	23.0		ug/L		92	76 - 120
1,3-Dichlorobenzene	0.98	J	25.0	23.5		ug/L		90	77 - 120
1,4-Dichlorobenzene	2.1		25.0	24.5		ug/L		90	75 - 120
2-Butanone (MEK)	ND		125	106		ug/L		85	57 - 140
2-Hexanone	ND		125	114		ug/L		91	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	110		ug/L		88	71 - 125
Acetone	ND		125	104		ug/L		83	56 - 142
Benzene	ND		25.0	22.7		ug/L		91	71 - 124
Bromodichloromethane	ND		25.0	22.9		ug/L		92	80 - 122
Bromoform	ND		25.0	22.7		ug/L		91	52 - 132
Bromomethane	ND		25.0	30.4		ug/L		122	55 - 144
Carbon disulfide	ND		25.0	22.9		ug/L		91	59 - 134
Carbon tetrachloride	ND		25.0	23.9		ug/L		96	72 - 134
Chlorobenzene	5.6		25.0	32.9		ug/L		109	72 - 120
Chloroethane	ND		25.0	25.0		ug/L		100	69 - 136

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-60768-1 MS**

**Client Sample ID: BBC\_Area E\_DMH-E31 MS\_0514**

**Matrix: Ground Water**

**Prep Type: Total/NA**

**Analysis Batch: 186480**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloroform	ND		25.0	23.1		ug/L		92	73 - 127
Chloromethane	ND		25.0	25.8		ug/L		103	68 - 124
cis-1,2-Dichloroethene	ND		25.0	22.4		ug/L		90	74 - 124
cis-1,3-Dichloropropene	ND		25.0	22.0		ug/L		88	74 - 124
Cyclohexane	ND		25.0	23.3		ug/L		93	59 - 135
Dibromochloromethane	ND		25.0	22.2		ug/L		89	75 - 125
Dichlorodifluoromethane	ND		25.0	25.7		ug/L		103	59 - 135
Ethylbenzene	ND		25.0	23.7		ug/L		95	77 - 123
Isopropylbenzene	ND		25.0	23.0		ug/L		92	77 - 122
Methyl acetate	ND		125	92.4		ug/L		74	74 - 133
Methyl tert-butyl ether	ND		25.0	21.6		ug/L		86	64 - 127
Methylcyclohexane	ND		25.0	23.1		ug/L		93	61 - 138
Methylene Chloride	ND		25.0	23.6		ug/L		95	57 - 132
Styrene	ND		25.0	23.6		ug/L		95	70 - 130
Tetrachloroethene	ND		25.0	23.3		ug/L		93	74 - 122
Toluene	ND		25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND		25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	ND		25.0	22.1		ug/L		88	72 - 123
Trichloroethene	ND		25.0	23.1		ug/L		92	74 - 123
Trichlorofluoromethane	ND		25.0	27.8		ug/L		111	62 - 152
Vinyl chloride	ND		25.0	26.4		ug/L		105	65 - 133
Xylenes, Total	ND		50.0	45.6		ug/L		91	76 - 122

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	101		71 - 126

**Lab Sample ID: 480-60768-1 MSD**

**Client Sample ID: BBC\_Area E\_DMH-E31 MSD\_0514**

**Matrix: Ground Water**

**Prep Type: Total/NA**

**Analysis Batch: 186480**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	26.6		ug/L		107	73 - 126	9	15
1,1,2,2-Tetrachloroethane	ND		25.0	23.3		ug/L		93	70 - 126	4	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.5		ug/L		106	52 - 148	11	20
1,1,2-Trichloroethane	ND		25.0	23.6		ug/L		94	76 - 122	4	15
1,1-Dichloroethane	ND		25.0	25.5		ug/L		102	71 - 129	10	20
1,1-Dichloroethene	ND		25.0	26.6		ug/L		107	58 - 121	11	16
1,2,4-Trichlorobenzene	1.3		25.0	25.9		ug/L		98	70 - 122	8	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.5		ug/L		94	56 - 134	5	15
1,2-Dibromoethane	ND		25.0	24.2		ug/L		97	77 - 120	5	15
1,2-Dichlorobenzene	5.1		25.0	30.0		ug/L		99	80 - 124	9	20
1,2-Dichloroethane	ND		25.0	24.4		ug/L		98	75 - 127	8	20
1,2-Dichloropropane	ND		25.0	24.3		ug/L		97	76 - 120	6	20
1,3-Dichlorobenzene	0.98	J	25.0	25.9		ug/L		100	77 - 120	10	20
1,4-Dichlorobenzene	2.1		25.0	26.0		ug/L		96	75 - 120	6	20

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-60768-1 MSD

Matrix: Ground Water

Analysis Batch: 186480

Client Sample ID: BBC\_Area E\_DMH-E31 MSD\_0514

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2-Butanone (MEK)	ND		125	112		ug/L		89	57 - 140	5	20
2-Hexanone	ND		125	118		ug/L		95	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		125	117		ug/L		94	71 - 125	6	35
Acetone	ND		125	110		ug/L		88	56 - 142	5	15
Benzene	ND		25.0	25.1		ug/L		101	71 - 124	10	13
Bromodichloromethane	ND		25.0	25.2		ug/L		101	80 - 122	10	15
Bromoform	ND		25.0	24.4		ug/L		97	52 - 132	7	15
Bromomethane	ND		25.0	27.5		ug/L		110	55 - 144	10	15
Carbon disulfide	ND		25.0	25.2		ug/L		101	59 - 134	10	15
Carbon tetrachloride	ND		25.0	26.7		ug/L		107	72 - 134	11	15
Chlorobenzene	5.6		25.0	34.8		ug/L		117	72 - 120	6	25
Chloroethane	ND		25.0	24.6		ug/L		98	69 - 136	2	15
Chloroform	ND		25.0	24.9		ug/L		100	73 - 127	7	20
Chloromethane	ND		25.0	26.6		ug/L		106	68 - 124	3	15
cis-1,2-Dichloroethene	ND		25.0	25.1		ug/L		100	74 - 124	11	15
cis-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	74 - 124	9	15
Cyclohexane	ND		25.0	26.0		ug/L		104	59 - 135	11	20
Dibromochloromethane	ND		25.0	24.5		ug/L		98	75 - 125	10	15
Dichlorodifluoromethane	ND		25.0	27.4		ug/L		109	59 - 135	6	20
Ethylbenzene	ND		25.0	25.8		ug/L		103	77 - 123	8	15
Isopropylbenzene	ND		25.0	25.3		ug/L		101	77 - 122	10	20
Methyl acetate	ND		125	97.5		ug/L		78	74 - 133	5	20
Methyl tert-butyl ether	ND		25.0	23.6		ug/L		94	64 - 127	9	37
Methylcyclohexane	ND		25.0	25.7		ug/L		103	61 - 138	11	20
Methylene Chloride	ND		25.0	25.6		ug/L		102	57 - 132	8	15
Styrene	ND		25.0	25.7		ug/L		103	70 - 130	8	20
Tetrachloroethene	ND		25.0	25.6		ug/L		102	74 - 122	9	20
Toluene	ND		25.0	25.4		ug/L		101	80 - 122	7	15
trans-1,2-Dichloroethene	ND		25.0	26.4		ug/L		106	73 - 127	11	20
trans-1,3-Dichloropropene	ND		25.0	24.6		ug/L		98	72 - 123	11	15
Trichloroethene	ND		25.0	25.1		ug/L		100	74 - 123	8	16
Trichlorofluoromethane	ND		25.0	27.3		ug/L		109	62 - 152	2	20
Vinyl chloride	ND		25.0	27.4		ug/L		110	65 - 133	4	15
Xylenes, Total	ND		50.0	50.2		ug/L		100	76 - 122	10	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	100		71 - 126

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-185003/1-A

Matrix: Water

Analysis Batch: 185849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 185003

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/31/14 07:27	06/05/14 21:46	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-185003/1-A**

**Matrix: Water**

**Analysis Batch: 185849**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/31/14 07:27	06/05/14 21:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/31/14 07:27	06/05/14 21:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/31/14 07:27	06/05/14 21:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/31/14 07:27	06/05/14 21:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/31/14 07:27	06/05/14 21:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 21:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/31/14 07:27	06/05/14 21:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/31/14 07:27	06/05/14 21:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/31/14 07:27	06/05/14 21:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 21:46	1
2-Nitroaniline	ND		10	0.42	ug/L		05/31/14 07:27	06/05/14 21:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/31/14 07:27	06/05/14 21:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 21:46	1
3-Nitroaniline	ND		10	0.48	ug/L		05/31/14 07:27	06/05/14 21:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/31/14 07:27	06/05/14 21:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/31/14 07:27	06/05/14 21:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/31/14 07:27	06/05/14 21:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/31/14 07:27	06/05/14 21:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/31/14 07:27	06/05/14 21:46	1
4-Methylphenol	0.605	J	10	0.36	ug/L		05/31/14 07:27	06/05/14 21:46	1
4-Nitroaniline	ND		10	0.25	ug/L		05/31/14 07:27	06/05/14 21:46	1
4-Nitrophenol	ND		10	1.5	ug/L		05/31/14 07:27	06/05/14 21:46	1
Acenaphthene	ND		5.0	0.41	ug/L		05/31/14 07:27	06/05/14 21:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/31/14 07:27	06/05/14 21:46	1
Acetophenone	ND		5.0	0.54	ug/L		05/31/14 07:27	06/05/14 21:46	1
Aniline	ND		10	0.61	ug/L		05/31/14 07:27	06/05/14 21:46	1
Anthracene	ND		5.0	0.28	ug/L		05/31/14 07:27	06/05/14 21:46	1
Atrazine	ND		5.0	0.46	ug/L		05/31/14 07:27	06/05/14 21:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/31/14 07:27	06/05/14 21:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/31/14 07:27	06/05/14 21:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/31/14 07:27	06/05/14 21:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/31/14 07:27	06/05/14 21:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/31/14 07:27	06/05/14 21:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/31/14 07:27	06/05/14 21:46	1
Biphenyl	ND		5.0	0.65	ug/L		05/31/14 07:27	06/05/14 21:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/31/14 07:27	06/05/14 21:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/31/14 07:27	06/05/14 21:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 21:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		05/31/14 07:27	06/05/14 21:46	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		05/31/14 07:27	06/05/14 21:46	1
Caprolactam	ND		5.0	2.2	ug/L		05/31/14 07:27	06/05/14 21:46	1
Carbazole	ND		5.0	0.30	ug/L		05/31/14 07:27	06/05/14 21:46	1
Chrysene	ND		5.0	0.33	ug/L		05/31/14 07:27	06/05/14 21:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/31/14 07:27	06/05/14 21:46	1
Dibenzofuran	ND		10	0.51	ug/L		05/31/14 07:27	06/05/14 21:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/31/14 07:27	06/05/14 21:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/31/14 07:27	06/05/14 21:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/31/14 07:27	06/05/14 21:46	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-185003/1-A**

**Matrix: Water**

**Analysis Batch: 185849**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/31/14 07:27	06/05/14 21:46	1
Fluoranthene	ND		5.0	0.40	ug/L		05/31/14 07:27	06/05/14 21:46	1
Fluorene	ND		5.0	0.36	ug/L		05/31/14 07:27	06/05/14 21:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/31/14 07:27	06/05/14 21:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/31/14 07:27	06/05/14 21:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/31/14 07:27	06/05/14 21:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/31/14 07:27	06/05/14 21:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/31/14 07:27	06/05/14 21:46	1
Isophorone	ND		5.0	0.43	ug/L		05/31/14 07:27	06/05/14 21:46	1
Naphthalene	ND		5.0	0.76	ug/L		05/31/14 07:27	06/05/14 21:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/31/14 07:27	06/05/14 21:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/31/14 07:27	06/05/14 21:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/31/14 07:27	06/05/14 21:46	1
Pentachlorophenol	ND		10	2.2	ug/L		05/31/14 07:27	06/05/14 21:46	1
Phenanthrene	ND		5.0	0.44	ug/L		05/31/14 07:27	06/05/14 21:46	1
Phenol	ND		5.0	0.39	ug/L		05/31/14 07:27	06/05/14 21:46	1
Pyrene	ND		5.0	0.34	ug/L		05/31/14 07:27	06/05/14 21:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		52 - 132	05/31/14 07:27	06/05/14 21:46	1
2-Fluorobiphenyl	88		48 - 120	05/31/14 07:27	06/05/14 21:46	1
2-Fluorophenol	61		20 - 120	05/31/14 07:27	06/05/14 21:46	1
Nitrobenzene-d5	98		46 - 120	05/31/14 07:27	06/05/14 21:46	1
Phenol-d5	52		16 - 120	05/31/14 07:27	06/05/14 21:46	1
p-Terphenyl-d14	118		67 - 150	05/31/14 07:27	06/05/14 21:46	1

**Lab Sample ID: LCS 480-185003/2-A**

**Matrix: Water**

**Analysis Batch: 185849**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	28.3		ug/L		88	65 - 126
2,4,6-Trichlorophenol	32.0	35.0		ug/L		110	64 - 120
2,4-Dichlorophenol	32.0	36.1		ug/L		113	64 - 120
2,4-Dimethylphenol	32.0	34.6		ug/L		108	57 - 120
2,4-Dinitrophenol	64.0	42.3		ug/L		66	42 - 153
2,4-Dinitrotoluene	32.0	33.1		ug/L		103	65 - 154
2,6-Dinitrotoluene	32.0	33.8		ug/L		106	74 - 134
2-Chloronaphthalene	32.0	33.6		ug/L		105	41 - 124
2-Chlorophenol	32.0	32.7		ug/L		102	48 - 120
2-Methylnaphthalene	32.0	32.8		ug/L		102	34 - 122
2-Methylphenol	32.0	32.0		ug/L		100	39 - 120
2-Nitroaniline	32.0	38.0		ug/L		119	67 - 136
2-Nitrophenol	32.0	32.7		ug/L		102	59 - 120
3,3'-Dichlorobenzidine	64.0	75.7	E	ug/L		118	33 - 140
3-Nitroaniline	32.0	32.0	*	ug/L		100	28 - 86
4,6-Dinitro-2-methylphenol	64.0	58.7		ug/L		92	64 - 159
4-Bromophenyl phenyl ether	32.0	33.7		ug/L		105	71 - 126

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-185003/2-A**

**Matrix: Water**

**Analysis Batch: 185849**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	32.0	37.0		ug/L		116	64 - 120
4-Chloroaniline	32.0	14.8		ug/L		46	10 - 77
4-Chlorophenyl phenyl ether	32.0	32.7		ug/L		102	71 - 122
4-Methylphenol	16.0	38.7	*	ug/L		242	39 - 120
4-Nitroaniline	32.0	16.4		ug/L		51	47 - 113
4-Nitrophenol	64.0	52.0		ug/L		81	16 - 120
Acenaphthene	32.0	33.6		ug/L		105	60 - 120
Acenaphthylene	32.0	33.0		ug/L		103	63 - 120
Acetophenone	32.0	35.9		ug/L		112	45 - 120
Aniline	32.0	24.3		ug/L		76	37 - 120
Anthracene	32.0	33.4		ug/L		104	58 - 148
Atrazine	64.0	64.6	E	ug/L		101	56 - 179
Benzaldehyde	64.0	49.6		ug/L		77	30 - 140
Benzo(a)anthracene	32.0	38.7		ug/L		121	55 - 151
Benzo(a)pyrene	32.0	35.0		ug/L		109	60 - 145
Benzo(b)fluoranthene	32.0	34.5		ug/L		108	54 - 140
Benzo(g,h,i)perylene	32.0	37.9		ug/L		118	66 - 152
Benzo(k)fluoranthene	32.0	32.8		ug/L		102	51 - 153
Biphenyl	32.0	36.5		ug/L		114	30 - 140
bis (2-chloroisopropyl) ether	32.0	38.1		ug/L		119	28 - 136
Bis(2-chloroethoxy)methane	32.0	36.1		ug/L		113	50 - 128
Bis(2-chloroethyl)ether	32.0	33.6		ug/L		105	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	33.8		ug/L		105	53 - 158
Butyl benzyl phthalate	32.0	36.6		ug/L		114	58 - 163
Caprolactam	64.0	15.3		ug/L		24	14 - 56
Carbazole	32.0	32.3		ug/L		101	59 - 148
Chrysene	32.0	35.0		ug/L		109	69 - 140
Dibenz(a,h)anthracene	32.0	33.3		ug/L		104	57 - 148
Dibenzofuran	32.0	31.0		ug/L		97	49 - 137
Diethyl phthalate	32.0	33.0		ug/L		103	59 - 146
Dimethyl phthalate	32.0	33.4		ug/L		104	59 - 141
Di-n-butyl phthalate	32.0	31.8		ug/L		99	58 - 149
Di-n-octyl phthalate	32.0	34.4		ug/L		107	55 - 167
Fluoranthene	32.0	32.0		ug/L		100	55 - 147
Fluorene	32.0	30.5		ug/L		95	55 - 143
Hexachlorobenzene	32.0	33.2		ug/L		104	14 - 108
Hexachlorobutadiene	32.0	28.7		ug/L		90	14 - 108
Hexachlorocyclopentadiene	32.0	25.2		ug/L		79	13 - 119
Hexachloroethane	32.0	30.2		ug/L		95	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	36.9		ug/L		115	69 - 146
Isophorone	32.0	40.4		ug/L		126	48 - 133
Naphthalene	32.0	30.3		ug/L		95	35 - 117
Nitrobenzene	32.0	38.4		ug/L		120	45 - 123
N-Nitrosodi-n-propylamine	32.0	41.1	*	ug/L		128	56 - 120
N-Nitrosodiphenylamine	64.0	56.1		ug/L		88	25 - 125
Pentachlorophenol	64.0	42.0		ug/L		66	39 - 136
Phenanthrene	32.0	33.6		ug/L		105	57 - 147
Phenol	32.0	21.1		ug/L		66	17 - 120

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-185003/2-A**

**Matrix: Water**

**Analysis Batch: 185849**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	32.0	35.8		ug/L		112	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	94		52 - 132
2-Fluorobiphenyl	97		48 - 120
2-Fluorophenol	79		20 - 120
Nitrobenzene-d5	111		46 - 120
Phenol-d5	66		16 - 120
p-Terphenyl-d14	109		67 - 150

**Lab Sample ID: 480-60768-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 186125**

**Client Sample ID: BBC\_Area E\_DMH-E31 MS\_0514**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	30.3		ug/L		95	65 - 126
2,4,6-Trichlorophenol	ND		32.0	35.1		ug/L		110	64 - 120
2,4-Dichlorophenol	ND		32.0	37.2		ug/L		116	64 - 120
2,4-Dimethylphenol	ND		32.0	37.8		ug/L		118	57 - 120
2,4-Dinitrophenol	ND		64.0	58.9		ug/L		92	42 - 153
2,4-Dinitrotoluene	110		32.0	132		ug/L		78	62 - 148
2,6-Dinitrotoluene	42		32.0	80.1		ug/L		120	65 - 154
2-Chloronaphthalene	ND		32.0	32.8		ug/L		102	41 - 124
2-Chlorophenol	ND		32.0	31.6		ug/L		99	48 - 120
2-Methylnaphthalene	ND		32.0	31.8		ug/L		99	34 - 122
2-Methylphenol	ND		32.0	31.9		ug/L		100	39 - 120
2-Nitroaniline	ND		32.0	37.2	J	ug/L		116	67 - 136
2-Nitrophenol	ND		32.0	29.8		ug/L		93	59 - 120
3,3'-Dichlorobenzidine	ND		64.0	52.5		ug/L		82	33 - 140
3-Nitroaniline	ND		32.0	32.3	J	ug/L		101	69 - 129
4,6-Dinitro-2-methylphenol	ND		64.0	72.6		ug/L		114	64 - 159
4-Bromophenyl phenyl ether	ND		32.0	33.1		ug/L		104	71 - 126
4-Chloro-3-methylphenol	ND		32.0	41.0	F1	ug/L		128	64 - 120
4-Chloroaniline	ND		32.0	18.0	J F1	ug/L		56	60 - 124
4-Chlorophenyl phenyl ether	ND		32.0	33.8		ug/L		106	48 - 145
4-Methylphenol	ND		16.0	23.4	J F1	ug/L		146	36 - 120
4-Nitroaniline	ND		32.0	26.7	J	ug/L		83	64 - 135
4-Nitrophenol	ND		64.0	87.4	F1	ug/L		137	16 - 120
Acenaphthene	ND		32.0	33.8		ug/L		106	60 - 120
Acenaphthylene	ND		32.0	33.0		ug/L		103	63 - 120
Acetophenone	ND		32.0	35.0		ug/L		109	45 - 120
Aniline	ND		32.0	24.6	J	ug/L		77	37 - 120
Anthracene	ND		32.0	33.5		ug/L		105	58 - 148
Atrazine	ND		64.0	68.8		ug/L		107	56 - 179
Benzaldehyde	ND		64.0	43.1		ug/L		67	30 - 140
Benzo(a)anthracene	ND		32.0	29.7		ug/L		93	55 - 151
Benzo(a)pyrene	ND		32.0	23.1	J	ug/L		72	60 - 145
Benzo(b)fluoranthene	ND		32.0	25.2		ug/L		79	54 - 140

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-60768-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 186125**

**Client Sample ID: BBC\_Area E\_DMH-E31 MS\_0514**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzo(g,h,i)perylene	ND		32.0	21.8	J	ug/L		68	66 - 152
Benzo(k)fluoranthene	ND		32.0	25.4		ug/L		79	51 - 153
Biphenyl	ND		32.0	36.2		ug/L		113	30 - 140
bis (2-chloroisopropyl) ether	ND		32.0	33.6		ug/L		105	28 - 136
Bis(2-chloroethoxy)methane	ND		32.0	33.9		ug/L		106	50 - 128
Bis(2-chloroethyl)ether	ND		32.0	31.9		ug/L		100	51 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	21.1	J	ug/L		66	53 - 158
Butyl benzyl phthalate	ND		32.0	35.8		ug/L		112	58 - 163
Caprolactam	ND		64.0	20.5	J	ug/L		32	30 - 140
Carbazole	ND		32.0	35.1		ug/L		110	59 - 148
Chrysene	ND		32.0	28.8		ug/L		90	69 - 140
Dibenz(a,h)anthracene	ND		32.0	18.9	J	ug/L		59	57 - 158
Dibenzofuran	ND		32.0	32.6	J	ug/L		102	49 - 137
Diethyl phthalate	ND		32.0	35.6		ug/L		111	59 - 146
Dimethyl phthalate	ND		32.0	34.0		ug/L		106	59 - 141
Di-n-butyl phthalate	ND		32.0	30.8		ug/L		96	58 - 149
Di-n-octyl phthalate	ND		32.0	20.6	J	ug/L		64	55 - 167
Fluoranthene	ND		32.0	32.1		ug/L		100	55 - 147
Fluorene	ND		32.0	32.3		ug/L		101	55 - 143
Hexachlorobenzene	ND		32.0	30.8		ug/L		96	38 - 131
Hexachlorobutadiene	ND		32.0	26.9		ug/L		84	14 - 108
Hexachlorocyclopentadiene	ND		32.0	25.3		ug/L		79	13 - 119
Hexachloroethane	ND		32.0	28.8		ug/L		90	14 - 101
Indeno(1,2,3-cd)pyrene	ND		32.0	21.9	J	ug/L		69	69 - 146
Isophorone	ND		32.0	38.0		ug/L		119	48 - 133
Naphthalene	ND		32.0	29.8		ug/L		93	35 - 117
Nitrobenzene	1.8		32.0	38.3		ug/L		114	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	38.7	F1	ug/L		121	56 - 120
N-Nitrosodiphenylamine	ND		64.0	58.6		ug/L		92	25 - 125
Pentachlorophenol	ND		64.0	48.2	J	ug/L		75	39 - 136
Phenanthrene	ND		32.0	34.2		ug/L		107	57 - 147
Phenol	ND		32.0	20.4	J	ug/L		64	17 - 120
Pyrene	ND		32.0	37.5		ug/L		117	58 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	100		52 - 132
2-Fluorobiphenyl	97		48 - 120
2-Fluorophenol	73		20 - 120
Nitrobenzene-d5	103		46 - 120
Phenol-d5	65		16 - 120
p-Terphenyl-d14	87		67 - 150

**Lab Sample ID: 480-60768-1 MSD**

**Matrix: Ground Water**

**Analysis Batch: 186125**

**Client Sample ID: BBC\_Area E\_DMH-E31 MSD\_0514**

**Prep Type: Total/NA**

**Prep Batch: 185003**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
2,4,5-Trichlorophenol	ND		32.0	26.7		ug/L		83	65 - 126	13	18

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-60768-1 MSD

Matrix: Ground Water

Analysis Batch: 186125

Client Sample ID: BBC\_Area E\_DMH-E31 MSD\_0514

Prep Type: Total/NA

Prep Batch: 185003

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2,4,6-Trichlorophenol	ND		32.0	31.6		ug/L		99	64 - 120	10	19
2,4-Dichlorophenol	ND		32.0	25.2	F2	ug/L		79	64 - 120	39	19
2,4-Dimethylphenol	ND		32.0	ND	F1	ug/L		0	57 - 120	NC	42
2,4-Dinitrophenol	ND		64.0	ND	F1	ug/L		0	42 - 153	NC	22
2,4-Dinitrotoluene	110		32.0	131		ug/L		75	62 - 148	1	20
2,6-Dinitrotoluene	42		32.0	70.7		ug/L		91	65 - 154	12	15
2-Chloronaphthalene	ND		32.0	32.4		ug/L		101	41 - 124	1	21
2-Chlorophenol	ND		32.0	22.9	J F2	ug/L		72	48 - 120	32	25
2-Methylnaphthalene	ND		32.0	31.2		ug/L		98	34 - 122	2	21
2-Methylphenol	ND		32.0	ND	F1	ug/L		0	39 - 120	NC	27
2-Nitroaniline	ND		32.0	10.7	J F1 F2	ug/L		33	67 - 136	111	15
2-Nitrophenol	ND		32.0	34.3		ug/L		107	59 - 120	14	18
3,3'-Dichlorobenzidine	ND		64.0	ND	F1	ug/L		0	33 - 140	NC	25
3-Nitroaniline	ND		32.0	12.1	J F1 F2	ug/L		38	69 - 129	91	19
4,6-Dinitro-2-methylphenol	ND		64.0	39.4	J F1 F2	ug/L		62	64 - 159	59	15
4-Bromophenyl phenyl ether	ND		32.0	30.7		ug/L		96	71 - 126	8	15
4-Chloro-3-methylphenol	ND		32.0	23.8	J F2	ug/L		74	64 - 120	53	27
4-Chloroaniline	ND		32.0	ND	F1	ug/L		0	60 - 124	NC	22
4-Chlorophenyl phenyl ether	ND		32.0	32.4		ug/L		101	48 - 145	4	16
4-Methylphenol	ND		16.0	ND	F1	ug/L		0	36 - 120	NC	24
4-Nitroaniline	ND		32.0	ND	F1	ug/L		0	64 - 135	NC	24
4-Nitrophenol	ND		64.0	71.0		ug/L		111	16 - 120	21	48
Acenaphthene	ND		32.0	32.1		ug/L		100	60 - 120	5	24
Acenaphthylene	ND		32.0	14.9	J F1 F2	ug/L		46	63 - 120	76	18
Acetophenone	ND		32.0	33.9		ug/L		106	45 - 120	3	20
Aniline	ND		32.0	21.3	J	ug/L		67	37 - 120	14	30
Anthracene	ND		32.0	12.1	J F1 F2	ug/L		38	58 - 148	94	15
Atrazine	ND		64.0	51.0	F2	ug/L		80	56 - 179	30	20
Benzaldehyde	ND		64.0	44.2		ug/L		69	30 - 140	2	20
Benzo(a)anthracene	ND		32.0	22.7	J F2	ug/L		71	55 - 151	27	15
Benzo(a)pyrene	ND		32.0	9.69	J F1 F2	ug/L		30	60 - 145	82	15
Benzo(b)fluoranthene	ND		32.0	29.5	F2	ug/L		92	54 - 140	16	15
Benzo(g,h,i)perylene	ND		32.0	25.5	F2	ug/L		80	66 - 152	16	15
Benzo(k)fluoranthene	ND		32.0	29.3		ug/L		92	51 - 153	14	22
Biphenyl	ND		32.0	36.5		ug/L		114	30 - 140	1	20
bis (2-chloroisopropyl) ether	ND		32.0	32.9		ug/L		103	28 - 136	2	24
Bis(2-chloroethoxy)methane	ND		32.0	33.4		ug/L		104	50 - 128	2	17
Bis(2-chloroethyl)ether	ND		32.0	31.4		ug/L		98	51 - 120	2	21
Bis(2-ethylhexyl) phthalate	ND		32.0	20.5	J	ug/L		64	53 - 158	3	15
Butyl benzyl phthalate	ND		32.0	31.4		ug/L		98	58 - 163	13	16
Caprolactam	ND		64.0	16.7	J F1	ug/L		26	30 - 140	20	20
Carbazole	ND		32.0	22.2	J F2	ug/L		69	59 - 148	45	20
Chrysene	ND		32.0	26.0		ug/L		81	69 - 140	10	15
Dibenz(a,h)anthracene	ND		32.0	22.3	J F2	ug/L		70	57 - 158	17	15
Dibenzofuran	ND		32.0	31.5	J	ug/L		98	49 - 137	4	15
Diethyl phthalate	ND		32.0	33.7		ug/L		105	59 - 146	5	15
Dimethyl phthalate	ND		32.0	33.1		ug/L		104	59 - 141	3	15
Di-n-butyl phthalate	ND		32.0	28.1		ug/L		88	58 - 149	9	15

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-60768-1 MSD

Matrix: Ground Water

Analysis Batch: 186125

Client Sample ID: BBC\_Area E\_DMH-E31 MSD\_0514

Prep Type: Total/NA

Prep Batch: 185003

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-octyl phthalate	ND		32.0	19.4	J	ug/L		61	55 - 167	6	16
Fluoranthene	ND		32.0	28.3		ug/L		89	55 - 147	12	15
Fluorene	ND		32.0	30.5		ug/L		95	55 - 143	6	15
Hexachlorobenzene	ND		32.0	28.4		ug/L		89	38 - 131	8	15
Hexachlorobutadiene	ND		32.0	27.9		ug/L		87	14 - 108	4	44
Hexachlorocyclopentadiene	ND		32.0	27.4		ug/L		86	13 - 119	8	49
Hexachloroethane	ND		32.0	28.9		ug/L		90	14 - 101	0	46
Indeno(1,2,3-cd)pyrene	ND		32.0	29.9	F2	ug/L		93	69 - 146	31	15
Isophorone	ND		32.0	36.9		ug/L		115	48 - 133	3	17
Naphthalene	ND		32.0	29.9		ug/L		94	35 - 117	0	29
Nitrobenzene	1.8		32.0	45.6	F1	ug/L		137	45 - 123	17	24
N-Nitrosodi-n-propylamine	ND		32.0	37.9		ug/L		118	56 - 120	2	31
N-Nitrosodiphenylamine	ND		64.0	ND	F1	ug/L		0	25 - 125	NC	15
Pentachlorophenol	ND		64.0	14.4	J F1 F2	ug/L		23	39 - 136	108	37
Phenanthrene	ND		32.0	31.4		ug/L		98	57 - 147	9	15
Phenol	ND		32.0	11.7	J F2	ug/L		37	17 - 120	54	34
Pyrene	ND		32.0	32.3		ug/L		101	58 - 136	15	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	70		52 - 132
2-Fluorobiphenyl	95		48 - 120
2-Fluorophenol	47		20 - 120
Nitrobenzene-d5	105		46 - 120
Phenol-d5	28		16 - 120
p-Terphenyl-d14	81		67 - 150

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## GC/MS VOA

### Analysis Batch: 186480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-60768-1	BBC_Area E_DMHE31_0514	Total/NA	Ground Water	8260C	
480-60768-1 MS	BBC_Area E_DMHE31 MS_0514	Total/NA	Ground Water	8260C	
480-60768-1 MSD	BBC_Area E_DMHE31 MSD_0514	Total/NA	Ground Water	8260C	
480-60768-2	BBC_Area E_DMHE31D_0514	Total/NA	Water	8260C	
LCS 480-186480/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-186480/7	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 185003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-60768-1 - DL	BBC_Area E_DMHE31_0514	Total/NA	Ground Water	3510C	
480-60768-1	BBC_Area E_DMHE31_0514	Total/NA	Ground Water	3510C	
480-60768-1 MS	BBC_Area E_DMHE31 MS_0514	Total/NA	Ground Water	3510C	
480-60768-1 MSD	BBC_Area E_DMHE31 MSD_0514	Total/NA	Ground Water	3510C	
480-60768-2 - DL	BBC_Area E_DMHE31D_0514	Total/NA	Water	3510C	
480-60768-2	BBC_Area E_DMHE31D_0514	Total/NA	Water	3510C	
LCS 480-185003/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-185003/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 185849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-60768-1	BBC_Area E_DMHE31_0514	Total/NA	Ground Water	8270D	185003
480-60768-2	BBC_Area E_DMHE31D_0514	Total/NA	Water	8270D	185003
LCS 480-185003/2-A	Lab Control Sample	Total/NA	Water	8270D	185003
MB 480-185003/1-A	Method Blank	Total/NA	Water	8270D	185003

### Analysis Batch: 186125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-60768-1 - DL	BBC_Area E_DMHE31_0514	Total/NA	Ground Water	8270D	185003
480-60768-1 MS	BBC_Area E_DMHE31 MS_0514	Total/NA	Ground Water	8270D	185003
480-60768-1 MSD	BBC_Area E_DMHE31 MSD_0514	Total/NA	Ground Water	8270D	185003
480-60768-2 - DL	BBC_Area E_DMHE31D_0514	Total/NA	Water	8270D	185003

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

**Client Sample ID: BBC\_Area E\_DMH-E31\_0514**

**Lab Sample ID: 480-60768-1**

**Date Collected: 05/29/14 14:00**

**Matrix: Ground Water**

**Date Received: 05/29/14 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	186480	06/09/14 12:53	GTG	TAL BUF
Total/NA	Prep	3510C			185003	05/31/14 07:27	TRG	TAL BUF
Total/NA	Analysis	8270D		1	185849	06/05/14 23:22	KAC	TAL BUF
Total/NA	Prep	3510C	DL		185003	05/31/14 07:27	TRG	TAL BUF
Total/NA	Analysis	8270D	DL	5	186125	06/06/14 12:54	KAC	TAL BUF

**Client Sample ID: BBC\_Area E\_DMH-E31D\_0514**

**Lab Sample ID: 480-60768-2**

**Date Collected: 05/29/14 14:00**

**Matrix: Water**

**Date Received: 05/29/14 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	186480	06/09/14 13:18	GTG	TAL BUF
Total/NA	Prep	3510C			185003	05/31/14 07:27	TRG	TAL BUF
Total/NA	Analysis	8270D		1	185849	06/06/14 05:01	KAC	TAL BUF
Total/NA	Prep	3510C	DL		185003	05/31/14 07:27	TRG	TAL BUF
Total/NA	Analysis	8270D	DL	5	186125	06/06/14 14:06	KAC	TAL BUF

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

## 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	03-31-15

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Method Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600





# Sample Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-60768-1

---

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-60768-1	BBC_Area E_DMH-E31_0514	Ground Water	05/29/14 14:00	05/29/14 15:45
480-60768-2	BBC_Area E_DMH-E31D_0514	Water	05/29/14 14:00	05/29/14 15:45

---

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Chain of Custody Record

TestAmerica Laboratories, Inc.  
COC No: 263449.0514  
1 of 1 COCs  
Job No. 0913-OMM

Project Manager: Schove, John  
Tel/Fax: (716) 912-9926  
Date: 5-29-14  
Carrier: OSSC

Site Contact: Tom Wagner  
Lab Contact: Schove, John

Client Contact  
Ontario Specialty Contracting Inc.  
333 Garrison Street  
Buffalo, NY, 14203  
716-856-3333  
716-842-1630  
Phone  
FAX

Analysis Turnaround Time  
Calendar (C) or Work Days (W) W  
TAT  
 2 weeks  
 1 week  
 2 days  
 1 day

Project Name: Buffalo Color Area E Storm Sewer  
Site: HoneyWell Buffalo Color - NY5A9482 EIM SITE ID - 37745  
PO# 52954

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Specific Notes
BCC_Area E_DMHE31_0514	5/29/14	1400	G	W	5	
BCC_Area E_DMHE31D_0514	5/29/14	1400	G	W	5	
BCC_Area E_DMHE31MS_0514	5/29/14	1400	G	W	5	
BCC_Area E_DMHE31MSD_0514	5/29/14	1400	G	W	5	
Trip Blank		N/A	N/A	W	3	

82698 - T.L.C 4.2 hrs (T.L.C Y03)  
82700 - (MOD) T.L.C SY0A - 4.2 hrs + online

480-60768 Chain of Custody

Container Volume (ml)  
40 1000 2-V 1-A

Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other

Possible Hazard Identification  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber/G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial  
Relinquished by: Tom Wagner Company: OSSC Date/Time: 5/29/14 1545  
Relinquished by: [Signature] Company: TA Buff. Date/Time: 5/29/14 1545  
Relinquished by: [Signature] Company: [Blank] Date/Time: [Blank]

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  Disposal By Lab  Archive For Months

#1 B.H. 3.8



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-60768-1

**Login Number: 60768**

**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.	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.	True	Yes: Samples checked, no residual chlorine detected

# 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: 480-66158-1

Client Project/Site: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

9/10/2014 11:24:05 AM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
Surrogate Summary . . . . .	14
QC Sample Results . . . . .	16
QC Association Summary . . . . .	28
Lab Chronicle . . . . .	29
Certification Summary . . . . .	30
Method Summary . . . . .	31
Sample Summary . . . . .	32
Chain of Custody . . . . .	33
Receipt Checklists . . . . .	34

# Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits

### 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 exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
$\alpha$	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

---

**Job ID: 480-66158-1**

---

**Laboratory: TestAmerica Buffalo**

---

**Narrative**

---

**Job Narrative**  
**480-66158-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 8/26/2014 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 11.0° C.

**GC/MS VOA**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**GC/MS Semi VOA**

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.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Detection Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Client Sample ID: BCC\_Area E\_DHM-E31\_0814

Lab Sample ID: 480-66158-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	4.0		1.0	0.41	ug/L			1	8260C	Total/NA
1,2-Dichlorobenzene	5.2		1.0	0.79	ug/L			1	8260C	Total/NA
1,3-Dichlorobenzene	2.9		1.0	0.78	ug/L			1	8260C	Total/NA
1,4-Dichlorobenzene	7.7		1.0	0.84	ug/L			1	8260C	Total/NA
Chlorobenzene	5.5		1.0	0.75	ug/L			1	8260C	Total/NA
2,4-Dinitrotoluene	1.1	J	9.6	0.52	ug/L			1	8270D	Total/NA
2,6-Dinitrotoluene	6.3	J	9.6	0.77	ug/L			1	8270D	Total/NA
Aniline	2.8	J	9.6	0.69	ug/L			1	8270D	Total/NA

## Client Sample ID: BCC\_Area E\_DHM-E31D\_0814

Lab Sample ID: 480-66158-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	3.0		1.0	0.41	ug/L			1	8260C	Total/NA
1,2-Dichlorobenzene	4.2		1.0	0.79	ug/L			1	8260C	Total/NA
1,3-Dichlorobenzene	2.3		1.0	0.78	ug/L			1	8260C	Total/NA
1,4-Dichlorobenzene	6.2		1.0	0.84	ug/L			1	8260C	Total/NA
Chlorobenzene	5.1		1.0	0.75	ug/L			1	8260C	Total/NA
2,4-Dinitrotoluene	1.1	J	9.9	0.53	ug/L			1	8270D	Total/NA
2,6-Dinitrotoluene	6.0	J	9.9	0.79	ug/L			1	8270D	Total/NA
Aniline	2.2	J	9.9	0.71	ug/L			1	8270D	Total/NA

## Client Sample ID: TRIP BLANK

Lab Sample ID: 480-66158-3

No Detections.



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: BCC\_Area E\_DHM-E31\_0814**

**Lab Sample ID: 480-66158-1**

**Date Collected: 08/26/14 12:00**

**Matrix: Ground Water**

**Date Received: 08/26/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 04:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 04:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 04:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 04:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 04:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 04:01	1
<b>1,2,4-Trichlorobenzene</b>	<b>4.0</b>		1.0	0.41	ug/L			09/09/14 04:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 04:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 04:01	1
<b>1,2-Dichlorobenzene</b>	<b>5.2</b>		1.0	0.79	ug/L			09/09/14 04:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 04:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 04:01	1
<b>1,3-Dichlorobenzene</b>	<b>2.9</b>		1.0	0.78	ug/L			09/09/14 04:01	1
<b>1,4-Dichlorobenzene</b>	<b>7.7</b>		1.0	0.84	ug/L			09/09/14 04:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 04:01	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 04:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 04:01	1
Acetone	ND		10	3.0	ug/L			09/09/14 04:01	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 04:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 04:01	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 04:01	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 04:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 04:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 04:01	1
<b>Chlorobenzene</b>	<b>5.5</b>		1.0	0.75	ug/L			09/09/14 04:01	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 04:01	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 04:01	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 04:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 04:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 04:01	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 04:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 04:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 04:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 04:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 04:01	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 04:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 04:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 04:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 04:01	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 04:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 04:01	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 04:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 04:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 04:01	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 04:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 04:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 04:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 04:01	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: BCC\_Area E\_DHM-E31\_0814**

**Lab Sample ID: 480-66158-1**

**Date Collected: 08/26/14 12:00**

**Matrix: Ground Water**

**Date Received: 08/26/14 16:00**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		09/09/14 04:01	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/09/14 04:01	1
Toluene-d8 (Surr)	101		71 - 126		09/09/14 04:01	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.6	1.5	ug/L		08/29/14 09:25	09/03/14 17:20	1
2,4,6-Trichlorophenol	ND		9.6	1.7	ug/L		08/29/14 09:25	09/03/14 17:20	1
2,4-Dichlorophenol	ND		1.9	0.32	ug/L		08/29/14 09:25	09/03/14 17:20	1
2,4-Dimethylphenol	ND		9.6	0.82	ug/L		08/29/14 09:25	09/03/14 17:20	1
2,4-Dinitrophenol	ND		48	5.9	ug/L		08/29/14 09:25	09/03/14 17:20	1
<b>2,4-Dinitrotoluene</b>	<b>1.1</b>	<b>J</b>	9.6	0.52	ug/L		08/29/14 09:25	09/03/14 17:20	1
<b>2,6-Dinitrotoluene</b>	<b>6.3</b>	<b>J</b>	9.6	0.77	ug/L		08/29/14 09:25	09/03/14 17:20	1
2-Chloronaphthalene	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1
2-Chlorophenol	ND		9.6	1.6	ug/L		08/29/14 09:25	09/03/14 17:20	1
2-Methylnaphthalene	ND		1.9	0.12	ug/L		08/29/14 09:25	09/03/14 17:20	1
2-Methylphenol	ND		9.6	0.83	ug/L		08/29/14 09:25	09/03/14 17:20	1
2-Nitroaniline	ND		48	3.4	ug/L		08/29/14 09:25	09/03/14 17:20	1
2-Nitrophenol	ND		9.6	1.6	ug/L		08/29/14 09:25	09/03/14 17:20	1
3,3'-Dichlorobenzidine	ND		9.6	1.1	ug/L		08/29/14 09:25	09/03/14 17:20	1
3-Nitroaniline	ND		48	3.1	ug/L		08/29/14 09:25	09/03/14 17:20	1
4,6-Dinitro-2-methylphenol	ND		48	2.1	ug/L		08/29/14 09:25	09/03/14 17:20	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		08/29/14 09:25	09/03/14 17:20	1
4-Chloro-3-methylphenol	ND		9.6	0.73	ug/L		08/29/14 09:25	09/03/14 17:20	1
4-Chloroaniline	ND		9.6	0.85	ug/L		08/29/14 09:25	09/03/14 17:20	1
4-Chlorophenyl phenyl ether	ND		9.6	0.48	ug/L		08/29/14 09:25	09/03/14 17:20	1
4-Methylphenol	ND		9.6	0.87	ug/L		08/29/14 09:25	09/03/14 17:20	1
4-Nitroaniline	ND		48	1.7	ug/L		08/29/14 09:25	09/03/14 17:20	1
4-Nitrophenol	ND		48	6.2	ug/L		08/29/14 09:25	09/03/14 17:20	1
Acenaphthene	ND		1.9	0.14	ug/L		08/29/14 09:25	09/03/14 17:20	1
Acenaphthylene	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1
Acetophenone	ND		9.6	0.77	ug/L		08/29/14 09:25	09/03/14 17:20	1
<b>Aniline</b>	<b>2.8</b>	<b>J</b>	9.6	0.69	ug/L		08/29/14 09:25	09/03/14 17:20	1
Anthracene	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1
Atrazine	ND		9.6	0.86	ug/L		08/29/14 09:25	09/03/14 17:20	1
Benzaldehyde	ND		9.6	1.4	ug/L		08/29/14 09:25	09/03/14 17:20	1
Benzo(a)anthracene	ND		1.9	0.14	ug/L		08/29/14 09:25	09/03/14 17:20	1
Benzo(a)pyrene	ND		1.9	0.13	ug/L		08/29/14 09:25	09/03/14 17:20	1
Benzo(b)fluoranthene	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1
Benzo(g,h,i)perylene	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1
Benzo(k)fluoranthene	ND		1.9	0.53	ug/L		08/29/14 09:25	09/03/14 17:20	1
Biphenyl	ND		9.6	0.40	ug/L		08/29/14 09:25	09/03/14 17:20	1
bis (2-chloroisopropyl) ether	ND		1.9	0.19	ug/L		08/29/14 09:25	09/03/14 17:20	1
Bis(2-chloroethoxy)methane	ND		9.6	0.56	ug/L		08/29/14 09:25	09/03/14 17:20	1
Bis(2-chloroethyl)ether	ND		1.9	0.24	ug/L		08/29/14 09:25	09/03/14 17:20	1
Bis(2-ethylhexyl) phthalate	ND		19	12	ug/L		08/29/14 09:25	09/03/14 17:20	1
Butyl benzyl phthalate	ND		9.6	1.4	ug/L		08/29/14 09:25	09/03/14 17:20	1
Caprolactam	ND		48	11	ug/L		08/29/14 09:25	09/03/14 17:20	1
Carbazole	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1
Chrysene	ND		1.9	0.13	ug/L		08/29/14 09:25	09/03/14 17:20	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: BCC\_Area E\_DHM-E31\_0814**

**Lab Sample ID: 480-66158-1**

**Date Collected: 08/26/14 12:00**

**Matrix: Ground Water**

**Date Received: 08/26/14 16:00**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1
Dibenzofuran	ND		9.6	0.59	ug/L		08/29/14 09:25	09/03/14 17:20	1
Diethyl phthalate	ND		9.6	1.4	ug/L		08/29/14 09:25	09/03/14 17:20	1
Dimethyl phthalate	ND		9.6	0.74	ug/L		08/29/14 09:25	09/03/14 17:20	1
Di-n-butyl phthalate	ND		9.6	1.2	ug/L		08/29/14 09:25	09/03/14 17:20	1
Di-n-octyl phthalate	ND		9.6	2.0	ug/L		08/29/14 09:25	09/03/14 17:20	1
Fluoranthene	ND		1.9	0.16	ug/L		08/29/14 09:25	09/03/14 17:20	1
Fluorene	ND		1.9	0.21	ug/L		08/29/14 09:25	09/03/14 17:20	1
Hexachlorobenzene	ND		1.9	0.18	ug/L		08/29/14 09:25	09/03/14 17:20	1
Hexachlorobutadiene	ND		1.9	0.16	ug/L		08/29/14 09:25	09/03/14 17:20	1
Hexachlorocyclopentadiene	ND		9.6	0.50	ug/L		08/29/14 09:25	09/03/14 17:20	1
Hexachloroethane	ND		9.6	0.60	ug/L		08/29/14 09:25	09/03/14 17:20	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.19	ug/L		08/29/14 09:25	09/03/14 17:20	1
Isophorone	ND		9.6	0.62	ug/L		08/29/14 09:25	09/03/14 17:20	1
Naphthalene	ND		1.9	0.13	ug/L		08/29/14 09:25	09/03/14 17:20	1
Nitrobenzene	ND		19	0.81	ug/L		08/29/14 09:25	09/03/14 17:20	1
N-Nitrosodi-n-propylamine	ND		1.9	0.30	ug/L		08/29/14 09:25	09/03/14 17:20	1
N-Nitrosodiphenylamine	ND		9.6	0.82	ug/L		08/29/14 09:25	09/03/14 17:20	1
Pentachlorophenol	ND		9.6	0.64	ug/L		08/29/14 09:25	09/03/14 17:20	1
Phenanthrene	ND		1.9	0.41	ug/L		08/29/14 09:25	09/03/14 17:20	1
Phenol	ND		1.9	0.56	ug/L		08/29/14 09:25	09/03/14 17:20	1
Pyrene	ND		1.9	0.15	ug/L		08/29/14 09:25	09/03/14 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	59		35 - 108	08/29/14 09:25	09/03/14 17:20	1
2-Fluorophenol	37		26 - 100	08/29/14 09:25	09/03/14 17:20	1
2,4,6-Tribromophenol	73		33 - 122	08/29/14 09:25	09/03/14 17:20	1
Nitrobenzene-d5	58		37 - 104	08/29/14 09:25	09/03/14 17:20	1
Phenol-d5	52		30 - 102	08/29/14 09:25	09/03/14 17:20	1
Terphenyl-d14 (Surr)	63		25 - 130	08/29/14 09:25	09/03/14 17:20	1

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: BCC\_Area E\_DHM-E31D\_0814**

**Lab Sample ID: 480-66158-2**

**Date Collected: 08/26/14 12:30**

**Matrix: Water**

**Date Received: 08/26/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 04:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 04:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 04:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 04:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 04:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 04:25	1
<b>1,2,4-Trichlorobenzene</b>	<b>3.0</b>		1.0	0.41	ug/L			09/09/14 04:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 04:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 04:25	1
<b>1,2-Dichlorobenzene</b>	<b>4.2</b>		1.0	0.79	ug/L			09/09/14 04:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 04:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 04:25	1
<b>1,3-Dichlorobenzene</b>	<b>2.3</b>		1.0	0.78	ug/L			09/09/14 04:25	1
<b>1,4-Dichlorobenzene</b>	<b>6.2</b>		1.0	0.84	ug/L			09/09/14 04:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 04:25	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 04:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 04:25	1
Acetone	ND		10	3.0	ug/L			09/09/14 04:25	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 04:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 04:25	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 04:25	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 04:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 04:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 04:25	1
<b>Chlorobenzene</b>	<b>5.1</b>		1.0	0.75	ug/L			09/09/14 04:25	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 04:25	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 04:25	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 04:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 04:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 04:25	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 04:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 04:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 04:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 04:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 04:25	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 04:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 04:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 04:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 04:25	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 04:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 04:25	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 04:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 04:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 04:25	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 04:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 04:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 04:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 04:25	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: BCC\_Area E\_DHM-E31D\_0814**

**Lab Sample ID: 480-66158-2**

**Date Collected: 08/26/14 12:30**

**Matrix: Water**

**Date Received: 08/26/14 16:00**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		09/09/14 04:25	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/09/14 04:25	1
Toluene-d8 (Surr)	100		71 - 126		09/09/14 04:25	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.9	1.5	ug/L		08/29/14 09:25	09/03/14 18:46	1
2,4,6-Trichlorophenol	ND		9.9	1.7	ug/L		08/29/14 09:25	09/03/14 18:46	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		08/29/14 09:25	09/03/14 18:46	1
2,4-Dimethylphenol	ND		9.9	0.84	ug/L		08/29/14 09:25	09/03/14 18:46	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		08/29/14 09:25	09/03/14 18:46	1
<b>2,4-Dinitrotoluene</b>	<b>1.1</b>	<b>J</b>	9.9	0.53	ug/L		08/29/14 09:25	09/03/14 18:46	1
<b>2,6-Dinitrotoluene</b>	<b>6.0</b>	<b>J</b>	9.9	0.79	ug/L		08/29/14 09:25	09/03/14 18:46	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 18:46	1
2-Chlorophenol	ND		9.9	1.6	ug/L		08/29/14 09:25	09/03/14 18:46	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		08/29/14 09:25	09/03/14 18:46	1
2-Methylphenol	ND		9.9	0.85	ug/L		08/29/14 09:25	09/03/14 18:46	1
2-Nitroaniline	ND		50	3.5	ug/L		08/29/14 09:25	09/03/14 18:46	1
2-Nitrophenol	ND		9.9	1.7	ug/L		08/29/14 09:25	09/03/14 18:46	1
3,3'-Dichlorobenzidine	ND		9.9	1.1	ug/L		08/29/14 09:25	09/03/14 18:46	1
3-Nitroaniline	ND		50	3.2	ug/L		08/29/14 09:25	09/03/14 18:46	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		08/29/14 09:25	09/03/14 18:46	1
4-Bromophenyl phenyl ether	ND		9.9	0.63	ug/L		08/29/14 09:25	09/03/14 18:46	1
4-Chloro-3-methylphenol	ND		9.9	0.75	ug/L		08/29/14 09:25	09/03/14 18:46	1
4-Chloroaniline	ND		9.9	0.88	ug/L		08/29/14 09:25	09/03/14 18:46	1
4-Chlorophenyl phenyl ether	ND		9.9	0.50	ug/L		08/29/14 09:25	09/03/14 18:46	1
4-Methylphenol	ND		9.9	0.89	ug/L		08/29/14 09:25	09/03/14 18:46	1
4-Nitroaniline	ND		50	1.7	ug/L		08/29/14 09:25	09/03/14 18:46	1
4-Nitrophenol	ND		50	6.4	ug/L		08/29/14 09:25	09/03/14 18:46	1
Acenaphthene	ND		2.0	0.14	ug/L		08/29/14 09:25	09/03/14 18:46	1
Acenaphthylene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 18:46	1
Acetophenone	ND		9.9	0.79	ug/L		08/29/14 09:25	09/03/14 18:46	1
<b>Aniline</b>	<b>2.2</b>	<b>J</b>	9.9	0.71	ug/L		08/29/14 09:25	09/03/14 18:46	1
Anthracene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 18:46	1
Atrazine	ND		9.9	0.88	ug/L		08/29/14 09:25	09/03/14 18:46	1
Benzaldehyde	ND		9.9	1.5	ug/L		08/29/14 09:25	09/03/14 18:46	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 18:46	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		08/29/14 09:25	09/03/14 18:46	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 18:46	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 18:46	1
Benzo(k)fluoranthene	ND		2.0	0.54	ug/L		08/29/14 09:25	09/03/14 18:46	1
Biphenyl	ND		9.9	0.41	ug/L		08/29/14 09:25	09/03/14 18:46	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		08/29/14 09:25	09/03/14 18:46	1
Bis(2-chloroethoxy)methane	ND		9.9	0.58	ug/L		08/29/14 09:25	09/03/14 18:46	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		08/29/14 09:25	09/03/14 18:46	1
Bis(2-ethylhexyl) phthalate	ND		20	12	ug/L		08/29/14 09:25	09/03/14 18:46	1
Butyl benzyl phthalate	ND		9.9	1.4	ug/L		08/29/14 09:25	09/03/14 18:46	1
Caprolactam	ND		50	12	ug/L		08/29/14 09:25	09/03/14 18:46	1
Carbazole	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 18:46	1
Chrysene	ND		2.0	0.14	ug/L		08/29/14 09:25	09/03/14 18:46	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: BCC\_Area E\_DHM-E31D\_0814**

**Lab Sample ID: 480-66158-2**

**Date Collected: 08/26/14 12:30**

**Matrix: Water**

**Date Received: 08/26/14 16:00**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 18:46	1
Dibenzofuran	ND		9.9	0.61	ug/L		08/29/14 09:25	09/03/14 18:46	1
Diethyl phthalate	ND		9.9	1.4	ug/L		08/29/14 09:25	09/03/14 18:46	1
Dimethyl phthalate	ND		9.9	0.76	ug/L		08/29/14 09:25	09/03/14 18:46	1
Di-n-butyl phthalate	ND		9.9	1.2	ug/L		08/29/14 09:25	09/03/14 18:46	1
Di-n-octyl phthalate	ND		9.9	2.0	ug/L		08/29/14 09:25	09/03/14 18:46	1
Fluoranthene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 18:46	1
Fluorene	ND		2.0	0.21	ug/L		08/29/14 09:25	09/03/14 18:46	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		08/29/14 09:25	09/03/14 18:46	1
Hexachlorobutadiene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 18:46	1
Hexachlorocyclopentadiene	ND		9.9	0.51	ug/L		08/29/14 09:25	09/03/14 18:46	1
Hexachloroethane	ND		9.9	0.62	ug/L		08/29/14 09:25	09/03/14 18:46	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		08/29/14 09:25	09/03/14 18:46	1
Isophorone	ND		9.9	0.64	ug/L		08/29/14 09:25	09/03/14 18:46	1
Naphthalene	ND		2.0	0.14	ug/L		08/29/14 09:25	09/03/14 18:46	1
Nitrobenzene	ND		20	0.83	ug/L		08/29/14 09:25	09/03/14 18:46	1
N-Nitrosodi-n-propylamine	ND		2.0	0.30	ug/L		08/29/14 09:25	09/03/14 18:46	1
N-Nitrosodiphenylamine	ND		9.9	0.84	ug/L		08/29/14 09:25	09/03/14 18:46	1
Pentachlorophenol	ND		9.9	0.66	ug/L		08/29/14 09:25	09/03/14 18:46	1
Phenanthrene	ND		2.0	0.42	ug/L		08/29/14 09:25	09/03/14 18:46	1
Phenol	ND		2.0	0.58	ug/L		08/29/14 09:25	09/03/14 18:46	1
Pyrene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		35 - 108	08/29/14 09:25	09/03/14 18:46	1
2-Fluorophenol	46		26 - 100	08/29/14 09:25	09/03/14 18:46	1
2,4,6-Tribromophenol	69		33 - 122	08/29/14 09:25	09/03/14 18:46	1
Nitrobenzene-d5	62		37 - 104	08/29/14 09:25	09/03/14 18:46	1
Phenol-d5	56		30 - 102	08/29/14 09:25	09/03/14 18:46	1
Terphenyl-d14 (Surr)	46		25 - 130	08/29/14 09:25	09/03/14 18:46	1

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-66158-3**

**Date Collected: 08/26/14 00:00**

**Matrix: Water**

**Date Received: 08/26/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 04:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 04:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 04:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 04:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 04:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 04:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/14 04:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 04:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 04:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/14 04:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 04:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 04:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/14 04:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/14 04:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 04:49	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 04:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 04:49	1
Acetone	ND		10	3.0	ug/L			09/09/14 04:49	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 04:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 04:49	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 04:49	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 04:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 04:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 04:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/14 04:49	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 04:49	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 04:49	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 04:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 04:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 04:49	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 04:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 04:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 04:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 04:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 04:49	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 04:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 04:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 04:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 04:49	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 04:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 04:49	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 04:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 04:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 04:49	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 04:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 04:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 04:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 04:49	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-66158-3**

**Date Collected: 08/26/14 00:00**

**Matrix: Water**

**Date Received: 08/26/14 16:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		09/09/14 04:49	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/09/14 04:49	1
Toluene-d8 (Surr)	98		71 - 126		09/09/14 04:49	1



# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## 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	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-66158-1	BCC_Area E_DHM-E31_0814	97	101	101
480-66158-1 MS	BCC_Area E_DHM-E31MS_0814	99	104	101
480-66158-1 MSD	BCC_Area E_DHM-E31MSD_0814	93	108	98

#### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 TOL = Toluene-d8 (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	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-66158-2	BCC_Area E_DHM-E31D_0814	96	101	100
480-66158-3	TRIP BLANK	97	101	98
LCS 480-201361/6	Lab Control Sample	95	102	101
MB 480-201361/8	Method Blank	96	102	98

#### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 TOL = Toluene-d8 (Surr)

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (35-108)	2FP (26-100)	TBP (33-122)	NBZ (37-104)	PHL (30-102)	TPH (25-130)
480-66158-1	BCC_Area E_DHM-E31_0814	59	37	73	58	52	63
480-66158-1 MS	BCC_Area E_DHM-E31MS_0814	64	41	77	62	49	41
480-66158-1 MSD	BCC_Area E_DHM-E31MSD_0814	64	41	80	62	48	41

#### Surrogate Legend

FBP = 2-Fluorobiphenyl  
 2FP = 2-Fluorophenol  
 TBP = 2,4,6-Tribromophenol  
 NBZ = Nitrobenzene-d5  
 PHL = Phenol-d5  
 TPH = Terphenyl-d14 (Surr)

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP (35-108)	2FP (26-100)	TBP (33-122)	NBZ (37-104)	PHL (30-102)	TPH (25-130)
480-66158-2	BCC_Area E_DHM-E31D_0814	63	46	69	62	56	46
LCS 180-116493/2-A	Lab Control Sample	68	75	81	70	75	74
MB 180-116493/1-A	Method Blank	79	87	76	82	88	83

### Surrogate Legend

FBP = 2-Fluorobiphenyl  
2FP = 2-Fluorophenol  
TBP = 2,4,6-Tribromophenol  
NBZ = Nitrobenzene-d5  
PHL = Phenol-d5  
TPH = Terphenyl-d14 (Surr)

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-201361/8**

**Matrix: Water**

**Analysis Batch: 201361**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 02:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 02:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 02:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 02:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 02:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 02:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/14 02:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 02:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 02:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/14 02:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 02:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 02:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/14 02:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/14 02:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 02:15	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 02:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 02:15	1
Acetone	ND		10	3.0	ug/L			09/09/14 02:15	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 02:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 02:15	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 02:15	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 02:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 02:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 02:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/14 02:15	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 02:15	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 02:15	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 02:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 02:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 02:15	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 02:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 02:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 02:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 02:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 02:15	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 02:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 02:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 02:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 02:15	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 02:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 02:15	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 02:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 02:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 02:15	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 02:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 02:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 02:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 02:15	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-201361/8**

**Matrix: Water**

**Analysis Batch: 201361**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		09/09/14 02:15	1
4-Bromofluorobenzene (Surr)	102		73 - 120		09/09/14 02:15	1
Toluene-d8 (Surr)	98		71 - 126		09/09/14 02:15	1

**Lab Sample ID: LCS 480-201361/6**

**Matrix: Water**

**Analysis Batch: 201361**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.6		ug/L		90	52 - 148
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	22.0		ug/L		88	71 - 129
1,1-Dichloroethene	25.0	22.8		ug/L		91	58 - 121
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		99	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		103	56 - 134
1,2-Dibromoethane	25.0	25.4		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	22.7		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	23.7		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	75 - 120
2-Butanone (MEK)	125	108		ug/L		86	57 - 140
2-Hexanone	125	107		ug/L		86	65 - 127
4-Methyl-2-pentanone (MIBK)	125	101		ug/L		81	71 - 125
Acetone	125	106		ug/L		84	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122
Bromoform	25.0	28.5		ug/L		114	52 - 132
Bromomethane	25.0	21.2		ug/L		85	55 - 144
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134
Carbon tetrachloride	25.0	24.0		ug/L		96	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	72 - 120
Chloroethane	25.0	20.1		ug/L		81	69 - 136
Chloroform	25.0	23.4		ug/L		93	73 - 127
Chloromethane	25.0	20.0		ug/L		80	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	27.1		ug/L		108	74 - 124
Cyclohexane	25.0	20.6		ug/L		82	59 - 135
Dibromochloromethane	25.0	27.2		ug/L		109	75 - 125
Dichlorodifluoromethane	25.0	17.4		ug/L		70	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	23.4		ug/L		93	77 - 122
Methyl acetate	125	92.6		ug/L		74	74 - 133
Methyl tert-butyl ether	25.0	22.9		ug/L		92	64 - 127
Methylcyclohexane	25.0	23.6		ug/L		94	61 - 138

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-201361/6**

**Matrix: Water**

**Analysis Batch: 201361**

**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	23.4		ug/L		94	57 - 132
Styrene	25.0	24.7		ug/L		99	70 - 130
Tetrachloroethene	25.0	23.6		ug/L		94	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	23.3		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	72 - 123
Trichloroethene	25.0	25.4		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	21.4		ug/L		86	62 - 152
Vinyl chloride	25.0	19.0		ug/L		76	65 - 133
Xylenes, Total	50.0	49.5		ug/L		99	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	101		71 - 126

**Lab Sample ID: 480-66158-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 201361**

**Client Sample ID: BCC\_Area E\_DHM-E31MS\_0814**

**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	31.4		ug/L		126	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	28.2		ug/L		113	70 - 126
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.3		ug/L		109	52 - 148
1,1,2-Trichloroethane	ND		25.0	27.5		ug/L		110	76 - 122
1,1-Dichloroethane	ND		25.0	28.6		ug/L		114	71 - 129
1,1-Dichloroethene	ND		25.0	29.4		ug/L		118	58 - 121
1,2,4-Trichlorobenzene	4.0		25.0	35.2	F1	ug/L		125	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	28.9		ug/L		116	56 - 134
1,2-Dibromoethane	ND		25.0	28.4		ug/L		114	77 - 120
1,2-Dichlorobenzene	5.2		25.0	34.8		ug/L		118	80 - 124
1,2-Dichloroethane	ND		25.0	27.0		ug/L		108	75 - 127
1,2-Dichloropropane	ND		25.0	28.9		ug/L		116	76 - 120
1,3-Dichlorobenzene	2.9		25.0	31.8		ug/L		116	77 - 120
1,4-Dichlorobenzene	7.7		25.0	37.2		ug/L		118	75 - 120
2-Butanone (MEK)	ND		125	131		ug/L		104	57 - 140
2-Hexanone	ND		125	120		ug/L		96	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	117		ug/L		93	71 - 125
Acetone	ND		125	135		ug/L		108	56 - 142
Benzene	ND		25.0	30.5		ug/L		122	71 - 124
Bromodichloromethane	ND		25.0	30.0		ug/L		120	80 - 122
Bromoform	ND		25.0	31.9		ug/L		128	52 - 132
Bromomethane	ND		25.0	27.2		ug/L		109	55 - 144
Carbon disulfide	ND		25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	ND		25.0	31.7		ug/L		127	72 - 134
Chlorobenzene	5.5		25.0	34.0		ug/L		114	72 - 120
Chloroethane	ND		25.0	25.6		ug/L		103	69 - 136

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-66158-1 MS**

**Client Sample ID: BCC\_Area E\_DHM-E31MS\_0814**

**Matrix: Ground Water**

**Prep Type: Total/NA**

**Analysis Batch: 201361**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloroform	ND		25.0	29.5		ug/L		118	73 - 127
Chloromethane	ND		25.0	25.1		ug/L		100	68 - 124
cis-1,2-Dichloroethene	ND		25.0	30.5		ug/L		122	74 - 124
cis-1,3-Dichloropropene	ND		25.0	31.0		ug/L		124	74 - 124
Cyclohexane	ND		25.0	27.2		ug/L		109	59 - 135
Dibromochloromethane	ND		25.0	29.8		ug/L		119	75 - 125
Dichlorodifluoromethane	ND		25.0	22.4		ug/L		90	59 - 135
Ethylbenzene	ND		25.0	28.8		ug/L		115	77 - 123
Isopropylbenzene	ND		25.0	28.8		ug/L		115	77 - 122
Methyl acetate	ND		125	110		ug/L		88	74 - 133
Methyl tert-butyl ether	ND		25.0	27.8		ug/L		111	64 - 127
Methylcyclohexane	ND		25.0	28.9		ug/L		116	61 - 138
Methylene Chloride	ND		25.0	28.8		ug/L		115	57 - 132
Styrene	ND		25.0	28.9		ug/L		116	70 - 130
Tetrachloroethene	ND		25.0	29.0		ug/L		116	74 - 122
Toluene	ND		25.0	29.1		ug/L		116	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.3		ug/L		121	73 - 127
trans-1,3-Dichloropropene	ND		25.0	30.3		ug/L		121	72 - 123
Trichloroethene	ND		25.0	30.6		ug/L		122	74 - 123
Trichlorofluoromethane	ND		25.0	29.2		ug/L		117	62 - 152
Vinyl chloride	ND		25.0	24.9		ug/L		100	65 - 133
Xylenes, Total	ND		50.0	59.2		ug/L		118	76 - 122

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	101		71 - 126

**Lab Sample ID: 480-66158-1 MSD**

**Client Sample ID: BCC\_Area E\_DHM-E31MSD\_0814**

**Matrix: Ground Water**

**Prep Type: Total/NA**

**Analysis Batch: 201361**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	31.3		ug/L		125	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	27.9		ug/L		112	70 - 126	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.0		ug/L		112	52 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	28.5		ug/L		114	76 - 122	4	15
1,1-Dichloroethane	ND		25.0	27.9		ug/L		111	71 - 129	2	20
1,1-Dichloroethene	ND		25.0	29.5		ug/L		118	58 - 121	0	16
1,2,4-Trichlorobenzene	4.0		25.0	34.1		ug/L		121	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	29.5		ug/L		118	56 - 134	2	15
1,2-Dibromoethane	ND		25.0	29.5		ug/L		118	77 - 120	4	15
1,2-Dichlorobenzene	5.2		25.0	34.4		ug/L		117	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	26.7		ug/L		107	75 - 127	1	20
1,2-Dichloropropane	ND		25.0	28.9		ug/L		116	76 - 120	0	20
1,3-Dichlorobenzene	2.9		25.0	32.3		ug/L		118	77 - 120	1	20
1,4-Dichlorobenzene	7.7		25.0	36.9		ug/L		117	75 - 120	1	20

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-66158-1 MSD

Client Sample ID: BCC\_Area E\_DHM-E31MSD\_0814

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 201361

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2-Butanone (MEK)	ND		125	122		ug/L		98	57 - 140	7	20
2-Hexanone	ND		125	116		ug/L		93	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		91	71 - 125	3	35
Acetone	ND		125	132		ug/L		105	56 - 142	2	15
Benzene	ND		25.0	30.1		ug/L		120	71 - 124	1	13
Bromodichloromethane	ND		25.0	29.8		ug/L		119	80 - 122	1	15
Bromoform	ND		25.0	33.7	F1	ug/L		135	52 - 132	5	15
Bromomethane	ND		25.0	26.1		ug/L		104	55 - 144	4	15
Carbon disulfide	ND		25.0	27.7		ug/L		111	59 - 134	5	15
Carbon tetrachloride	ND		25.0	31.7		ug/L		127	72 - 134	0	15
Chlorobenzene	5.5		25.0	34.5		ug/L		116	72 - 120	1	25
Chloroethane	ND		25.0	25.1		ug/L		101	69 - 136	2	15
Chloroform	ND		25.0	28.8		ug/L		115	73 - 127	2	20
Chloromethane	ND		25.0	26.1		ug/L		104	68 - 124	4	15
cis-1,2-Dichloroethene	ND		25.0	29.7		ug/L		119	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	30.8		ug/L		123	74 - 124	1	15
Cyclohexane	ND		25.0	26.6		ug/L		106	59 - 135	2	20
Dibromochloromethane	ND		25.0	31.3		ug/L		125	75 - 125	5	15
Dichlorodifluoromethane	ND		25.0	23.5		ug/L		94	59 - 135	5	20
Ethylbenzene	ND		25.0	30.3		ug/L		121	77 - 123	5	15
Isopropylbenzene	ND		25.0	29.0		ug/L		116	77 - 122	1	20
Methyl acetate	ND		125	108		ug/L		87	74 - 133	1	20
Methyl tert-butyl ether	ND		25.0	27.9		ug/L		112	64 - 127	0	37
Methylcyclohexane	ND		25.0	29.0		ug/L		116	61 - 138	0	20
Methylene Chloride	ND		25.0	29.2		ug/L		117	57 - 132	1	15
Styrene	ND		25.0	30.6		ug/L		122	70 - 130	6	20
Tetrachloroethene	ND		25.0	29.9		ug/L		120	74 - 122	3	20
Toluene	ND		25.0	29.3		ug/L		117	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	30.7		ug/L		123	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	30.1		ug/L		120	72 - 123	1	15
Trichloroethene	ND		25.0	30.6		ug/L		122	74 - 123	0	16
Trichlorofluoromethane	ND		25.0	29.3		ug/L		117	62 - 152	0	20
Vinyl chloride	ND		25.0	24.9		ug/L		100	65 - 133	0	15
Xylenes, Total	ND		50.0	61.0		ug/L		122	76 - 122	3	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		66 - 137
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	98		71 - 126

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-116493/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 116828

Prep Batch: 116493

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		08/29/14 09:25	09/03/14 11:10	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-116493/1-A

Matrix: Water

Analysis Batch: 116828

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116493

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		08/29/14 09:25	09/03/14 11:10	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		08/29/14 09:25	09/03/14 11:10	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		08/29/14 09:25	09/03/14 11:10	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		08/29/14 09:25	09/03/14 11:10	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		08/29/14 09:25	09/03/14 11:10	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		08/29/14 09:25	09/03/14 11:10	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 11:10	1
2-Chlorophenol	ND		10	1.7	ug/L		08/29/14 09:25	09/03/14 11:10	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		08/29/14 09:25	09/03/14 11:10	1
2-Methylphenol	ND		10	0.86	ug/L		08/29/14 09:25	09/03/14 11:10	1
2-Nitroaniline	ND		50	3.5	ug/L		08/29/14 09:25	09/03/14 11:10	1
2-Nitrophenol	ND		10	1.7	ug/L		08/29/14 09:25	09/03/14 11:10	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		08/29/14 09:25	09/03/14 11:10	1
3-Nitroaniline	ND		50	3.2	ug/L		08/29/14 09:25	09/03/14 11:10	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		08/29/14 09:25	09/03/14 11:10	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		08/29/14 09:25	09/03/14 11:10	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		08/29/14 09:25	09/03/14 11:10	1
4-Chloroaniline	ND		10	0.89	ug/L		08/29/14 09:25	09/03/14 11:10	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		08/29/14 09:25	09/03/14 11:10	1
4-Methylphenol	ND		10	0.90	ug/L		08/29/14 09:25	09/03/14 11:10	1
4-Nitroaniline	ND		50	1.7	ug/L		08/29/14 09:25	09/03/14 11:10	1
4-Nitrophenol	ND		50	6.5	ug/L		08/29/14 09:25	09/03/14 11:10	1
Acenaphthene	ND		2.0	0.14	ug/L		08/29/14 09:25	09/03/14 11:10	1
Acenaphthylene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 11:10	1
Acetophenone	ND		10	0.80	ug/L		08/29/14 09:25	09/03/14 11:10	1
Aniline	ND		10	0.72	ug/L		08/29/14 09:25	09/03/14 11:10	1
Anthracene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 11:10	1
Atrazine	ND		10	0.89	ug/L		08/29/14 09:25	09/03/14 11:10	1
Benzaldehyde	ND		10	1.5	ug/L		08/29/14 09:25	09/03/14 11:10	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 11:10	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		08/29/14 09:25	09/03/14 11:10	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 11:10	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		08/29/14 09:25	09/03/14 11:10	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		08/29/14 09:25	09/03/14 11:10	1
Biphenyl	ND		10	0.42	ug/L		08/29/14 09:25	09/03/14 11:10	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		08/29/14 09:25	09/03/14 11:10	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		08/29/14 09:25	09/03/14 11:10	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		08/29/14 09:25	09/03/14 11:10	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		08/29/14 09:25	09/03/14 11:10	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		08/29/14 09:25	09/03/14 11:10	1
Caprolactam	ND		50	12	ug/L		08/29/14 09:25	09/03/14 11:10	1
Carbazole	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 11:10	1
Chrysene	ND		2.0	0.14	ug/L		08/29/14 09:25	09/03/14 11:10	1
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 11:10	1
Dibenzofuran	ND		10	0.62	ug/L		08/29/14 09:25	09/03/14 11:10	1
Diethyl phthalate	ND		10	1.5	ug/L		08/29/14 09:25	09/03/14 11:10	1
Dimethyl phthalate	ND		10	0.77	ug/L		08/29/14 09:25	09/03/14 11:10	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		08/29/14 09:25	09/03/14 11:10	1

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 180-116493/1-A**

**Matrix: Water**

**Analysis Batch: 116828**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 116493**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		10	2.1	ug/L		08/29/14 09:25	09/03/14 11:10	1
Fluoranthene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 11:10	1
Fluorene	ND		2.0	0.22	ug/L		08/29/14 09:25	09/03/14 11:10	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		08/29/14 09:25	09/03/14 11:10	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		08/29/14 09:25	09/03/14 11:10	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		08/29/14 09:25	09/03/14 11:10	1
Hexachloroethane	ND		10	0.63	ug/L		08/29/14 09:25	09/03/14 11:10	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		08/29/14 09:25	09/03/14 11:10	1
Isophorone	ND		10	0.64	ug/L		08/29/14 09:25	09/03/14 11:10	1
Naphthalene	ND		2.0	0.14	ug/L		08/29/14 09:25	09/03/14 11:10	1
Nitrobenzene	ND		20	0.84	ug/L		08/29/14 09:25	09/03/14 11:10	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		08/29/14 09:25	09/03/14 11:10	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		08/29/14 09:25	09/03/14 11:10	1
Pentachlorophenol	ND		10	0.66	ug/L		08/29/14 09:25	09/03/14 11:10	1
Phenanthrene	ND		2.0	0.43	ug/L		08/29/14 09:25	09/03/14 11:10	1
Phenol	ND		2.0	0.58	ug/L		08/29/14 09:25	09/03/14 11:10	1
Pyrene	ND		2.0	0.16	ug/L		08/29/14 09:25	09/03/14 11:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		35 - 108	08/29/14 09:25	09/03/14 11:10	1
2-Fluorophenol	87		26 - 100	08/29/14 09:25	09/03/14 11:10	1
2,4,6-Tribromophenol	76		33 - 122	08/29/14 09:25	09/03/14 11:10	1
Nitrobenzene-d5	82		37 - 104	08/29/14 09:25	09/03/14 11:10	1
Phenol-d5	88		30 - 102	08/29/14 09:25	09/03/14 11:10	1
Terphenyl-d14 (Surr)	83		25 - 130	08/29/14 09:25	09/03/14 11:10	1

**Lab Sample ID: LCS 180-116493/2-A**

**Matrix: Water**

**Analysis Batch: 116828**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 116493**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	200	151		ug/L		75	31 - 111
2,4,6-Trichlorophenol	200	157		ug/L		78	34 - 110
2,4-Dichlorophenol	200	152		ug/L		76	34 - 106
2,4-Dimethylphenol	200	141		ug/L		70	34 - 98
2,4-Dinitrophenol	400	260		ug/L		65	3 - 125
2,4-Dinitrotoluene	200	159		ug/L		80	41 - 117
2,6-Dinitrotoluene	200	156		ug/L		78	42 - 118
2-Chloronaphthalene	200	132		ug/L		66	37 - 102
2-Chlorophenol	200	150		ug/L		75	34 - 100
2-Methylnaphthalene	200	143		ug/L		71	36 - 101
2-Methylphenol	200	155		ug/L		78	34 - 101
2-Nitroaniline	200	146		ug/L		73	37 - 114
2-Nitrophenol	200	155		ug/L		77	33 - 108
3,3'-Dichlorobenzidine	200	149		ug/L		75	11 - 106
3-Nitroaniline	200	154		ug/L		77	32 - 117
4,6-Dinitro-2-methylphenol	400	293		ug/L		73	24 - 121
4-Bromophenyl phenyl ether	200	146		ug/L		73	38 - 108

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 180-116493/2-A**

**Matrix: Water**

**Analysis Batch: 116828**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 116493**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	200	153		ug/L		77	40 - 107
4-Chloroaniline	200	139		ug/L		70	26 - 99
4-Chlorophenyl phenyl ether	200	147		ug/L		73	39 - 107
4-Methylphenol	200	149		ug/L		74	34 - 104
4-Nitroaniline	200	157		ug/L		78	32 - 117
4-Nitrophenol	400	314		ug/L		78	29 - 120
Acenaphthene	200	143		ug/L		72	39 - 106
Acenaphthylene	200	147		ug/L		74	40 - 113
Acetophenone	200	139		ug/L		70	30 - 150
Aniline	200	139		ug/L		69	15 - 97
Anthracene	200	146		ug/L		73	37 - 108
Atrazine	200	135		ug/L		68	30 - 150
Benzaldehyde	200	130		ug/L		65	30 - 150
Benzo(a)anthracene	200	147		ug/L		74	40 - 103
Benzo(a)pyrene	200	142		ug/L		71	37 - 105
Benzo(b)fluoranthene	200	134		ug/L		67	35 - 100
Benzo(g,h,i)perylene	200	154		ug/L		77	31 - 118
Benzo(k)fluoranthene	200	141		ug/L		70	37 - 108
Biphenyl	200	142		ug/L		71	10 - 140
bis (2-chloroisopropyl) ether	200	134		ug/L		67	30 - 100
Bis(2-chloroethoxy)methane	200	142		ug/L		71	36 - 101
Bis(2-chloroethyl)ether	200	140		ug/L		70	34 - 96
Bis(2-ethylhexyl) phthalate	200	158		ug/L		79	35 - 112
Butyl benzyl phthalate	200	159		ug/L		79	34 - 110
Caprolactam	200	164		ug/L		82	10 - 140
Carbazole	200	150		ug/L		75	35 - 113
Chrysene	200	148		ug/L		74	39 - 103
Dibenz(a,h)anthracene	200	149		ug/L		75	32 - 117
Dibenzofuran	200	142		ug/L		71	37 - 107
Diethyl phthalate	200	148		ug/L		74	39 - 112
Dimethyl phthalate	200	150		ug/L		75	40 - 110
Di-n-butyl phthalate	200	155		ug/L		77	36 - 113
Di-n-octyl phthalate	200	150		ug/L		75	27 - 118
Fluoranthene	200	149		ug/L		74	35 - 111
Fluorene	200	151		ug/L		75	39 - 107
Hexachlorobenzene	200	150		ug/L		75	35 - 106
Hexachlorobutadiene	200	148		ug/L		74	30 - 103
Hexachlorocyclopentadiene	200	144		ug/L		72	19 - 116
Hexachloroethane	200	142		ug/L		71	27 - 94
Indeno(1,2,3-cd)pyrene	200	146		ug/L		73	32 - 116
Isophorone	200	146		ug/L		73	39 - 108
Naphthalene	200	141		ug/L		71	35 - 98
Nitrobenzene	200	142		ug/L		71	37 - 103
N-Nitrosodi-n-propylamine	200	145		ug/L		73	37 - 106
N-Nitrosodiphenylamine	200	149		ug/L		74	34 - 108
Pentachlorophenol	400	292		ug/L		73	10 - 118
Phenanthrene	200	142		ug/L		71	34 - 107
Phenol	200	138		ug/L		69	35 - 98

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 180-116493/2-A**

**Matrix: Water**

**Analysis Batch: 116828**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 116493**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	200	142		ug/L		71	36 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	68		35 - 108
2-Fluorophenol	75		26 - 100
2,4,6-Tribromophenol	81		33 - 122
Nitrobenzene-d5	70		37 - 104
Phenol-d5	75		30 - 102
Terphenyl-d14 (Surr)	74		25 - 130

**Lab Sample ID: 480-66158-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 116828**

**Client Sample ID: BCC\_Area E\_DHM-E31MS\_0814**

**Prep Type: Total/NA**

**Prep Batch: 116493**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		196	130		ug/L		66	31 - 111
2,4,6-Trichlorophenol	ND		196	133		ug/L		68	34 - 110
2,4-Dichlorophenol	ND		196	110		ug/L		56	34 - 106
2,4-Dimethylphenol	ND		196	87.2		ug/L		44	34 - 98
2,4-Dinitrophenol	ND		392	278		ug/L		71	3 - 125
2,4-Dinitrotoluene	1.1	J	196	162		ug/L		82	41 - 117
2,6-Dinitrotoluene	6.3	J	196	160		ug/L		78	42 - 118
2-Chloronaphthalene	ND		196	120		ug/L		61	37 - 102
2-Chlorophenol	ND		196	94.5		ug/L		48	34 - 100
2-Methylnaphthalene	ND		196	123		ug/L		63	36 - 101
2-Methylphenol	ND		196	114		ug/L		58	34 - 101
2-Nitroaniline	ND		196	140		ug/L		71	37 - 114
2-Nitrophenol	ND		196	115		ug/L		59	33 - 108
3,3'-Dichlorobenzidine	ND		196	76.5		ug/L		39	11 - 106
3-Nitroaniline	ND		196	143		ug/L		73	32 - 117
4,6-Dinitro-2-methylphenol	ND		392	325		ug/L		83	24 - 121
4-Bromophenyl phenyl ether	ND		196	157		ug/L		80	38 - 108
4-Chloro-3-methylphenol	ND		196	130		ug/L		67	40 - 107
4-Chloroaniline	ND		196	116		ug/L		59	26 - 99
4-Chlorophenyl phenyl ether	ND		196	142		ug/L		73	39 - 107
4-Methylphenol	ND		196	110		ug/L		56	34 - 104
4-Nitroaniline	ND		196	147		ug/L		75	32 - 117
4-Nitrophenol	ND		392	290		ug/L		74	29 - 120
Acenaphthene	ND		196	135		ug/L		69	39 - 106
Acenaphthylene	ND		196	130		ug/L		66	40 - 113
Acetophenone	ND		196	129		ug/L		66	30 - 150
Aniline	2.8	J	196	106		ug/L		52	15 - 97
Anthracene	ND		196	146		ug/L		74	37 - 108
Atrazine	ND		196	137		ug/L		70	30 - 150
Benzaldehyde	ND		196	122		ug/L		62	30 - 150
Benzo(a)anthracene	ND		196	153		ug/L		78	40 - 103
Benzo(a)pyrene	ND		196	142		ug/L		73	37 - 105
Benzo(b)fluoranthene	ND		196	143		ug/L		73	35 - 100

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-66158-1 MS**

**Matrix: Ground Water**

**Analysis Batch: 116828**

**Client Sample ID: BCC\_Area E\_DHM-E31MS\_0814**

**Prep Type: Total/NA**

**Prep Batch: 116493**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzo(g,h,i)perylene	ND		196	177		ug/L		90	31 - 118
Benzo(k)fluoranthene	ND		196	153		ug/L		78	37 - 108
Biphenyl	ND		196	132		ug/L		67	10 - 140
bis (2-chloroisopropyl) ether	ND		196	111		ug/L		57	30 - 100
Bis(2-chloroethoxy)methane	ND		196	126		ug/L		65	36 - 101
Bis(2-chloroethyl)ether	ND		196	116		ug/L		59	34 - 96
Bis(2-ethylhexyl) phthalate	ND		196	173		ug/L		88	35 - 112
Butyl benzyl phthalate	ND		196	170		ug/L		86	34 - 110
Caprolactam	ND		196	152		ug/L		77	10 - 140
Carbazole	ND		196	165		ug/L		84	35 - 113
Chrysene	ND		196	157		ug/L		80	39 - 103
Dibenz(a,h)anthracene	ND		196	168		ug/L		85	32 - 117
Dibenzofuran	ND		196	135		ug/L		69	37 - 107
Diethyl phthalate	ND		196	148		ug/L		75	39 - 112
Dimethyl phthalate	ND		196	145		ug/L		74	40 - 110
Di-n-butyl phthalate	ND		196	172		ug/L		88	36 - 113
Di-n-octyl phthalate	ND		196	168		ug/L		86	27 - 118
Fluoranthene	ND		196	162		ug/L		83	35 - 111
Fluorene	ND		196	148		ug/L		75	39 - 107
Hexachlorobenzene	ND		196	152		ug/L		78	35 - 106
Hexachlorobutadiene	ND		196	112		ug/L		57	30 - 103
Hexachlorocyclopentadiene	ND		196	27.6	F1	ug/L		14	19 - 116
Hexachloroethane	ND		196	102		ug/L		52	27 - 94
Indeno(1,2,3-cd)pyrene	ND		196	164		ug/L		84	32 - 116
Isophorone	ND		196	134		ug/L		68	39 - 108
Naphthalene	ND		196	119		ug/L		61	35 - 98
Nitrobenzene	ND		196	128		ug/L		65	37 - 103
N-Nitrosodi-n-propylamine	ND		196	127		ug/L		65	37 - 106
N-Nitrosodiphenylamine	ND		196	136		ug/L		69	34 - 108
Pentachlorophenol	ND		392	314		ug/L		80	10 - 118
Phenanthrene	ND		196	151		ug/L		77	34 - 107
Phenol	ND		196	91.8		ug/L		47	35 - 98
Pyrene	ND		196	144		ug/L		73	36 - 115

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	64		35 - 108
2-Fluorophenol	41		26 - 100
2,4,6-Tribromophenol	77		33 - 122
Nitrobenzene-d5	62		37 - 104
Phenol-d5	49		30 - 102
Terphenyl-d14 (Surr)	41		25 - 130

**Lab Sample ID: 480-66158-1 MSD**

**Matrix: Ground Water**

**Analysis Batch: 116828**

**Client Sample ID: BCC\_Area E\_DHM-E31MSD\_0814**

**Prep Type: Total/NA**

**Prep Batch: 116493**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
2,4,5-Trichlorophenol	ND		198	128		ug/L		65	31 - 111	2	32

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-66158-1 MSD

Client Sample ID: BCC\_Area E\_DHM-E31MSD\_0814

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 116828

Prep Batch: 116493

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2,4,6-Trichlorophenol	ND		198	134		ug/L		68	34 - 110	0	35
2,4-Dichlorophenol	ND		198	109		ug/L		55	34 - 106	1	33
2,4-Dimethylphenol	ND		198	89.7		ug/L		45	34 - 98	3	34
2,4-Dinitrophenol	ND		396	288		ug/L		73	3 - 125	4	62
2,4-Dinitrotoluene	1.1	J	198	161		ug/L		81	41 - 117	0	32
2,6-Dinitrotoluene	6.3	J	198	165		ug/L		80	42 - 118	3	33
2-Chloronaphthalene	ND		198	123		ug/L		62	37 - 102	2	34
2-Chlorophenol	ND		198	97.0		ug/L		49	34 - 100	3	31
2-Methylnaphthalene	ND		198	126		ug/L		63	36 - 101	2	35
2-Methylphenol	ND		198	117		ug/L		59	34 - 101	3	34
2-Nitroaniline	ND		198	143		ug/L		72	37 - 114	2	33
2-Nitrophenol	ND		198	117		ug/L		59	33 - 108	1	41
3,3'-Dichlorobenzidine	ND		198	80.3		ug/L		41	11 - 106	5	56
3-Nitroaniline	ND		198	144		ug/L		73	32 - 117	1	46
4,6-Dinitro-2-methylphenol	ND		396	315		ug/L		80	24 - 121	3	50
4-Bromophenyl phenyl ether	ND		198	152		ug/L		77	38 - 108	3	40
4-Chloro-3-methylphenol	ND		198	131		ug/L		66	40 - 107	0	32
4-Chloroaniline	ND		198	118		ug/L		59	26 - 99	1	55
4-Chlorophenyl phenyl ether	ND		198	145		ug/L		73	39 - 107	2	34
4-Methylphenol	ND		198	115		ug/L		58	34 - 104	4	34
4-Nitroaniline	ND		198	146		ug/L		74	32 - 117	1	39
4-Nitrophenol	ND		396	282		ug/L		71	29 - 120	3	39
Acenaphthene	ND		198	136		ug/L		69	39 - 106	0	32
Acenaphthylene	ND		198	133		ug/L		67	40 - 113	2	33
Acetophenone	ND		198	128		ug/L		65	30 - 150	0	30
Aniline	2.8	J	198	106		ug/L		52	15 - 97	0	48
Anthracene	ND		198	144		ug/L		73	37 - 108	1	40
Atrazine	ND		198	130		ug/L		66	30 - 150	5	30
Benzaldehyde	ND		198	125		ug/L		63	30 - 150	3	30
Benzo(a)anthracene	ND		198	158		ug/L		80	40 - 103	3	33
Benzo(a)pyrene	ND		198	141		ug/L		71	37 - 105	1	35
Benzo(b)fluoranthene	ND		198	142		ug/L		72	35 - 100	1	44
Benzo(g,h,i)perylene	ND		198	181		ug/L		91	31 - 118	2	45
Benzo(k)fluoranthene	ND		198	151		ug/L		76	37 - 108	1	42
Biphenyl	ND		198	132		ug/L		67	10 - 140	0	30
bis (2-chloroisopropyl) ether	ND		198	111		ug/L		56	30 - 100	1	38
Bis(2-chloroethoxy)methane	ND		198	125		ug/L		63	36 - 101	1	35
Bis(2-chloroethyl)ether	ND		198	119		ug/L		60	34 - 96	3	34
Bis(2-ethylhexyl) phthalate	ND		198	181		ug/L		91	35 - 112	4	34
Butyl benzyl phthalate	ND		198	171		ug/L		87	34 - 110	1	35
Caprolactam	ND		198	154		ug/L		78	10 - 140	1	30
Carbazole	ND		198	163		ug/L		82	35 - 113	2	32
Chrysene	ND		198	161		ug/L		81	39 - 103	2	38
Dibenz(a,h)anthracene	ND		198	168		ug/L		85	32 - 117	1	43
Dibenzofuran	ND		198	136		ug/L		68	37 - 107	0	32
Diethyl phthalate	ND		198	149		ug/L		75	39 - 112	1	32
Dimethyl phthalate	ND		198	147		ug/L		74	40 - 110	2	33
Di-n-butyl phthalate	ND		198	171		ug/L		87	36 - 113	1	39

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-66158-1 MSD

Client Sample ID: BCC\_Area E\_DHM-E31MSD\_0814

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 116828

Prep Batch: 116493

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-octyl phthalate	ND		198	165		ug/L		83	27 - 118	2	36
Fluoranthene	ND		198	162		ug/L		82	35 - 111	0	43
Fluorene	ND		198	148		ug/L		75	39 - 107	0	33
Hexachlorobenzene	ND		198	152		ug/L		77	35 - 106	0	36
Hexachlorobutadiene	ND		198	111		ug/L		56	30 - 103	1	41
Hexachlorocyclopentadiene	ND		198	28.4	F1	ug/L		14	19 - 116	3	57
Hexachloroethane	ND		198	101		ug/L		51	27 - 94	2	43
Indeno(1,2,3-cd)pyrene	ND		198	164		ug/L		83	32 - 116	0	45
Isophorone	ND		198	133		ug/L		67	39 - 108	1	36
Naphthalene	ND		198	119		ug/L		60	35 - 98	0	39
Nitrobenzene	ND		198	127		ug/L		64	37 - 103	1	34
N-Nitrosodi-n-propylamine	ND		198	131		ug/L		66	37 - 106	3	36
N-Nitrosodiphenylamine	ND		198	136		ug/L		68	34 - 108	0	42
Pentachlorophenol	ND		396	313		ug/L		79	10 - 118	0	49
Phenanthrene	ND		198	153		ug/L		77	34 - 107	1	34
Phenol	ND		198	91.9		ug/L		46	35 - 98	0	35
Pyrene	ND		198	145		ug/L		73	36 - 115	1	38

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	64		35 - 108
2-Fluorophenol	41		26 - 100
2,4,6-Tribromophenol	80		33 - 122
Nitrobenzene-d5	62		37 - 104
Phenol-d5	48		30 - 102
Terphenyl-d14 (Surr)	41		25 - 130

# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## GC/MS VOA

### Analysis Batch: 201361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66158-1	BCC_Area E_DHM-E31_0814	Total/NA	Ground Water	8260C	
480-66158-1 MS	BCC_Area E_DHM-E31MS_0814	Total/NA	Ground Water	8260C	
480-66158-1 MSD	BCC_Area E_DHM-E31MSD_0814	Total/NA	Ground Water	8260C	
480-66158-2	BCC_Area E_DHM-E31D_0814	Total/NA	Water	8260C	
480-66158-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-201361/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-201361/8	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 116493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66158-1	BCC_Area E_DHM-E31_0814	Total/NA	Ground Water	3520C	
480-66158-1 MS	BCC_Area E_DHM-E31MS_0814	Total/NA	Ground Water	3520C	
480-66158-1 MSD	BCC_Area E_DHM-E31MSD_0814	Total/NA	Ground Water	3520C	
480-66158-2	BCC_Area E_DHM-E31D_0814	Total/NA	Water	3520C	
LCS 180-116493/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 180-116493/1-A	Method Blank	Total/NA	Water	3520C	

### Analysis Batch: 116828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66158-1	BCC_Area E_DHM-E31_0814	Total/NA	Ground Water	8270D	116493
480-66158-1 MS	BCC_Area E_DHM-E31MS_0814	Total/NA	Ground Water	8270D	116493
480-66158-1 MSD	BCC_Area E_DHM-E31MSD_0814	Total/NA	Ground Water	8270D	116493
480-66158-2	BCC_Area E_DHM-E31D_0814	Total/NA	Water	8270D	116493
LCS 180-116493/2-A	Lab Control Sample	Total/NA	Water	8270D	116493
MB 180-116493/1-A	Method Blank	Total/NA	Water	8270D	116493

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

**Client Sample ID: BCC\_Area E\_DHM-E31\_0814**

**Lab Sample ID: 480-66158-1**

Date Collected: 08/26/14 12:00

Matrix: Ground Water

Date Received: 08/26/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201361	09/09/14 04:01	CXM	TAL BUF
Total/NA	Prep	3520C			116493	08/29/14 09:25	BJT	TAL PIT
Total/NA	Analysis	8270D		1	116828	09/03/14 17:20	VVP	TAL PIT

**Client Sample ID: BCC\_Area E\_DHM-E31D\_0814**

**Lab Sample ID: 480-66158-2**

Date Collected: 08/26/14 12:30

Matrix: Water

Date Received: 08/26/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201361	09/09/14 04:25	CXM	TAL BUF
Total/NA	Prep	3520C			116493	08/29/14 09:25	BJT	TAL PIT
Total/NA	Analysis	8270D		1	116828	09/03/14 18:46	VVP	TAL PIT

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-66158-3**

Date Collected: 08/26/14 00:00

Matrix: Water

Date Received: 08/26/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201361	09/09/14 04:49	CXM	TAL BUF

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



# Certification Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

## 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	03-31-15

## Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-15
Connecticut	State Program	1	PH-0688	09-30-14 *
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15
North Carolina (WW/SW)	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-15
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-14 *
West Virginia DEP	State Program	3	142	01-31-15
Wisconsin	State Program	5	998027800	08-31-14 *

\* Certification renewal pending - certification considered valid.

# Method Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT

**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 PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



# Sample Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-66158-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-66158-1	BCC_Area E_DHM-E31_0814	Ground Water	08/26/14 12:00	08/26/14 16:00
480-66158-2	BCC_Area E_DHM-E31D_0814	Water	08/26/14 12:30	08/26/14 16:00
480-66158-3	TRIP BLANK	Water	08/26/14 00:00	08/26/14 16:00

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

**Chain of Custody Record**

Client Contact: Ontario Specialty Contracting Inc.  
333 Ganson Street  
Buffalo, NY, 14203  
716-856-3333 Phone  
716-842-1630 FAX  
Project Name: Buffalo Color Area E Storm Sewer  
Site: HoneyWell Buffalo Color - NY5A9482 EIM SITE ID - 37745  
P-O# 52854

Project Manager: Schove, John  
Tel/Fax: (716) 912-9926

Site Contact: Tom Wagner  
Lab Contact: Schove, John

Date: 8-26-14  
Carrier: OSC

TestAmerica Laboratories, Inc.  
COC No: 277484.084  
1 of 1 COCs  
Job No. 0913-OMM

SDG No.

Sample Specific Notes:

480-66158 Chain of Custody

Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Container Volume (ml)
8/26/14	1200	G	W	5	1000
8/26/14	1230	G	W	5	1000
8/26/14	1300	G	W	5	1000
8/26/14	1330	G	W	5	1000
	N/A	N/A	W	3	1000

Analysis Turnaround Time  
Calendar (C) or Work Days (W) W

TAT  
 2 weeks  
 1 week  
 2 days  
 1 day

Preservation: 1= Ice, 2= HCl (Hydrochloric), 3= H2SO4 (Sulfuric), 4= HNO3 (Nitric), 5= NaOH (Sodium Hydroxide), 6= Other

Possible Hazard Identification  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Special Instructions/QC Requirements & Comments:

Container Code: A= Amber, G= Glass, P= Poly/Plastic, S= Summa, T= Tedlar, V= Val  
 Requisitioned by: Tom Wagner  
 Requisitioned by: OSC  
 Date/Time: 8/26/14 1000  
 Date/Time: 8/26/14 1000

Received by: Tom Wagner  
 Received by: OSC  
 Date/Time: 8-26-14 1000  
 Date/Time: 8-26-14 1000

Company: OSC  
 Company: OSC

Return To Client  Archive For \_\_\_\_\_ Months  
 Disposal By Lab  Disposal By Lab \_\_\_\_\_ Months

#71 11.0 WUCE  
some ASM



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-66158-1

**Login Number: 66158**

**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.	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.	True	Yes: Samples checked, no residual chlorine detected



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-66158-1

**Login Number: 66158**

**List Number: 2**

**Creator: Butcher, Ryan M**

**List Source: TestAmerica Pittsburgh**

**List Creation: 08/28/14 11:34 AM**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received and the COC.	True	
Samples are received within Holding Time.	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine 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: 480-70897-1

Client Project/Site: Buffalo Color Area E Storm Sewer

Sampling Event: Buffalo Color Area E Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

12/2/2014 3:09:57 PM

Rebecca Jones, Project Management Assistant I

[rebecca.jones@testamericainc.com](mailto:rebecca.jones@testamericainc.com)

Designee for

John Schove, Project Manager II

(716)504-9838

[john.schove@testamericainc.com](mailto:john.schove@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
Surrogate Summary . . . . .	14
QC Sample Results . . . . .	15
QC Association Summary . . . . .	27
Lab Chronicle . . . . .	28
Certification Summary . . . . .	29
Method Summary . . . . .	30
Sample Summary . . . . .	31
Chain of Custody . . . . .	32
Receipt Checklists . . . . .	33



# Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

### GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Job ID: 480-70897-1**

**Laboratory: TestAmerica Buffalo**

## Narrative

### Job Narrative 480-70897-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 11/6/2014 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### GC/MS Semi VOA

Method(s) 8270D: The laboratory control sample (LCS) for batch 212797 recovered outside control limits for the following analytes: 3-Nitroaniline and Benzaldehyde. These analytes have been identified as a poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 216346 was outside the method criteria for the following analytes: 3,3'-Dichlorobenzidine and 4-Chloroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes are considered estimated. (CCVIS 480-216346/3), BCC Area E DMH-E31 MS\_1114 (480-70897-1 MS), BCC Area E DMH-E31 MSD\_1114 (480-70897-1 MSD), BCC Area E DMH-E31\_1114 (480-70897-1)

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: BCC Area E DMH-E31 MS\_1114 (480-70897-1 MS), BCC Area E DMH-E31 MSD\_1114 (480-70897-1 MSD), BCC Area E DMH-E31\_1114 (480-70897-1). Because of this dilution, the surrogate spike concentration in the samples were reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area E DMH-E31 MS\_1114 (480-70897-1 MS), BCC Area E DMH-E31 MSD\_1114 (480-70897-1 MSD), BCC Area E DMH-E31\_1114 (480-70897-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample(s) was diluted due to the nature of the sample matrix: BCC Area E DMH-E31 D\_1114 (480-70897-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Client Sample ID: BCC Area E DMH-E31\_1114

Lab Sample ID: 480-70897-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.1		1.0	0.41	ug/L			1	8260C	Total/NA
1,2-Dichlorobenzene	6.5		1.0	0.79	ug/L			1	8260C	Total/NA
1,3-Dichlorobenzene	1.6		1.0	0.78	ug/L			1	8260C	Total/NA
1,4-Dichlorobenzene	3.8		1.0	0.84	ug/L			1	8260C	Total/NA
Acetone	3.8	J	10	3.0	ug/L			1	8260C	Total/NA
Chlorobenzene	7.6		1.0	0.75	ug/L			1	8260C	Total/NA
2,4-Dinitrotoluene	91	J	250	22	ug/L			50	8270D	Total/NA
2,6-Dinitrotoluene	110	J	250	20	ug/L			50	8270D	Total/NA

## Client Sample ID: BCC Area E DMH-E31 D\_1114

Lab Sample ID: 480-70897-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.0		1.0	0.41	ug/L			1	8260C	Total/NA
1,2-Dichlorobenzene	6.3		1.0	0.79	ug/L			1	8260C	Total/NA
1,3-Dichlorobenzene	1.6		1.0	0.78	ug/L			1	8260C	Total/NA
1,4-Dichlorobenzene	3.7		1.0	0.84	ug/L			1	8260C	Total/NA
Acetone	4.5	J	10	3.0	ug/L			1	8260C	Total/NA
Chlorobenzene	9.7		1.0	0.75	ug/L			1	8260C	Total/NA
2,4-Dinitrotoluene	42	J	50	4.5	ug/L			10	8270D	Total/NA
2,6-Dinitrotoluene	110		50	4.0	ug/L			10	8270D	Total/NA

## Client Sample ID: TRIP BLANK

Lab Sample ID: 480-70897-3

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: BCC Area E DMH-E31\_1114**

**Lab Sample ID: 480-70897-1**

**Date Collected: 11/06/14 09:00**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/14 01:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/14 01:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/14 01:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/14 01:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/14 01:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/14 01:45	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.1</b>		1.0	0.41	ug/L			11/17/14 01:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/14 01:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/14 01:45	1
<b>1,2-Dichlorobenzene</b>	<b>6.5</b>		1.0	0.79	ug/L			11/17/14 01:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/14 01:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/14 01:45	1
<b>1,3-Dichlorobenzene</b>	<b>1.6</b>		1.0	0.78	ug/L			11/17/14 01:45	1
<b>1,4-Dichlorobenzene</b>	<b>3.8</b>		1.0	0.84	ug/L			11/17/14 01:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/14 01:45	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/14 01:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/14 01:45	1
<b>Acetone</b>	<b>3.8 J</b>		10	3.0	ug/L			11/17/14 01:45	1
Benzene	ND		1.0	0.41	ug/L			11/17/14 01:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/14 01:45	1
Bromoform	ND		1.0	0.26	ug/L			11/17/14 01:45	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/14 01:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/14 01:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/14 01:45	1
<b>Chlorobenzene</b>	<b>7.6</b>		1.0	0.75	ug/L			11/17/14 01:45	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/14 01:45	1
Chloroform	ND		1.0	0.34	ug/L			11/17/14 01:45	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/14 01:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/14 01:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/14 01:45	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/14 01:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/14 01:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/14 01:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/14 01:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/14 01:45	1
Methyl acetate	ND		2.5	0.50	ug/L			11/17/14 01:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/14 01:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/14 01:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/14 01:45	1
Styrene	ND		1.0	0.73	ug/L			11/17/14 01:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/14 01:45	1
Toluene	ND		1.0	0.51	ug/L			11/17/14 01:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/14 01:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/14 01:45	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/14 01:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/14 01:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/14 01:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/14 01:45	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: BCC Area E DMH-E31\_1114**

**Lab Sample ID: 480-70897-1**

**Date Collected: 11/06/14 09:00**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		11/17/14 01:45	1
4-Bromofluorobenzene (Surr)	114		73 - 120		11/17/14 01:45	1
Toluene-d8 (Surr)	114		71 - 126		11/17/14 01:45	1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		250	24	ug/L		11/07/14 14:05	11/28/14 19:42	50
2,4,6-Trichlorophenol	ND		250	31	ug/L		11/07/14 14:05	11/28/14 19:42	50
2,4-Dichlorophenol	ND		250	26	ug/L		11/07/14 14:05	11/28/14 19:42	50
2,4-Dimethylphenol	ND		250	25	ug/L		11/07/14 14:05	11/28/14 19:42	50
2,4-Dinitrophenol	ND		500	110	ug/L		11/07/14 14:05	11/28/14 19:42	50
<b>2,4-Dinitrotoluene</b>	<b>91</b>	<b>J</b>	250	22	ug/L		11/07/14 14:05	11/28/14 19:42	50
<b>2,6-Dinitrotoluene</b>	<b>110</b>	<b>J</b>	250	20	ug/L		11/07/14 14:05	11/28/14 19:42	50
2-Chloronaphthalene	ND		250	23	ug/L		11/07/14 14:05	11/28/14 19:42	50
2-Chlorophenol	ND		250	27	ug/L		11/07/14 14:05	11/28/14 19:42	50
2-Methylnaphthalene	ND		250	30	ug/L		11/07/14 14:05	11/28/14 19:42	50
2-Methylphenol	ND		250	20	ug/L		11/07/14 14:05	11/28/14 19:42	50
2-Nitroaniline	ND		500	21	ug/L		11/07/14 14:05	11/28/14 19:42	50
2-Nitrophenol	ND		250	24	ug/L		11/07/14 14:05	11/28/14 19:42	50
3,3'-Dichlorobenzidine	ND		250	20	ug/L		11/07/14 14:05	11/28/14 19:42	50
3-Nitroaniline	ND	*	500	24	ug/L		11/07/14 14:05	11/28/14 19:42	50
4,6-Dinitro-2-methylphenol	ND		500	110	ug/L		11/07/14 14:05	11/28/14 19:42	50
4-Bromophenyl phenyl ether	ND		250	23	ug/L		11/07/14 14:05	11/28/14 19:42	50
4-Chloro-3-methylphenol	ND		250	23	ug/L		11/07/14 14:05	11/28/14 19:42	50
4-Chloroaniline	ND		250	30	ug/L		11/07/14 14:05	11/28/14 19:42	50
4-Chlorophenyl phenyl ether	ND		250	18	ug/L		11/07/14 14:05	11/28/14 19:42	50
4-Methylphenol	ND		500	18	ug/L		11/07/14 14:05	11/28/14 19:42	50
4-Nitroaniline	ND		500	13	ug/L		11/07/14 14:05	11/28/14 19:42	50
4-Nitrophenol	ND		500	76	ug/L		11/07/14 14:05	11/28/14 19:42	50
Acenaphthene	ND		250	21	ug/L		11/07/14 14:05	11/28/14 19:42	50
Acenaphthylene	ND		250	19	ug/L		11/07/14 14:05	11/28/14 19:42	50
Acetophenone	ND		250	27	ug/L		11/07/14 14:05	11/28/14 19:42	50
Aniline	ND		500	31	ug/L		11/07/14 14:05	11/28/14 19:42	50
Anthracene	ND		250	14	ug/L		11/07/14 14:05	11/28/14 19:42	50
Atrazine	ND		250	23	ug/L		11/07/14 14:05	11/28/14 19:42	50
Benzaldehyde	ND	*	250	13	ug/L		11/07/14 14:05	11/28/14 19:42	50
Benzo(a)anthracene	ND		250	18	ug/L		11/07/14 14:05	11/28/14 19:42	50
Benzo(a)pyrene	ND		250	24	ug/L		11/07/14 14:05	11/28/14 19:42	50
Benzo(b)fluoranthene	ND		250	17	ug/L		11/07/14 14:05	11/28/14 19:42	50
Benzo(g,h,i)perylene	ND		250	18	ug/L		11/07/14 14:05	11/28/14 19:42	50
Benzo(k)fluoranthene	ND		250	37	ug/L		11/07/14 14:05	11/28/14 19:42	50
Biphenyl	ND		250	33	ug/L		11/07/14 14:05	11/28/14 19:42	50
bis (2-chloroisopropyl) ether	ND		250	26	ug/L		11/07/14 14:05	11/28/14 19:42	50
Bis(2-chloroethoxy)methane	ND		250	18	ug/L		11/07/14 14:05	11/28/14 19:42	50
Bis(2-chloroethyl)ether	ND		250	20	ug/L		11/07/14 14:05	11/28/14 19:42	50
Bis(2-ethylhexyl) phthalate	ND		250	90	ug/L		11/07/14 14:05	11/28/14 19:42	50
Butyl benzyl phthalate	ND		250	21	ug/L		11/07/14 14:05	11/28/14 19:42	50
Caprolactam	ND		250	110	ug/L		11/07/14 14:05	11/28/14 19:42	50
Carbazole	ND		250	15	ug/L		11/07/14 14:05	11/28/14 19:42	50
Chrysene	ND		250	17	ug/L		11/07/14 14:05	11/28/14 19:42	50

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: BCC Area E DMH-E31\_1114**

**Lab Sample ID: 480-70897-1**

**Date Collected: 11/06/14 09:00**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		250	21	ug/L		11/07/14 14:05	11/28/14 19:42	50
Dibenzofuran	ND		500	26	ug/L		11/07/14 14:05	11/28/14 19:42	50
Diethyl phthalate	ND		250	11	ug/L		11/07/14 14:05	11/28/14 19:42	50
Dimethyl phthalate	ND		250	18	ug/L		11/07/14 14:05	11/28/14 19:42	50
Di-n-butyl phthalate	ND		250	16	ug/L		11/07/14 14:05	11/28/14 19:42	50
Di-n-octyl phthalate	ND		250	24	ug/L		11/07/14 14:05	11/28/14 19:42	50
Fluoranthene	ND		250	20	ug/L		11/07/14 14:05	11/28/14 19:42	50
Fluorene	ND		250	18	ug/L		11/07/14 14:05	11/28/14 19:42	50
Hexachlorobenzene	ND		250	26	ug/L		11/07/14 14:05	11/28/14 19:42	50
Hexachlorobutadiene	ND		250	34	ug/L		11/07/14 14:05	11/28/14 19:42	50
Hexachlorocyclopentadiene	ND		250	30	ug/L		11/07/14 14:05	11/28/14 19:42	50
Hexachloroethane	ND		250	30	ug/L		11/07/14 14:05	11/28/14 19:42	50
Indeno(1,2,3-cd)pyrene	ND		250	24	ug/L		11/07/14 14:05	11/28/14 19:42	50
Isophorone	ND		250	22	ug/L		11/07/14 14:05	11/28/14 19:42	50
Naphthalene	ND		250	38	ug/L		11/07/14 14:05	11/28/14 19:42	50
Nitrobenzene	ND		250	15	ug/L		11/07/14 14:05	11/28/14 19:42	50
N-Nitrosodi-n-propylamine	ND		250	27	ug/L		11/07/14 14:05	11/28/14 19:42	50
N-Nitrosodiphenylamine	ND		250	26	ug/L		11/07/14 14:05	11/28/14 19:42	50
Pentachlorophenol	ND		500	110	ug/L		11/07/14 14:05	11/28/14 19:42	50
Phenanthrene	ND		250	22	ug/L		11/07/14 14:05	11/28/14 19:42	50
Phenol	ND		250	20	ug/L		11/07/14 14:05	11/28/14 19:42	50
Pyrene	ND		250	17	ug/L		11/07/14 14:05	11/28/14 19:42	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	154	X	52 - 132	11/07/14 14:05	11/28/14 19:42	50
2-Fluorobiphenyl	58		48 - 120	11/07/14 14:05	11/28/14 19:42	50
2-Fluorophenol	9	X	20 - 120	11/07/14 14:05	11/28/14 19:42	50
Nitrobenzene-d5	50		46 - 120	11/07/14 14:05	11/28/14 19:42	50
Phenol-d5	0	X	16 - 120	11/07/14 14:05	11/28/14 19:42	50
p-Terphenyl-d14	60	X	67 - 150	11/07/14 14:05	11/28/14 19:42	50

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: BCC Area E DMH-E31 D\_1114**

**Lab Sample ID: 480-70897-2**

**Date Collected: 11/06/14 09:30**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/14 02:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/14 02:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/14 02:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/14 02:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/14 02:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/14 02:08	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.0</b>		1.0	0.41	ug/L			11/17/14 02:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/14 02:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/14 02:08	1
<b>1,2-Dichlorobenzene</b>	<b>6.3</b>		1.0	0.79	ug/L			11/17/14 02:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/14 02:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/14 02:08	1
<b>1,3-Dichlorobenzene</b>	<b>1.6</b>		1.0	0.78	ug/L			11/17/14 02:08	1
<b>1,4-Dichlorobenzene</b>	<b>3.7</b>		1.0	0.84	ug/L			11/17/14 02:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/14 02:08	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/14 02:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/14 02:08	1
<b>Acetone</b>	<b>4.5 J</b>		10	3.0	ug/L			11/17/14 02:08	1
Benzene	ND		1.0	0.41	ug/L			11/17/14 02:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/14 02:08	1
Bromoform	ND		1.0	0.26	ug/L			11/17/14 02:08	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/14 02:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/14 02:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/14 02:08	1
<b>Chlorobenzene</b>	<b>9.7</b>		1.0	0.75	ug/L			11/17/14 02:08	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/14 02:08	1
Chloroform	ND		1.0	0.34	ug/L			11/17/14 02:08	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/14 02:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/14 02:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/14 02:08	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/14 02:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/14 02:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/14 02:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/14 02:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/14 02:08	1
Methyl acetate	ND		2.5	0.50	ug/L			11/17/14 02:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/14 02:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/14 02:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/14 02:08	1
Styrene	ND		1.0	0.73	ug/L			11/17/14 02:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/14 02:08	1
Toluene	ND		1.0	0.51	ug/L			11/17/14 02:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/14 02:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/14 02:08	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/14 02:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/14 02:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/14 02:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/14 02:08	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: BCC Area E DMH-E31 D\_1114**

**Lab Sample ID: 480-70897-2**

**Date Collected: 11/06/14 09:30**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		11/17/14 02:08	1
4-Bromofluorobenzene (Surr)	114		73 - 120		11/17/14 02:08	1
Toluene-d8 (Surr)	114		71 - 126		11/17/14 02:08	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		50	4.8	ug/L		11/07/14 14:05	11/29/14 14:41	10
2,4,6-Trichlorophenol	ND		50	6.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
2,4-Dichlorophenol	ND		50	5.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
2,4-Dimethylphenol	ND		50	5.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
2,4-Dinitrophenol	ND		100	22	ug/L		11/07/14 14:05	11/29/14 14:41	10
<b>2,4-Dinitrotoluene</b>	<b>42</b>	<b>J</b>	50	4.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
<b>2,6-Dinitrotoluene</b>	<b>110</b>		50	4.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
2-Chloronaphthalene	ND		50	4.6	ug/L		11/07/14 14:05	11/29/14 14:41	10
2-Chlorophenol	ND		50	5.3	ug/L		11/07/14 14:05	11/29/14 14:41	10
2-Methylnaphthalene	ND		50	6.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
2-Methylphenol	ND		50	4.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
2-Nitroaniline	ND		100	4.2	ug/L		11/07/14 14:05	11/29/14 14:41	10
2-Nitrophenol	ND		50	4.8	ug/L		11/07/14 14:05	11/29/14 14:41	10
3,3'-Dichlorobenzidine	ND		50	4.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
3-Nitroaniline	ND	*	100	4.8	ug/L		11/07/14 14:05	11/29/14 14:41	10
4,6-Dinitro-2-methylphenol	ND		100	22	ug/L		11/07/14 14:05	11/29/14 14:41	10
4-Bromophenyl phenyl ether	ND		50	4.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
4-Chloro-3-methylphenol	ND		50	4.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
4-Chloroaniline	ND		50	5.9	ug/L		11/07/14 14:05	11/29/14 14:41	10
4-Chlorophenyl phenyl ether	ND		50	3.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
4-Methylphenol	ND		100	3.6	ug/L		11/07/14 14:05	11/29/14 14:41	10
4-Nitroaniline	ND		100	2.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
4-Nitrophenol	ND		100	15	ug/L		11/07/14 14:05	11/29/14 14:41	10
Acenaphthene	ND		50	4.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
Acenaphthylene	ND		50	3.8	ug/L		11/07/14 14:05	11/29/14 14:41	10
Acetophenone	ND		50	5.4	ug/L		11/07/14 14:05	11/29/14 14:41	10
Aniline	ND		100	6.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
Anthracene	ND		50	2.8	ug/L		11/07/14 14:05	11/29/14 14:41	10
Atrazine	ND		50	4.6	ug/L		11/07/14 14:05	11/29/14 14:41	10
Benzaldehyde	ND	*	50	2.7	ug/L		11/07/14 14:05	11/29/14 14:41	10
Benzo(a)anthracene	ND		50	3.6	ug/L		11/07/14 14:05	11/29/14 14:41	10
Benzo(a)pyrene	ND		50	4.7	ug/L		11/07/14 14:05	11/29/14 14:41	10
Benzo(b)fluoranthene	ND		50	3.4	ug/L		11/07/14 14:05	11/29/14 14:41	10
Benzo(g,h,i)perylene	ND		50	3.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
Benzo(k)fluoranthene	ND		50	7.3	ug/L		11/07/14 14:05	11/29/14 14:41	10
Biphenyl	ND		50	6.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
bis (2-chloroisopropyl) ether	ND		50	5.2	ug/L		11/07/14 14:05	11/29/14 14:41	10
Bis(2-chloroethoxy)methane	ND		50	3.5	ug/L		11/07/14 14:05	11/29/14 14:41	10
Bis(2-chloroethyl)ether	ND		50	4.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
Bis(2-ethylhexyl) phthalate	ND		50	18	ug/L		11/07/14 14:05	11/29/14 14:41	10
Butyl benzyl phthalate	ND		50	4.2	ug/L		11/07/14 14:05	11/29/14 14:41	10
Caprolactam	ND		50	22	ug/L		11/07/14 14:05	11/29/14 14:41	10
Carbazole	ND		50	3.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
Chrysene	ND		50	3.3	ug/L		11/07/14 14:05	11/29/14 14:41	10

TestAmerica Buffalo



# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: BCC Area E DMH-E31 D\_1114**

**Lab Sample ID: 480-70897-2**

**Date Collected: 11/06/14 09:30**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		11/07/14 14:05	11/29/14 14:41	10
Dibenzofuran	ND		100	5.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
Diethyl phthalate	ND		50	2.2	ug/L		11/07/14 14:05	11/29/14 14:41	10
Dimethyl phthalate	ND		50	3.6	ug/L		11/07/14 14:05	11/29/14 14:41	10
Di-n-butyl phthalate	ND		50	3.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
Di-n-octyl phthalate	ND		50	4.7	ug/L		11/07/14 14:05	11/29/14 14:41	10
Fluoranthene	ND		50	4.0	ug/L		11/07/14 14:05	11/29/14 14:41	10
Fluorene	ND		50	3.6	ug/L		11/07/14 14:05	11/29/14 14:41	10
Hexachlorobenzene	ND		50	5.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
Hexachlorobutadiene	ND		50	6.8	ug/L		11/07/14 14:05	11/29/14 14:41	10
Hexachlorocyclopentadiene	ND		50	5.9	ug/L		11/07/14 14:05	11/29/14 14:41	10
Hexachloroethane	ND		50	5.9	ug/L		11/07/14 14:05	11/29/14 14:41	10
Indeno(1,2,3-cd)pyrene	ND		50	4.7	ug/L		11/07/14 14:05	11/29/14 14:41	10
Isophorone	ND		50	4.3	ug/L		11/07/14 14:05	11/29/14 14:41	10
Naphthalene	ND		50	7.6	ug/L		11/07/14 14:05	11/29/14 14:41	10
Nitrobenzene	ND		50	2.9	ug/L		11/07/14 14:05	11/29/14 14:41	10
N-Nitrosodi-n-propylamine	ND		50	5.4	ug/L		11/07/14 14:05	11/29/14 14:41	10
N-Nitrosodiphenylamine	ND		50	5.1	ug/L		11/07/14 14:05	11/29/14 14:41	10
Pentachlorophenol	ND		100	22	ug/L		11/07/14 14:05	11/29/14 14:41	10
Phenanthrene	ND		50	4.4	ug/L		11/07/14 14:05	11/29/14 14:41	10
Phenol	ND		50	3.9	ug/L		11/07/14 14:05	11/29/14 14:41	10
Pyrene	ND		50	3.4	ug/L		11/07/14 14:05	11/29/14 14:41	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	116		52 - 132	11/07/14 14:05	11/29/14 14:41	10
2-Fluorobiphenyl	85		48 - 120	11/07/14 14:05	11/29/14 14:41	10
2-Fluorophenol	24		20 - 120	11/07/14 14:05	11/29/14 14:41	10
Nitrobenzene-d5	86		46 - 120	11/07/14 14:05	11/29/14 14:41	10
Phenol-d5	28		16 - 120	11/07/14 14:05	11/29/14 14:41	10
p-Terphenyl-d14	80		67 - 150	11/07/14 14:05	11/29/14 14:41	10

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-70897-3**

**Date Collected: 11/06/14 00:00**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/14 02:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/14 02:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/14 02:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/14 02:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/14 02:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/14 02:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/14 02:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/14 02:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/14 02:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/14 02:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/14 02:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/14 02:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/14 02:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/14 02:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/14 02:31	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/14 02:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/14 02:31	1
Acetone	ND		10	3.0	ug/L			11/17/14 02:31	1
Benzene	ND		1.0	0.41	ug/L			11/17/14 02:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/14 02:31	1
Bromoform	ND		1.0	0.26	ug/L			11/17/14 02:31	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/14 02:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/14 02:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/14 02:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/14 02:31	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/14 02:31	1
Chloroform	ND		1.0	0.34	ug/L			11/17/14 02:31	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/14 02:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/14 02:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/14 02:31	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/14 02:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/14 02:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/14 02:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/14 02:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/14 02:31	1
Methyl acetate	ND		2.5	0.50	ug/L			11/17/14 02:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/14 02:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/14 02:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/14 02:31	1
Styrene	ND		1.0	0.73	ug/L			11/17/14 02:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/14 02:31	1
Toluene	ND		1.0	0.51	ug/L			11/17/14 02:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/14 02:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/14 02:31	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/14 02:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/14 02:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/14 02:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/14 02:31	1

TestAmerica Buffalo

# Client Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-70897-3**

**Date Collected: 11/06/14 00:00**

**Matrix: Water**

**Date Received: 11/06/14 16:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	114		66 - 137		11/17/14 02:31	1
4-Bromofluorobenzene (Surr)	113		73 - 120		11/17/14 02:31	1
Toluene-d8 (Surr)	111		71 - 126		11/17/14 02:31	1

# Surrogate Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-70897-1	BCC Area E DMH-E31_1114	111	114	114
480-70897-1 MS	BCC Area E DMH-E31 MS_1114	104	108	108
480-70897-1 MSD	BCC Area E DMH-E31 MSD_1114	104	110	110
480-70897-2	BCC Area E DMH-E31 D_1114	110	114	114
480-70897-3	TRIP BLANK	114	113	111
LCS 480-214353/5	Lab Control Sample	113	115	116
MB 480-214353/7	Method Blank	113	113	114

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-70897-1	BCC Area E DMH-E31_1114	154 X	58	9 X	50	0 X	60 X
480-70897-1 MS	BCC Area E DMH-E31 MS_1114	170 X	88	19 X	88	34	73
480-70897-1 MSD	BCC Area E DMH-E31 MSD_1114	167 X	95	26	93	44	76
480-70897-2	BCC Area E DMH-E31 D_1114	116	85	24	86	28	80
LCS 480-212797/2-A	Lab Control Sample	84	76	88	86	61	84
MB 480-212797/1-A	Method Blank	78	84	89	92	67	90

### Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-214353/7**

**Matrix: Water**

**Analysis Batch: 214353**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/16/14 23:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/14 23:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/14 23:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/14 23:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/14 23:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/16/14 23:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/14 23:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/14 23:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/14 23:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/16/14 23:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/14 23:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/14 23:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/14 23:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/16/14 23:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/14 23:57	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/14 23:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/14 23:57	1
Acetone	ND		10	3.0	ug/L			11/16/14 23:57	1
Benzene	ND		1.0	0.41	ug/L			11/16/14 23:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/14 23:57	1
Bromoform	ND		1.0	0.26	ug/L			11/16/14 23:57	1
Bromomethane	ND		1.0	0.69	ug/L			11/16/14 23:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/16/14 23:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/14 23:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/16/14 23:57	1
Chloroethane	ND		1.0	0.32	ug/L			11/16/14 23:57	1
Chloroform	ND		1.0	0.34	ug/L			11/16/14 23:57	1
Chloromethane	ND		1.0	0.35	ug/L			11/16/14 23:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/14 23:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/14 23:57	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/14 23:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/14 23:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/14 23:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/14 23:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/14 23:57	1
Methyl acetate	ND		2.5	0.50	ug/L			11/16/14 23:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/14 23:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/14 23:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/14 23:57	1
Styrene	ND		1.0	0.73	ug/L			11/16/14 23:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/16/14 23:57	1
Toluene	ND		1.0	0.51	ug/L			11/16/14 23:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/14 23:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/14 23:57	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/14 23:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/14 23:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/16/14 23:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/14 23:57	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-214353/7**

**Matrix: Water**

**Analysis Batch: 214353**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		11/16/14 23:57	1
4-Bromofluorobenzene (Surr)	113		73 - 120		11/16/14 23:57	1
Toluene-d8 (Surr)	114		71 - 126		11/16/14 23:57	1

**Lab Sample ID: LCS 480-214353/5**

**Matrix: Water**

**Analysis Batch: 214353**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	27.1		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	32.1		ug/L		128	52 - 148
1,1,2-Trichloroethane	25.0	29.1		ug/L		116	76 - 122
1,1-Dichloroethane	25.0	29.3		ug/L		117	71 - 129
1,1-Dichloroethene	25.0	28.6		ug/L		115	58 - 121
1,2,4-Trichlorobenzene	25.0	29.9		ug/L		120	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.9		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	29.6		ug/L		118	77 - 120
1,2-Dichlorobenzene	25.0	28.1		ug/L		112	80 - 124
1,2-Dichloroethane	25.0	28.0		ug/L		112	75 - 127
1,2-Dichloropropane	25.0	28.8		ug/L		115	76 - 120
1,3-Dichlorobenzene	25.0	28.3		ug/L		113	77 - 120
1,4-Dichlorobenzene	25.0	28.2		ug/L		113	75 - 120
2-Butanone (MEK)	125	137		ug/L		109	57 - 140
2-Hexanone	125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	145		ug/L		116	56 - 142
Benzene	25.0	28.5		ug/L		114	71 - 124
Bromodichloromethane	25.0	27.1		ug/L		109	80 - 122
Bromoform	25.0	23.2		ug/L		93	52 - 132
Bromomethane	25.0	22.7		ug/L		91	55 - 144
Carbon disulfide	25.0	26.1		ug/L		104	59 - 134
Carbon tetrachloride	25.0	27.3		ug/L		109	72 - 134
Chlorobenzene	25.0	28.8		ug/L		115	72 - 120
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	27.7		ug/L		111	73 - 127
Chloromethane	25.0	28.1		ug/L		112	68 - 124
cis-1,2-Dichloroethene	25.0	28.7		ug/L		115	74 - 124
cis-1,3-Dichloropropene	25.0	28.0		ug/L		112	74 - 124
Cyclohexane	25.0	29.7		ug/L		119	59 - 135
Dibromochloromethane	25.0	26.2		ug/L		105	75 - 125
Dichlorodifluoromethane	25.0	25.1		ug/L		100	59 - 135
Ethylbenzene	25.0	28.4		ug/L		114	77 - 123
Isopropylbenzene	25.0	28.4		ug/L		114	77 - 122
Methyl acetate	125	153		ug/L		123	74 - 133
Methyl tert-butyl ether	25.0	27.8		ug/L		111	64 - 127
Methylcyclohexane	25.0	29.4		ug/L		118	61 - 138

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-214353/5**

**Matrix: Water**

**Analysis Batch: 214353**

**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	28.2		ug/L		113	57 - 132
Styrene	25.0	29.7		ug/L		119	70 - 130
Tetrachloroethene	25.0	29.3		ug/L		117	74 - 122
Toluene	25.0	28.7		ug/L		115	80 - 122
trans-1,2-Dichloroethene	25.0	29.5		ug/L		118	73 - 127
trans-1,3-Dichloropropene	25.0	28.0		ug/L		112	72 - 123
Trichloroethene	25.0	28.7		ug/L		115	74 - 123
Trichlorofluoromethane	25.0	27.8		ug/L		111	62 - 152
Vinyl chloride	25.0	27.6		ug/L		110	65 - 133
Xylenes, Total	50.0	57.8		ug/L		116	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		66 - 137
4-Bromofluorobenzene (Surr)	115		73 - 120
Toluene-d8 (Surr)	116		71 - 126

**Lab Sample ID: 480-70897-1 MS**

**Matrix: Water**

**Analysis Batch: 214353**

**Client Sample ID: BCC Area E DMH-E31 MS\_1114**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	30.6		ug/L		122	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	28.4		ug/L		113	70 - 126
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	34.5		ug/L		138	52 - 148
1,1,2-Trichloroethane	ND		25.0	29.9		ug/L		120	76 - 122
1,1-Dichloroethane	ND		25.0	31.2		ug/L		125	71 - 129
1,1-Dichloroethene	ND		25.0	32.3	F1	ug/L		129	58 - 121
1,2,4-Trichlorobenzene	1.1		25.0	31.6		ug/L		122	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	25.2		ug/L		101	56 - 134
1,2-Dibromoethane	ND		25.0	30.3	F1	ug/L		121	77 - 120
1,2-Dichlorobenzene	6.5		25.0	35.8		ug/L		117	80 - 124
1,2-Dichloroethane	ND		25.0	29.0		ug/L		116	75 - 127
1,2-Dichloropropane	ND		25.0	30.0		ug/L		120	76 - 120
1,3-Dichlorobenzene	1.6		25.0	31.8	F1	ug/L		121	77 - 120
1,4-Dichlorobenzene	3.8		25.0	33.3		ug/L		118	75 - 120
2-Butanone (MEK)	ND		125	134		ug/L		107	57 - 140
2-Hexanone	ND		125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	141		ug/L		113	71 - 125
Acetone	3.8 J		125	136		ug/L		106	56 - 142
Benzene	ND		25.0	30.7		ug/L		123	71 - 124
Bromodichloromethane	ND		25.0	28.2		ug/L		113	80 - 122
Bromoform	ND		25.0	24.9		ug/L		100	52 - 132
Bromomethane	ND		25.0	40.8	F1	ug/L		163	55 - 144
Carbon disulfide	ND		25.0	28.3		ug/L		113	59 - 134
Carbon tetrachloride	ND		25.0	28.9		ug/L		116	72 - 134
Chlorobenzene	7.6		25.0	39.3	F1	ug/L		127	72 - 120
Chloroethane	ND		25.0	31.4		ug/L		126	69 - 136

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-70897-1 MS**

**Client Sample ID: BCC Area E DMH-E31 MS\_1114**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 214353**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloroform	ND		25.0	29.3		ug/L		117	73 - 127
Chloromethane	ND		25.0	28.1		ug/L		112	68 - 124
cis-1,2-Dichloroethene	ND		25.0	30.4		ug/L		122	74 - 124
cis-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	74 - 124
Cyclohexane	ND		25.0	29.6		ug/L		118	59 - 135
Dibromochloromethane	ND		25.0	27.7		ug/L		111	75 - 125
Dichlorodifluoromethane	ND		25.0	26.4		ug/L		106	59 - 135
Ethylbenzene	ND		25.0	31.4	F1	ug/L		126	77 - 123
Isopropylbenzene	ND		25.0	31.0	F1	ug/L		124	77 - 122
Methyl acetate	ND		125	150		ug/L		120	74 - 133
Methyl tert-butyl ether	ND		25.0	27.8		ug/L		111	64 - 127
Methylcyclohexane	ND		25.0	31.5		ug/L		126	61 - 138
Methylene Chloride	ND		25.0	29.0		ug/L		116	57 - 132
Styrene	ND		25.0	31.5		ug/L		126	70 - 130
Tetrachloroethene	ND		25.0	32.8	F1	ug/L		131	74 - 122
Toluene	ND		25.0	30.9	F1	ug/L		124	80 - 122
trans-1,2-Dichloroethene	ND		25.0	32.4	F1	ug/L		130	73 - 127
trans-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	72 - 123
Trichloroethene	ND		25.0	31.0	F1	ug/L		124	74 - 123
Trichlorofluoromethane	ND		25.0	33.1		ug/L		132	62 - 152
Vinyl chloride	ND		25.0	29.4		ug/L		117	65 - 133
Xylenes, Total	ND		50.0	63.2	F1	ug/L		126	76 - 122

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	108		71 - 126

**Lab Sample ID: 480-70897-1 MSD**

**Client Sample ID: BCC Area E DMH-E31 MSD\_1114**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 214353**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	30.2		ug/L		121	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	28.0		ug/L		112	70 - 126	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.8		ug/L		119	52 - 148	15	20
1,1,2-Trichloroethane	ND		25.0	29.8		ug/L		119	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	31.8		ug/L		127	71 - 129	2	20
1,1-Dichloroethene	ND		25.0	31.7	F1	ug/L		127	58 - 121	2	16
1,2,4-Trichlorobenzene	1.1		25.0	31.3		ug/L		121	70 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.0		ug/L		104	56 - 134	3	15
1,2-Dibromoethane	ND		25.0	30.0		ug/L		120	77 - 120	1	15
1,2-Dichlorobenzene	6.5		25.0	35.3		ug/L		115	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	28.4		ug/L		113	75 - 127	2	20
1,2-Dichloropropane	ND		25.0	30.0		ug/L		120	76 - 120	0	20
1,3-Dichlorobenzene	1.6		25.0	31.3		ug/L		119	77 - 120	2	20
1,4-Dichlorobenzene	3.8		25.0	33.3		ug/L		118	75 - 120	0	20

TestAmerica Buffalo



# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-70897-1 MSD

Client Sample ID: BCC Area E DMH-E31 MSD\_1114

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 214353

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2-Butanone (MEK)	ND		125	134		ug/L		107	57 - 140	0	20
2-Hexanone	ND		125	142		ug/L		114	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		125	142		ug/L		114	71 - 125	1	35
Acetone	3.8	J	125	139		ug/L		108	56 - 142	2	15
Benzene	ND		25.0	30.3		ug/L		121	71 - 124	1	13
Bromodichloromethane	ND		25.0	28.3		ug/L		113	80 - 122	0	15
Bromoform	ND		25.0	25.0		ug/L		100	52 - 132	0	15
Bromomethane	ND		25.0	43.2	F1	ug/L		173	55 - 144	6	15
Carbon disulfide	ND		25.0	26.7		ug/L		107	59 - 134	6	15
Carbon tetrachloride	ND		25.0	29.2		ug/L		117	72 - 134	1	15
Chlorobenzene	7.6		25.0	39.1	F1	ug/L		126	72 - 120	0	25
Chloroethane	ND		25.0	32.4		ug/L		130	69 - 136	3	15
Chloroform	ND		25.0	28.8		ug/L		115	73 - 127	2	20
Chloromethane	ND		25.0	38.6	F1 F2	ug/L		154	68 - 124	32	15
cis-1,2-Dichloroethene	ND		25.0	30.2		ug/L		121	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	28.4		ug/L		113	74 - 124	0	15
Cyclohexane	ND		25.0	29.7		ug/L		119	59 - 135	0	20
Dibromochloromethane	ND		25.0	28.3		ug/L		113	75 - 125	2	15
Dichlorodifluoromethane	ND		25.0	27.6		ug/L		110	59 - 135	4	20
Ethylbenzene	ND		25.0	31.3	F1	ug/L		125	77 - 123	0	15
Isopropylbenzene	ND		25.0	30.6		ug/L		122	77 - 122	2	20
Methyl acetate	ND		125	149		ug/L		119	74 - 133	1	20
Methyl tert-butyl ether	ND		25.0	27.5		ug/L		110	64 - 127	1	37
Methylcyclohexane	ND		25.0	31.3		ug/L		125	61 - 138	1	20
Methylene Chloride	ND		25.0	28.6		ug/L		115	57 - 132	1	15
Styrene	ND		25.0	31.5		ug/L		126	70 - 130	0	20
Tetrachloroethene	ND		25.0	32.5	F1	ug/L		130	74 - 122	1	20
Toluene	ND		25.0	30.8	F1	ug/L		123	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	31.9	F1	ug/L		128	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	72 - 123	2	15
Trichloroethene	ND		25.0	31.0	F1	ug/L		124	74 - 123	0	16
Trichlorofluoromethane	ND		25.0	34.4		ug/L		137	62 - 152	4	20
Vinyl chloride	ND		25.0	30.6		ug/L		123	65 - 133	4	15
Xylenes, Total	ND		50.0	62.9	F1	ug/L		126	76 - 122	0	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
4-Bromofluorobenzene (Surr)	110		73 - 120
Toluene-d8 (Surr)	110		71 - 126

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-212797/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 216155

Prep Batch: 212797

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/14 14:05	11/26/14 17:11	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-212797/1-A

Matrix: Water

Analysis Batch: 216155

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 212797

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/14 14:05	11/26/14 17:11	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/14 14:05	11/26/14 17:11	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/14 14:05	11/26/14 17:11	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/14 14:05	11/26/14 17:11	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/14 14:05	11/26/14 17:11	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/14 14:05	11/26/14 17:11	1
Aniline	ND		10	0.61	ug/L		11/07/14 14:05	11/26/14 17:11	1
Anthracene	ND		5.0	0.28	ug/L		11/07/14 14:05	11/26/14 17:11	1
Atrazine	ND		5.0	0.46	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzaldehyde	1.26	J	5.0	0.27	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/14 14:05	11/26/14 17:11	1
Biphenyl	ND		5.0	0.65	ug/L		11/07/14 14:05	11/26/14 17:11	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/14 14:05	11/26/14 17:11	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/14 14:05	11/26/14 17:11	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		11/07/14 14:05	11/26/14 17:11	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/07/14 14:05	11/26/14 17:11	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
Carbazole	ND		5.0	0.30	ug/L		11/07/14 14:05	11/26/14 17:11	1
Chrysene	ND		5.0	0.33	ug/L		11/07/14 14:05	11/26/14 17:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/14 14:05	11/26/14 17:11	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/14 14:05	11/26/14 17:11	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/14 14:05	11/26/14 17:11	1

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-212797/1-A**

**Matrix: Water**

**Analysis Batch: 216155**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 212797**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/14 14:05	11/26/14 17:11	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
Fluorene	ND		5.0	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/14 14:05	11/26/14 17:11	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/14 14:05	11/26/14 17:11	1
Isophorone	ND		5.0	0.43	ug/L		11/07/14 14:05	11/26/14 17:11	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/14 14:05	11/26/14 17:11	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/14 14:05	11/26/14 17:11	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/14 14:05	11/26/14 17:11	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/14 14:05	11/26/14 17:11	1
Phenol	ND		5.0	0.39	ug/L		11/07/14 14:05	11/26/14 17:11	1
Pyrene	ND		5.0	0.34	ug/L		11/07/14 14:05	11/26/14 17:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	78		52 - 132	11/07/14 14:05	11/26/14 17:11	1
2-Fluorobiphenyl	84		48 - 120	11/07/14 14:05	11/26/14 17:11	1
2-Fluorophenol	89		20 - 120	11/07/14 14:05	11/26/14 17:11	1
Nitrobenzene-d5	92		46 - 120	11/07/14 14:05	11/26/14 17:11	1
Phenol-d5	67		16 - 120	11/07/14 14:05	11/26/14 17:11	1
p-Terphenyl-d14	90		67 - 150	11/07/14 14:05	11/26/14 17:11	1

**Lab Sample ID: LCS 480-212797/2-A**

**Matrix: Water**

**Analysis Batch: 216155**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 212797**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
2,4,5-Trichlorophenol	16.0	14.3		ug/L		89	65 - 126
2,4,6-Trichlorophenol	16.0	14.5		ug/L		91	64 - 120
2,4-Dichlorophenol	16.0	13.0		ug/L		81	64 - 120
2,4-Dimethylphenol	16.0	12.5		ug/L		78	57 - 120
2,4-Dinitrophenol	32.0	29.7		ug/L		93	42 - 153
2,4-Dinitrotoluene	16.0	13.7		ug/L		86	65 - 154
2,6-Dinitrotoluene	16.0	13.1		ug/L		82	74 - 134
2-Chloronaphthalene	16.0	12.9		ug/L		81	41 - 124
2-Chlorophenol	16.0	13.8		ug/L		86	48 - 120
2-Methylnaphthalene	16.0	11.9		ug/L		74	34 - 122
2-Methylphenol	16.0	13.2		ug/L		83	39 - 120
2-Nitroaniline	16.0	12.1		ug/L		76	67 - 136
2-Nitrophenol	16.0	13.2		ug/L		83	59 - 120
3,3'-Dichlorobenzidine	32.0	32.0		ug/L		100	33 - 140
3-Nitroaniline	16.0	15.8	*	ug/L		98	28 - 86
4,6-Dinitro-2-methylphenol	32.0	28.3		ug/L		88	64 - 159
4-Bromophenyl phenyl ether	16.0	12.4		ug/L		77	71 - 126

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-212797/2-A**

**Matrix: Water**

**Analysis Batch: 216155**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 212797**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	16.0	12.7		ug/L		80	64 - 120
4-Chloroaniline	16.0	9.36		ug/L		58	10 - 77
4-Chlorophenyl phenyl ether	16.0	12.9		ug/L		80	71 - 122
4-Methylphenol	16.0	12.8		ug/L		80	39 - 120
4-Nitroaniline	16.0	15.9		ug/L		100	47 - 113
4-Nitrophenol	32.0	19.3		ug/L		60	16 - 120
Acenaphthene	16.0	12.4		ug/L		78	60 - 120
Acenaphthylene	16.0	12.9		ug/L		80	63 - 120
Acetophenone	16.0	12.7		ug/L		79	45 - 120
Aniline	16.0	12.1		ug/L		76	37 - 120
Anthracene	16.0	12.5		ug/L		78	58 - 148
Atrazine	32.0	28.5		ug/L		89	56 - 179
Benzaldehyde	32.0	45.8	*	ug/L		143	30 - 140
Benzo(a)anthracene	16.0	13.3		ug/L		83	55 - 151
Benzo(a)pyrene	16.0	13.1		ug/L		82	60 - 145
Benzo(b)fluoranthene	16.0	12.8		ug/L		80	54 - 140
Benzo(g,h,i)perylene	16.0	12.5		ug/L		78	66 - 152
Benzo(k)fluoranthene	16.0	13.2		ug/L		83	51 - 153
Biphenyl	16.0	12.9		ug/L		81	30 - 140
bis (2-chloroisopropyl) ether	16.0	10.6		ug/L		66	28 - 136
Bis(2-chloroethoxy)methane	16.0	11.7		ug/L		73	50 - 128
Bis(2-chloroethyl)ether	16.0	11.3		ug/L		71	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	15.5		ug/L		97	53 - 158
Butyl benzyl phthalate	16.0	13.7		ug/L		85	58 - 163
Caprolactam	32.0	9.41		ug/L		29	14 - 56
Carbazole	16.0	18.6		ug/L		116	59 - 148
Chrysene	16.0	13.3		ug/L		83	69 - 140
Dibenz(a,h)anthracene	16.0	13.0		ug/L		81	57 - 148
Dibenzofuran	16.0	12.2		ug/L		76	49 - 137
Diethyl phthalate	16.0	13.0		ug/L		81	59 - 146
Dimethyl phthalate	16.0	12.6		ug/L		78	59 - 141
Di-n-butyl phthalate	16.0	13.4		ug/L		84	58 - 149
Di-n-octyl phthalate	16.0	15.0		ug/L		94	55 - 167
Fluoranthene	16.0	12.7		ug/L		79	55 - 147
Fluorene	16.0	12.4		ug/L		77	55 - 143
Hexachlorobenzene	16.0	12.6		ug/L		79	14 - 108
Hexachlorobutadiene	16.0	11.4		ug/L		71	14 - 108
Hexachlorocyclopentadiene	16.0	8.77		ug/L		55	13 - 119
Hexachloroethane	16.0	10.4		ug/L		65	14 - 101
Indeno(1,2,3-cd)pyrene	16.0	12.9		ug/L		81	69 - 146
Isophorone	16.0	11.4		ug/L		72	48 - 133
Naphthalene	16.0	12.0		ug/L		75	35 - 117
Nitrobenzene	16.0	13.1		ug/L		82	45 - 123
N-Nitrosodi-n-propylamine	16.0	11.7		ug/L		73	56 - 120
N-Nitrosodiphenylamine	32.0	25.1		ug/L		78	25 - 125
Pentachlorophenol	32.0	24.6		ug/L		77	39 - 136
Phenanthrene	16.0	12.3		ug/L		77	57 - 147
Phenol	16.0	9.61		ug/L		60	17 - 120

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-212797/2-A**

**Matrix: Water**

**Analysis Batch: 216155**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 212797**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	16.0	13.4		ug/L		84	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	84		52 - 132
2-Fluorobiphenyl	76		48 - 120
2-Fluorophenol	88		20 - 120
Nitrobenzene-d5	86		46 - 120
Phenol-d5	61		16 - 120
p-Terphenyl-d14	84		67 - 150

**Lab Sample ID: 480-70897-1 MS**

**Matrix: Water**

**Analysis Batch: 216346**

**Client Sample ID: BCC Area E DMH-E31 MS\_1114**

**Prep Type: Total/NA**

**Prep Batch: 212797**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		16.0	ND		ug/L		NC	65 - 126
2,4,6-Trichlorophenol	ND		16.0	ND		ug/L		NC	64 - 120
2,4-Dichlorophenol	ND		16.0	53.3	J	ug/L		NC	64 - 120
2,4-Dimethylphenol	ND		16.0	ND		ug/L		NC	57 - 120
2,4-Dinitrophenol	ND		32.0	363	J	ug/L		NC	42 - 153
2,4-Dinitrotoluene	91	J	16.0	113	J 4	ug/L		140	62 - 148
2,6-Dinitrotoluene	110	J	16.0	153	J 4	ug/L		293	65 - 154
2-Chloronaphthalene	ND		16.0	ND		ug/L		NC	41 - 124
2-Chlorophenol	ND		16.0	ND		ug/L		NC	48 - 120
2-Methylnaphthalene	ND		16.0	ND		ug/L		NC	34 - 122
2-Methylphenol	ND		16.0	ND		ug/L		NC	39 - 120
2-Nitroaniline	ND		16.0	40.8	J	ug/L		NC	67 - 136
2-Nitrophenol	ND		16.0	45.3	J	ug/L		NC	59 - 120
3,3'-Dichlorobenzidine	ND		32.0	26.3	J	ug/L		82	33 - 140
3-Nitroaniline	ND	*	16.0	ND		ug/L		NC	69 - 129
4,6-Dinitro-2-methylphenol	ND		32.0	246	J	ug/L		NC	64 - 159
4-Bromophenyl phenyl ether	ND		16.0	ND		ug/L		NC	71 - 126
4-Chloro-3-methylphenol	ND		16.0	ND		ug/L		NC	64 - 120
4-Chloroaniline	ND		16.0	ND		ug/L		NC	60 - 124
4-Chlorophenyl phenyl ether	ND		16.0	ND		ug/L		NC	48 - 145
4-Methylphenol	ND		16.0	ND		ug/L		NC	36 - 120
4-Nitroaniline	ND		16.0	ND	F1	ug/L		0	64 - 135
4-Nitrophenol	ND		32.0	99.8	J	ug/L		NC	16 - 120
Acenaphthene	ND		16.0	ND		ug/L		NC	60 - 120
Acenaphthylene	ND		16.0	ND		ug/L		NC	63 - 120
Acetophenone	ND		16.0	ND		ug/L		NC	45 - 120
Aniline	ND		16.0	ND		ug/L		NC	37 - 120
Anthracene	ND		16.0	ND	F1	ug/L		0	58 - 148
Atrazine	ND		32.0	33.8	J	ug/L		106	56 - 179
Benzaldehyde	ND	*	32.0	54.2	J F1	ug/L		169	30 - 140
Benzo(a)anthracene	ND		16.0	ND		ug/L		NC	55 - 151
Benzo(a)pyrene	ND		16.0	ND		ug/L		NC	60 - 145
Benzo(b)fluoranthene	ND		16.0	ND		ug/L		NC	54 - 140

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-70897-1 MS**

**Matrix: Water**

**Analysis Batch: 216346**

**Client Sample ID: BCC Area E DMH-E31 MS\_1114**

**Prep Type: Total/NA**

**Prep Batch: 212797**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzo(g,h,i)perylene	ND		16.0	ND		ug/L		NC	66 - 152
Benzo(k)fluoranthene	ND		16.0	ND		ug/L		NC	51 - 153
Biphenyl	ND		16.0	ND		ug/L		NC	30 - 140
bis (2-chloroisopropyl) ether	ND		16.0	ND		ug/L		NC	28 - 136
Bis(2-chloroethoxy)methane	ND		16.0	ND		ug/L		NC	50 - 128
Bis(2-chloroethyl)ether	ND		16.0	ND		ug/L		NC	51 - 120
Bis(2-ethylhexyl) phthalate	ND		16.0	ND		ug/L		NC	53 - 158
Butyl benzyl phthalate	ND		16.0	ND		ug/L		NC	58 - 163
Caprolactam	ND		32.0	ND		ug/L		NC	30 - 140
Carbazole	ND		16.0	ND	F1	ug/L		0	59 - 148
Chrysene	ND		16.0	ND		ug/L		NC	69 - 140
Dibenz(a,h)anthracene	ND		16.0	ND		ug/L		NC	57 - 158
Dibenzofuran	ND		16.0	ND		ug/L		NC	49 - 137
Diethyl phthalate	ND		16.0	16.2	J	ug/L		102	59 - 146
Dimethyl phthalate	ND		16.0	ND		ug/L		NC	59 - 141
Di-n-butyl phthalate	ND		16.0	ND	F1	ug/L		0	58 - 149
Di-n-octyl phthalate	ND		16.0	ND		ug/L		NC	55 - 167
Fluoranthene	ND		16.0	ND		ug/L		NC	55 - 147
Fluorene	ND		16.0	ND		ug/L		NC	55 - 143
Hexachlorobenzene	ND		16.0	ND		ug/L		NC	38 - 131
Hexachlorobutadiene	ND		16.0	ND		ug/L		NC	14 - 108
Hexachlorocyclopentadiene	ND		16.0	151	J	ug/L		NC	13 - 119
Hexachloroethane	ND		16.0	ND		ug/L		NC	14 - 101
Indeno(1,2,3-cd)pyrene	ND		16.0	ND		ug/L		NC	69 - 146
Isophorone	ND		16.0	ND		ug/L		NC	48 - 133
Naphthalene	ND		16.0	ND		ug/L		NC	35 - 117
Nitrobenzene	ND		16.0	16.3	J	ug/L		102	45 - 123
N-Nitrosodi-n-propylamine	ND		16.0	ND		ug/L		NC	56 - 120
N-Nitrosodiphenylamine	ND		32.0	29.9	J	ug/L		94	25 - 125
Pentachlorophenol	ND		32.0	276	J	ug/L		NC	39 - 136
Phenanthrene	ND		16.0	ND		ug/L		NC	57 - 147
Phenol	ND		16.0	ND		ug/L		NC	17 - 120
Pyrene	ND		16.0	ND		ug/L		NC	58 - 136

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	170	X	52 - 132
2-Fluorobiphenyl	88		48 - 120
2-Fluorophenol	19	X	20 - 120
Nitrobenzene-d5	88		46 - 120
Phenol-d5	34		16 - 120
p-Terphenyl-d14	73		67 - 150

**Lab Sample ID: 480-70897-1 MSD**

**Matrix: Water**

**Analysis Batch: 216346**

**Client Sample ID: BCC Area E DMH-E31 MSD\_1114**

**Prep Type: Total/NA**

**Prep Batch: 212797**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
2,4,5-Trichlorophenol	ND		16.0	ND		ug/L		NC	65 - 126	NC	18

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-70897-1 MSD

Client Sample ID: BCC Area E DMH-E31 MSD\_1114

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 216346

Prep Batch: 212797

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2,4,6-Trichlorophenol	ND		16.0	ND		ug/L		NC	64 - 120	NC	19
2,4-Dichlorophenol	ND		16.0	54.9	J	ug/L		NC	64 - 120	3	19
2,4-Dimethylphenol	ND		16.0	ND		ug/L		NC	57 - 120	NC	42
2,4-Dinitrophenol	ND		32.0	364	J	ug/L		NC	42 - 153	0	22
2,4-Dinitrotoluene	91	J	16.0	110	J 4	ug/L		120	62 - 148	3	20
2,6-Dinitrotoluene	110	J	16.0	151	J 4	ug/L		279	65 - 154	1	15
2-Chloronaphthalene	ND		16.0	ND		ug/L		NC	41 - 124	NC	21
2-Chlorophenol	ND		16.0	ND		ug/L		NC	48 - 120	NC	25
2-Methylnaphthalene	ND		16.0	ND		ug/L		NC	34 - 122	NC	21
2-Methylphenol	ND		16.0	ND		ug/L		NC	39 - 120	NC	27
2-Nitroaniline	ND		16.0	39.9	J	ug/L		NC	67 - 136	2	15
2-Nitrophenol	ND		16.0	44.6	J	ug/L		NC	59 - 120	2	18
3,3'-Dichlorobenzidine	ND		32.0	28.6	J	ug/L		90	33 - 140	9	25
3-Nitroaniline	ND	*	16.0	ND		ug/L		NC	69 - 129	NC	19
4,6-Dinitro-2-methylphenol	ND		32.0	241	J	ug/L		NC	64 - 159	2	15
4-Bromophenyl phenyl ether	ND		16.0	ND		ug/L		NC	71 - 126	NC	15
4-Chloro-3-methylphenol	ND		16.0	ND		ug/L		NC	64 - 120	NC	27
4-Chloroaniline	ND		16.0	ND		ug/L		NC	60 - 124	NC	22
4-Chlorophenyl phenyl ether	ND		16.0	ND		ug/L		NC	48 - 145	NC	16
4-Methylphenol	ND		16.0	ND		ug/L		NC	36 - 120	NC	24
4-Nitroaniline	ND		16.0	13.5	J	ug/L		85	64 - 135	NC	24
4-Nitrophenol	ND		32.0	106	J	ug/L		NC	16 - 120	6	48
Acenaphthene	ND		16.0	ND		ug/L		NC	60 - 120	NC	24
Acenaphthylene	ND		16.0	ND		ug/L		NC	63 - 120	NC	18
Acetophenone	ND		16.0	ND		ug/L		NC	45 - 120	NC	20
Aniline	ND		16.0	ND		ug/L		NC	37 - 120	NC	30
Anthracene	ND		16.0	14.2	J	ug/L		89	58 - 148	NC	15
Atrazine	ND		32.0	27.9	J	ug/L		87	56 - 179	19	20
Benzaldehyde	ND	*	32.0	52.9	J F1	ug/L		165	30 - 140	2	20
Benzo(a)anthracene	ND		16.0	ND		ug/L		NC	55 - 151	NC	15
Benzo(a)pyrene	ND		16.0	ND		ug/L		NC	60 - 145	NC	15
Benzo(b)fluoranthene	ND		16.0	ND		ug/L		NC	54 - 140	NC	15
Benzo(g,h,i)perylene	ND		16.0	ND		ug/L		NC	66 - 152	NC	15
Benzo(k)fluoranthene	ND		16.0	ND		ug/L		NC	51 - 153	NC	22
Biphenyl	ND		16.0	ND		ug/L		NC	30 - 140	NC	20
bis (2-chloroisopropyl) ether	ND		16.0	ND		ug/L		NC	28 - 136	NC	24
Bis(2-chloroethoxy)methane	ND		16.0	ND		ug/L		NC	50 - 128	NC	17
Bis(2-chloroethyl)ether	ND		16.0	ND		ug/L		NC	51 - 120	NC	21
Bis(2-ethylhexyl) phthalate	ND		16.0	ND		ug/L		NC	53 - 158	NC	15
Butyl benzyl phthalate	ND		16.0	ND		ug/L		NC	58 - 163	NC	16
Caprolactam	ND		32.0	ND		ug/L		NC	30 - 140	NC	20
Carbazole	ND		16.0	ND	F1	ug/L		0	59 - 148	NC	20
Chrysene	ND		16.0	ND		ug/L		NC	69 - 140	NC	15
Dibenz(a,h)anthracene	ND		16.0	ND		ug/L		NC	57 - 158	NC	15
Dibenzofuran	ND		16.0	ND		ug/L		NC	49 - 137	NC	15
Diethyl phthalate	ND		16.0	16.8	J	ug/L		105	59 - 146	3	15
Dimethyl phthalate	ND		16.0	ND		ug/L		NC	59 - 141	NC	15
Di-n-butyl phthalate	ND		16.0	ND	F1	ug/L		0	58 - 149	NC	15

TestAmerica Buffalo

# QC Sample Results

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-70897-1 MSD

Matrix: Water

Analysis Batch: 216346

Client Sample ID: BCC Area E DMH-E31 MSD\_1114

Prep Type: Total/NA

Prep Batch: 212797

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit	
Di-n-octyl phthalate	ND		16.0	ND		ug/L		NC	55 - 167	NC	16
Fluoranthene	ND		16.0	ND		ug/L		NC	55 - 147	NC	15
Fluorene	ND		16.0	ND		ug/L		NC	55 - 143	NC	15
Hexachlorobenzene	ND		16.0	ND		ug/L		NC	38 - 131	NC	15
Hexachlorobutadiene	ND		16.0	ND		ug/L		NC	14 - 108	NC	44
Hexachlorocyclopentadiene	ND		16.0	ND		ug/L		NC	13 - 119	NC	49
Hexachloroethane	ND		16.0	ND		ug/L		NC	14 - 101	NC	46
Indeno(1,2,3-cd)pyrene	ND		16.0	ND		ug/L		NC	69 - 146	NC	15
Isophorone	ND		16.0	ND		ug/L		NC	48 - 133	NC	17
Naphthalene	ND		16.0	ND		ug/L		NC	35 - 117	NC	29
Nitrobenzene	ND		16.0	ND	F1	ug/L		0	45 - 123	NC	24
N-Nitrosodi-n-propylamine	ND		16.0	ND		ug/L		NC	56 - 120	NC	31
N-Nitrosodiphenylamine	ND		32.0	31.6	J	ug/L		99	25 - 125	5	15
Pentachlorophenol	ND		32.0	272	J	ug/L		NC	39 - 136	1	37
Phenanthrene	ND		16.0	ND		ug/L		NC	57 - 147	NC	15
Phenol	ND		16.0	ND		ug/L		NC	17 - 120	NC	34
Pyrene	ND		16.0	ND		ug/L		NC	58 - 136	NC	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	167	X	52 - 132
2-Fluorobiphenyl	95		48 - 120
2-Fluorophenol	26		20 - 120
Nitrobenzene-d5	93		46 - 120
Phenol-d5	44		16 - 120
p-Terphenyl-d14	76		67 - 150



# QC Association Summary

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## GC/MS VOA

### Analysis Batch: 214353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70897-1	BCC Area E DMH-E31_1114	Total/NA	Water	8260C	
480-70897-1 MS	BCC Area E DMH-E31 MS_1114	Total/NA	Water	8260C	
480-70897-1 MSD	BCC Area E DMH-E31 MSD_1114	Total/NA	Water	8260C	
480-70897-2	BCC Area E DMH-E31 D_1114	Total/NA	Water	8260C	
480-70897-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-214353/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-214353/7	Method Blank	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 212797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70897-1	BCC Area E DMH-E31_1114	Total/NA	Water	3510C	
480-70897-1 MS	BCC Area E DMH-E31 MS_1114	Total/NA	Water	3510C	
480-70897-1 MSD	BCC Area E DMH-E31 MSD_1114	Total/NA	Water	3510C	
480-70897-2	BCC Area E DMH-E31 D_1114	Total/NA	Water	3510C	
LCS 480-212797/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-212797/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 216155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-212797/2-A	Lab Control Sample	Total/NA	Water	8270D	212797
MB 480-212797/1-A	Method Blank	Total/NA	Water	8270D	212797

### Analysis Batch: 216346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70897-1	BCC Area E DMH-E31_1114	Total/NA	Water	8270D	212797
480-70897-1 MS	BCC Area E DMH-E31 MS_1114	Total/NA	Water	8270D	212797
480-70897-1 MSD	BCC Area E DMH-E31 MSD_1114	Total/NA	Water	8270D	212797

### Analysis Batch: 216441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70897-2	BCC Area E DMH-E31 D_1114	Total/NA	Water	8270D	212797

# Lab Chronicle

Client: Ontario Specialty Contracting, Inc.  
 Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

**Client Sample ID: BCC Area E DMH-E31\_1114**

**Lab Sample ID: 480-70897-1**

Date Collected: 11/06/14 09:00

Matrix: Water

Date Received: 11/06/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214353	11/17/14 01:45	EDB	TAL BUF
Total/NA	Prep	3510C			212797	11/07/14 14:05	CPH	TAL BUF
Total/NA	Analysis	8270D		50	216346	11/28/14 19:42	PJQ	TAL BUF

**Client Sample ID: BCC Area E DMH-E31 D\_1114**

**Lab Sample ID: 480-70897-2**

Date Collected: 11/06/14 09:30

Matrix: Water

Date Received: 11/06/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214353	11/17/14 02:08	EDB	TAL BUF
Total/NA	Prep	3510C			212797	11/07/14 14:05	CPH	TAL BUF
Total/NA	Analysis	8270D		10	216441	11/29/14 14:41	DMR	TAL BUF

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-70897-3**

Date Collected: 11/06/14 00:00

Matrix: Water

Date Received: 11/06/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214353	11/17/14 02:31	EDB	TAL BUF

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

## 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	03-31-15

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Method Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



# Sample Summary

Client: Ontario Specialty Contracting, Inc.  
Project/Site: Buffalo Color Area E Storm Sewer

TestAmerica Job ID: 480-70897-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-70897-1	BCC Area E DMH-E31_1114	Water	11/06/14 09:00	11/06/14 16:00
480-70897-2	BCC Area E DMH-E31 D_1114	Water	11/06/14 09:30	11/06/14 16:00
480-70897-3	TRIP BLANK	Water	11/06/14 00:00	11/06/14 16:00

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

TestAmerica Buffalo  
10 Hazelwood Drive

Amherst, NY 14228  
phone 716.504.9852 fax 716.691.7991



480-70897 Chain of Custody

urd

TestAmerica  
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact Ontario Specialty Contracting Inc. 333 Ganson Street Buffalo, NY, 14203 716-856-3333 Phone 716-842-1630 FAX Project Name: Buffalo Color Area E Storm Sewer Site: HoneyWell Buffalo Color - NY5A9482 EIM SITE ID - 37745 PO# 52954		Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (W) W <input checked="" type="checkbox"/> TAT 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Tom Wagner Lab Contact: Schove, John Date: 11-6-11 Carrier: OSC		COC No: 869R-1114 I. of I. COCs Job No. 0913-OMMI SDG No.	
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Specific Notes	
BCC_Area E_DMHE31_1114	11/6/14	0900	G	W	5	8270C - (MOD) TLC SVOA - 4.2 list + online	
BCC_Area E_DMHE31D_1114	11/6/14	0930	G	W	5	8260B - TLC 42 list (TLC VOC)	
BCC_Area E_DMHE31MS_1114	11/6/14	1000	G	W	5		
BCC_Area E_DMHE31MSD_1114	11/6/14	1030	G	W	5		
Trip Blank		N/A	N/A	W	3		
Container Volume (ml) 1000 5 2-Vial 1-A						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown Special Instructions/QC Requirements & Comments:							
Relinquished by: Tom Wagner		Relinquished by: OSC		Date/Time: 11/6/14 1600		Company: TA BURE	
Relinquished by:		Relinquished by:		Date/Time:		Company:	

#1 2.5



## Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-70897-1

**Login Number: 70897**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Janish, Carl 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.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OSC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	



**ATTACHMENT F**  
**GROUNDWATER SAMPLE LOGS**



**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT: Buffalo Color Corporation      SAMPLE ID: BCC\_AREA\_E\_ICM-PZ-02S\_0314      **ONTARIO SPECIALTY CONTRACTING, INC.**

WELL ID: ICM-PZ-02S      SAMPLE EVENT: AREA\_E\_1Q2014      SAMPLE DATE: 3/19/2014

TIME: START      END      JOB NUMBER: 09130MM      SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 10.63 FT

WELL DEPTH: 20.0 FT

WELL DIAMETER: 2.0 IN

SCREEN LENGTH: 10.0 FT

TOTAL VOL. PURGED: GAL

MEASUREMENT POINT:  TOP OF WELL RISER,  TOP OF PROTECTIVE CASING,  OTHER

MEASUREMENT POINT ELEVATION: 585.858 FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.5 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO

TIME OF SAMPLE COLLECTION:

NAPL REMOVAL METHOD:  BAILER,  PERISTALTIC PUMP,  ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

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	
											PURGE DATA

**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		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>
MS	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
MSD	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO

NUMBER OF GALLONS GENERATED:

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT

SAMPLE ID

WELL ID

SAMPLE EVENT

SAMPLE DATE

TIME

JOB NUMBER

SAMPLER

**WATER LEVEL / PUMP SETTINGS**

**MEASUREMENT POINT**

**NAPL REMOVAL METHOD**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  IN  
 SCREEN LENGTH  FT  
 TOTAL VOL. PURGED  GAL

TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

MEASUREMENT POINT ELEVATION  FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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

**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	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
 NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

# FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
13:57		9.53	155	7.79	0.929	6.88	4.69	14.94	87.1	
13:59	0.082	9.63	155	7.72	0.927	6.87	4.59	11.59	83.9	
14:01	0.082	9.69	155	7.55	0.927	6.84	4.50	15.51	82.0	
14:03	0.082	9.76	155	7.58	0.924	6.83	4.40	18.03	80.9	
14:05	0.082	9.83	155	7.63	0.924	6.81	4.36	17.20	79.6	
14:07	0.082	9.89	155	7.59	0.925	6.82	4.41	12.24	78.7	

### 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	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MS	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC

### 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   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
9:50		4.88	160	4.70	0.925	7.22	7.57	37.43	15.8	Iron, clayish color particulates
9:52	0.085	4.88	160	4.55	0.925	7.09	6.89	34.62	23.0	
9:54	0.085	4.89	160	4.42	0.924	7.08	6.49	39.89	26.5	
9:56	0.085	4.89	160	4.29	0.924	7.07	6.34	27.19	29.4	
9:58	0.085	4.88	160	4.21	0.925	7.05	6.13	27.00	32.0	D, MS, MSD

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
 Clayish color particulates : Iron

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT  SAMPLE ID  WELL ID  SAMPLE EVENT  SAMPLE DATE  TIME START  END  JOB NUMBER  SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT

WELL DEPTH  FT

WELL DIAMETER  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  IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION

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
11:55		5.14	160	6.80	0.798	6.68	2.23	16.08	139.8	
11:57	0.085	5.13	160	6.75	0.800	6.66	1.40	11.31	136.1	
11:59	0.085	5.15	160	6.75	0.800	6.65	1.09	7.86	133.3	
12:01	0.085	5.16	160	6.73	0.801	6.64	1.01	7.93	131.6	

**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

STANDARD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
<input checked="" type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
<input checked="" type="checkbox"/>	SVOC CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
<input checked="" type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**


PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS

SIGNATURE: \_\_\_\_\_

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required



**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT **Buffalo Color Corporation**

SAMPLE ID **BCC\_AREA.E\_MW-E06\_0314**

WELL ID **MW-E06**

SAMPLE EVENT **AREA.E\_1Q2014**

SAMPLE DATE **3/25/2014**

TIME **START 7:30 AM END 8:30 AM**

JOB NUMBER **09130MM**

SAMPLER **Tom Wagner (TW)**

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER **3.60 FT**  
 WELL DEPTH **13.0 FT**  
 WELL DIAMETER **2.0 IN**  
 SCREEN LENGTH **10.0 FT**  
 TOTAL VOL. PURGED **0.491 GAL**

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION **586.947 FASL**  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL **3.5 IN**  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION **8:00 AM**

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
7:50		4.59	155	4.59	2.121	6.00	7.94	161.10	36.4	Iron, clayish color particulates, Filtered. S
7:52	0.082	4.60	155	4.68	2.121	5.93	3.56	16.55	35.8	
7:54	0.082	4.60	155	4.69	2.116	5.91	1.46	134.00	35.9	
7:56	0.082	4.61	155	4.73	2.107	5.88	0.83	140.80	35.9	
7:58	0.082	4.61	155	4.70	2.099	5.87	0.73	109.30	35.8	
8:00	0.082	4.62	155	4.89	2.075	5.87	0.67	113.10	34.6	
8:02	0.082	4.62	155	4.81	2.072	5.86	0.81	111.20	33.9	

**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

	STANDARD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED **0.491**

COMMENTS  
 High Turbidity; Filtered Sample

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
9:00		4.52	160	4.70	1.021	5.64	1.09	90.29	95.2	Iron, clayish color particulates, Filtered sa
9:02	0.085	4.52	160	4.75	1.021	5.63	0.09	88.88	91.4	
9:04	0.085	4.52	160	4.81	1.021	5.62	0.81	85.80	88.4	
9:06	0.085	4.54	160	4.86	1.021	5.61	0.76	76.75	85.0	
9:08	0.085	4.55	160	4.90	1.022	5.61	0.68	89.14	82.4	
9:10	0.085	4.45	160	4.91	1.023	5.60	0.65	82.10	80.5	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

**COMMENTS**

High Turbidity; Filtered Sample

**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  SAMPLE ID   
WELL ID  SAMPLE EVENT  SAMPLE DATE   
TIME START  END  JOB NUMBER  SAMPLER

**WATER LEVEL / PUMP SETTINGS**

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

STATIC DEPTH TO WATER  FT  
WELL DEPTH  FT  
WELL DIAMETER  IN  
SCREEN LENGTH  FT  
TOTAL VOL. PURGED  GAL

MEASUREMENT POINT ELEVATION  FASL  
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL  IN  
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
TIME OF SAMPLE COLLECTION

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

**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	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

**COMMENTS**

NAPL WELL MEASUREMENT

**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**       **SAMPLE ID**   
**WELL ID**       **SAMPLE EVENT**   
**TIME**             **JOB NUMBER**       **SAMPLER**   
**ONTARIO SPECIALTY CONTRACTING, INC.**      **SAMPLE DATE**

WATER LEVEL / PUMP SETTINGS		MEASUREMENT POINT	NAPL REMOVAL METHOD
STATIC DEPTH TO WATER	<input type="text" value="5.89"/> FT	<input checked="" type="checkbox"/> TOP OF WELL RISER <input type="checkbox"/> TOP OF PROTECTIVE CASING <input type="checkbox"/> OTHER _____	<input type="checkbox"/> BAILER <input type="checkbox"/> PERISTALTIC PUMP <input type="checkbox"/> ABSORBENT SOCK
WELL DEPTH	<input type="text" value="13.0"/> FT	MEASUREMENT POINT ELEVATION	DEPTH TO NAPL NON DETECT (ND)
WELL DIAMETER	<input type="text" value="2.0"/> IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	<input type="text" value="ND"/> FT
SCREEN LENGTH	<input type="text" value="10.0"/> FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	NAPL VOL. REMOVED
TOTAL VOL. PURGED	<input type="text" value=""/> GAL	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<input type="text" value=""/> GAL
		TIME OF SAMPLE COLLECTION	

TIME	PURGE DATA										
	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O <sub>2</sub> (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS	

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
<input type="checkbox"/> WAILER	<input checked="" type="checkbox"/> SILICONE	<input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL	<input checked="" type="checkbox"/> GEOTECH INTERFACE METER
<input type="checkbox"/> SIMCO BLADDER	<input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE	<input type="checkbox"/> HORIBA U-50 W/ FLOW CELL	<input type="checkbox"/> SOLINST WATER METER
<input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> OTHER _____

ANALYTICAL PARAMETERS		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**  
 PURGE WATER CONTAINERIZED YES  NO       NUMBER OF GALLONS GENERATED

**COMMENTS**  
 NAPL WELL MEASUREMENT

**NOTES**  
 All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT Buffalo Color Corporation

WELL ID MW-E10

TIME START            END           

SAMPLE ID BCC\_AREA.E\_MW-E10\_0314

SAMPLE EVENT AREA.E\_1Q2014

JOB NUMBER 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 3/19/2014

SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER 9.03 FT

WELL DEPTH 13.5 FT

WELL DIAMETER 2.0 IN

SCREEN LENGTH 9.9 FT

TOTAL VOL. PURGED            GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER           

MEASUREMENT POINT ELEVATION 586.34 FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.5 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION           

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

**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	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NUMBER OF GALLONS GENERATED           

COMMENTS  
 NAPL WELL MEASUREMENT

**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: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA\_E\_R-10\_0314

WELL ID: R-10

SAMPLE EVENT: AREA\_E\_1Q2014

SAMPLE DATE: 3/24/2014

TIME: START 1:45 PM END 2:35 PM

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 7.02 FT  
WELL DEPTH: 18.0 FT  
WELL DIAMETER: 3.0 IN  
SCREEN LENGTH: Unknown FT  
TOTAL VOL. PURGED: 0.549 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
MEASUREMENT POINT ELEVATION: 588.784 FASL  
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.58 IN  
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
TIME OF SAMPLE COLLECTION: 2:15 PM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:55		8.01	160	6.83	1.422	8.30	5.61	83.10	-4.3	Dark particulates (metal well), Filtered sa
13:57	0.085	8.01	160	6.85	1.423	8.31	5.08	89.64	-13.2	
13:59	0.085	8.02	160	6.71	1.428	8.31	4.91	65.82	-18.8	
14:02	0.127	8.04	160	6.49	1.435	8.30	4.66	64.02	-25.3	
14:04	0.085	8.05	160	6.54	1.433	8.30	5.57	63.27	-27.5	
14:06	0.085	8.07	160	6.36	1.438	8.28	4.54	63.34	-26.1	
14:08	0.085	8.08	160	6.44	1.436	8.27	4.43	66.06	-23.0	

## 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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.549

## COMMENTS

Dark particulates : Fil. Sample

## 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   
 WELL ID   
 TIME

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER   
 WELL DEPTH   
 WELL DIAMETER   
 SCREEN LENGTH   
 TOTAL VOL. PURGED

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION   
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL   
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK  
 DEPTH TO NAPL NON DETECT (ND)   
 NAPL VOL. REMOVED

**PURGE DATA**

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:50		5.93	165	6.61	0.798	7.96	3.44	30.79	93.5	Dark and clayish color particulates
14:52	0.087	6.08	165	6.55	0.796	7.95	1.42	33.65	75.2	
14:54	0.087	6.27	165	6.68	0.795	7.91	1.00	30.52	68.8	
14:56	0.087	6.40	165	6.72	0.796	7.92	0.81	43.65	62.4	

**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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC	
<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC	
<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS	
<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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  
  
 SIGNATURE: \_\_\_\_\_

**COMMENTS**

Dark and clayish color particulates

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT Buffalo Color Corporation

SAMPLE ID BCC\_AREA.E\_RFI-17\_0314

WELL ID RFI-17

SAMPLE EVENT AREA\_E\_1Q2014

SAMPLE DATE 3/24/2014

TIME START 11:00 AM END 12:35 PM

JOB NUMBER 09130MM

SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER 6.42 FT  
WELL DEPTH 12.0 FT  
WELL DIAMETER 2.0 IN  
SCREEN LENGTH 5.0 FT  
TOTAL VOL. PURGED 0.246 GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
MEASUREMENT POINT ELEVATION 585.815 FASL  
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.5 IN  
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
TIME OF SAMPLE COLLECTION 11:15 AM

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:07		7.70	155	5.92	1.026	6.94	3.53	3.28	112.0	
11:09	0.082	7.78	155	5.86	1.029	6.90	3.39	1.75	95.8	
11:11	0.082	7.86	155	5.72	1.032	6.88	3.33	0.85	88.3	
11:13	0.082	7.96	155	5.76	1.032	6.87	3.25	1.93	83.6	

**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	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
MS	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
MSD	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.246

**COMMENTS**

D, MS, MSD

**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: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA.E\_RFI-29\_0314

WELL ID: RFI-29

SAMPLE EVENT: AREA.E\_1Q2014

SAMPLE DATE: 3/25/2014

TIME: START 2:30 PM END 3:10 PM

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 3.74 FT  
 WELL DEPTH: 14.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.254 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 585.691 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4.58 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 3:00 PM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:35		4.39	160	6.09	1.217	7.72	4.56	3.89	-54.1	
14:37	0.085	4.40	160	6.08	1.218	7.71	2.98	3.37	-53.8	
14:39	0.085	4.40	160	6.08	1.220	7.69	2.02	3.60	-54.2	
14:41	0.085	4.40	160	6.10	1.221	7.67	1.34	3.44	-56.6	

## 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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/>
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.254

## NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

## COMMENTS

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
12:55		6.27	165	7.24	2.103	6.80	1.09	2.76	13.9	
12:57	0.087	6.48	165	7.08	2.124	6.74	0.92	2.50	13.2	
12:59	0.087	6.72	165	7.04	2.131	6.73	0.69	5.91	12.7	
13:03	0.174	6.94	165	7.08	2.134	6.70	0.62	2.87	13.7	
13:05	0.087	7.13	165	7.09	2.139	6.70	0.57	3.25	14.3	
13:07	0.087	7.36	165	7.18	2.140	6.69	0.52	8.03	16.4	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
13:00		4.98	165	6.43	1.884	7.09	2.24	63.33	73.7	
13:02	0.087	4.97	165	6.14	1.768	7.12	2.00	62.81	66.2	
13:04	0.087	4.98	165	5.95	1.592	7.11	2.26	51.60	62.2	
13:06	0.087	4.98	165	5.87	1.492	7.13	2.77	50.11	60.3	
13:08	0.087	4.98	165	5.76	1.315	7.15	3.14	43.72	59.8	
13:10	0.087	4.99	165	5.70	1.226	7.13	3.70	40.57	59.2	
13:12	0.087	5.10	165	5.71	1.096	7.19	4.36	36.55	59.6	
13:14	0.087	5.00	165	5.72	1.026	7.22	4.82	35.60	60.0	

**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	
<input checked="" type="checkbox"/> STANDARD	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/> DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/> MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/> MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**COMMENTS**



# FIELD DATA RECORD - GROUNDWATER SAMPLING



**PROJECT**  **SAMPLE ID**   
**WELL ID**  **SAMPLE EVENT**  **SAMPLE DATE**   
**TIME**  **JOB NUMBER**  **SAMPLER**

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER	<input type="text" value="3.87"/>	FT	MEASUREMENT POINT	<input checked="" type="checkbox"/> TOP OF WELL RISER <input type="checkbox"/> TOP OF PROTECTIVE CASING <input type="checkbox"/> OTHER	NAPL REMOVAL METHOD	<input type="checkbox"/> BAILER <input type="checkbox"/> PERISTALTIC PUMP <input type="checkbox"/> ABSORBENT SOCK		
WELL DEPTH	<input type="text" value="14.0"/>	FT	MEASUREMENT POINT ELEVATION	<input type="text" value="586.956"/>	FASL	DEPTH TO NAPL NON DETECT (ND)	<input type="text" value="ND"/>	FT
WELL DIAMETER	<input type="text" value="2.0"/>	IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	<input type="text" value="2.25"/>	IN	NAPL VOL. REMOVED	<input type="text"/>	GAL
SCREEN LENGTH	<input type="text" value="5.0"/>	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>				
TOTAL VOL. PURGED	<input type="text" value="0.404"/>	GAL	TIME OF SAMPLE COLLECTION	<input type="text" value="10:00 AM"/>				

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:55		6.07	170	5.93	1.878	7.16	0.86	359.60	-114.7	Iron, Very high turbidity, Filtered sample
9:57	0.090	6.11	170	5.90	1.882	7.15	0.64	408.70	-115.3	
10:00	0.135	6.16	170	5.99	1.885	7.16	0.52	399.80	-116.6	
10:02	0.090	6.19	170	6.08	1.885	7.16	0.52	461.60	-116.6	
10:04	0.090	6.22	170	6.07	1.888	7.15	0.50	496.30	-117.0	

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
<input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER

ANALYTICAL PARAMETERS		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	<input checked="" type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NUMBER OF GALLONS GENERATED

**COMMENTS**  
 High Turbidity; Filtered Sample

**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

TIME START  END

SAMPLE ID

SAMPLE EVENT

JOB NUMBER

SAMPLE DATE

SAMPLER

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER  FT

WELL DEPTH  FT

WELL DIAMETER  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  IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION

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
11:10		5.00	160	5.02	0.639	7.25	1.64	44.66	-51.3	
11:12	0.085	4.99	160	4.95	0.642	7.27	1.12	34.74	-49.8	
11:14	0.085	5.00	160	4.78	0.643	7.25	1.00	32.84	-47.0	
11:16	0.085	5.00	160	4.77	0.641	7.24	0.96	22.27	-45.1	

## 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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input type="checkbox"/> 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

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

## COMMENTS

# FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA_E_RFI-PZ-17_0314	ONTARIO SPECIALTY CONTRACTING, INC.	
WELL ID	RFI-PZ-17	SAMPLE EVENT	AREA_E_1Q2014	SAMPLE DATE	3/19/2014
TIME	START _____ END _____	JOB NUMBER	09130MM	SAMPLER	Tom Wagner (TW)

<b>WATER LEVEL / PUMP SETTINGS</b>		<b>MEASUREMENT POINT</b>		<b>NAPL REMOVAL METHOD</b>	
STATIC DEPTH TO WATER	12.52 FT	<input checked="" type="checkbox"/> TOP OF WELL RISER		<input type="checkbox"/> BAILER	
WELL DEPTH	14.0 FT	<input type="checkbox"/> TOP OF PROTECTIVE CASING		<input type="checkbox"/> PERISTALTIC PUMP	
WELL DIAMETER	2.0 IN	<input type="checkbox"/> OTHER _____		<input type="checkbox"/> ABSORBENT SOCK	
SCREEN LENGTH	5.0 FT	MEASUREMENT POINT ELEVATION	586.123 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
TOTAL VOL. PURGED	GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 IN	NAPL VOL. REMOVED	GAL
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
		TIME OF SAMPLE COLLECTION			

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC						COMMENTS
					CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)		

<b>EQUIPMENT DOCUMENTATION</b>			
<b>TYPE OF PUMP</b>	<b>TYPE OF TUBING</b>	<b>TYPE OF WATER QUALITY METER</b>	<b>TYPE OF WATER LEVEL DEVICE</b>
<input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER

ANALYTICAL PARAMETERS		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input type="checkbox"/> VOC				
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

<b>PURGE OBSERVATIONS</b>	
PURGE WATER CONTAINERIZED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
NUMBER OF GALLONS GENERATED	<input type="text"/>

COMMENTS
NAPL WELL MEASUREMENT

<b>NOTES</b>
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required
SIGNATURE: _____

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
13:15		11.77	160	13.80	1.530	6.75	0.74	24.50	-147.4	Sm. Dark particulates
13:17	0.085	11.80	160	13.80	1.530	6.77	0.73	23.60	-143.1	
13:19	0.085	11.83	160	13.80	1.530	6.80	0.70	18.80	-140.5	
13:21	0.085	11.85	160	13.70	1.540	6.81	0.66	18.30	-140.2	
13:24	0.127	11.89	160	13.70	1.540	6.83	0.62	19.00	-140.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

**COMMENTS**

Sm. Dark particulates

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

# FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT

SAMPLE ID

ONTARIO SPECIALTY CONTRACTING, INC.

WELL ID

SAMPLE EVENT

SAMPLE DATE

TIME START  END

JOB NUMBER

SAMPLER

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER  FT

WELL DEPTH  FT

WELL DIAMETER  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  IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION

## 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
14:20		11.86	155	12.90	2.300	6.88	0.73	9.92	-142.1	Sm. Dark particulates
14:22	0.082	11.85	155	12.80	2.310	6.89	0.64	8.71	-144.8	
14:24	0.082	11.86	155	12.80	2.310	6.90	0.51	7.35	-152.8	
14:26	0.082	11.86	155	12.70	2.310	6.91	0.48	7.97	-151.1	

## 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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
Sm. Dark particulates

## 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	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_MW-E03_0614	SAMPLE DATE	6/23/2014
WELL ID	MW-E03	SAMPLE EVENT	AREA.E_2Q2014	SAMPLER	Tom Wagner (TW)
TIME	START 1:45 PM END 3:25 PM	JOB NUMBER	09130MM		

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER	9.43 FT	MEASUREMENT POINT	<input checked="" type="checkbox"/> TOP OF WELL RISER <input type="checkbox"/> TOP OF PROTECTIVE CASING <input type="checkbox"/> OTHER	NAPL REMOVAL METHOD	<input type="checkbox"/> BAILER <input type="checkbox"/> PERISTALTIC PUMP <input type="checkbox"/> ABSORBENT SOCK
WELL DEPTH	13.0 FT	MEASUREMENT POINT ELEVATION	588.457 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.75 IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
TOTAL VOL. PURGED	0.423 GAL	TIME OF SAMPLE COLLECTION	2:15 PM		

**PURGE DATA**

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:55		11.93	160	13.90	0.900	6.69	0.97	35.20	-166.4	D, MS, MSD
13:57	0.085	11.98	160	14.00	0.910	6.66	0.93	33.70	-168.4	
13:59	0.085	12.02	160	15.20	0.900	6.62	0.95	28.80	-167.9	
14:03	0.169	12.06	160	13.90	0.910	6.63	0.93	29.20	-162.1	
14:05	0.085	12.12	160	14.10	0.930	6.63	0.86	27.70	-176.3	

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
<input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER

**ANALYTICAL PARAMETERS**

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/>	VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
	<input checked="" type="checkbox"/>	VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
MS	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
	<input checked="" type="checkbox"/>	VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
MSD	<input checked="" type="checkbox"/>	SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NUMBER OF GALLONS GENERATED	0.423
---------------------------	---	-----------------------------	-------

**COMMENTS**

D, MS, MSD

**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 Buffalo Color Corporation

SAMPLE ID BCC\_AREA\_E\_MW-E04A\_0614

WELL ID MW-E04A

SAMPLE EVENT AREA\_E\_2Q2014

SAMPLE DATE 6/24/2014

TIME START 8:50 AM END 9:30 AM

JOB NUMBER 09130MM

SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER 4.72 FT  
 WELL DEPTH 11.5 FT  
 WELL DIAMETER 2.0 IN  
 SCREEN LENGTH 10.0 FT  
 TOTAL VOL. PURGED 0.305 GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION 588.686 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 1.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION 9:15 AM

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:00		5.45	165	13.50	0.980	6.51	0.46	39.30	116.4	Clayish color particles
9:02	0.087	5.50	165	13.70	0.980	6.51	0.56	37.20	111.3	
9:05	0.131	5.57	165	13.70	0.980	6.52	0.62	24.00	106.2	
9:07	0.087	5.66	165	13.70	0.980	6.53	0.71	23.60	99.9	

**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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.305

COMMENTS  
 Clayish color particulates

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT Buffalo Color Corporation  
 WELL ID MW-E05  
 TIME START 1:20 PM END 2:05 PM

SAMPLE ID BCC\_AREA.E\_MW-E05\_0614  
 SAMPLE EVENT AREA.E\_2Q2014  
 JOB NUMBER 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE 6/24/2014  
 SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**  
 STATIC DEPTH TO WATER 9.43 FT  
 WELL DEPTH 13.0 FT  
 WELL DIAMETER 2.0 IN  
 SCREEN LENGTH 10.0 FT  
 TOTAL VOL. PURGED 0.450 GAL

**MEASUREMENT POINT**  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION 586.679 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 0.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION 1:40 PM

**NAPL REMOVAL METHOD**  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK  
 DEPTH TO NAPL NON DETECT (ND) ND FT  
 NAPL VOL. REMOVED GAL

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:30		5.71	155	16.20	0.920	6.25	0.75	60.60	-21.4	
13:32	0.082	5.71	155	16.20	0.920	6.24	0.60	59.90	-34.5	
13:35	0.123	5.72	155	16.20	0.920	6.23	0.55	70.60	-39.3	
13:37	0.082	5.72	155	15.70	0.920	6.24	0.59	64.80	-44.2	
13:39	0.082	5.72	155	15.90	0.920	6.24	0.55	58.80	-50.8	
13:41	0.082	5.73	155	15.60	0.920	6.25	0.50	52.30	-59.4	

**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		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**  
 PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.450

**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**



PROJECT: Buffalo Color Corporation  
 WELL ID: MW-E06  
 TIME: START 8:50 AM END 9:45 AM

SAMPLE ID: BCC\_AREA.E\_MW-E06\_0614  
 SAMPLE EVENT: AREA.E\_2Q2014  
 JOB NUMBER: 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE: 6/25/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 4.18 FT  
 WELL DEPTH: 13.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 10.0 FT  
 TOTAL VOL. PURGED: 0.523 GAL

**MEASUREMENT POINT**  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER

MEASUREMENT POINT ELEVATION: 586.947 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 9:25 AM

**NAPL REMOVAL METHOD**  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:05		5.11	165	13.40	2.230	5.88	0.30	63.90	-0.4	Clayish color particles
9:07	0.087	6.12	165	13.50	2.220	5.88	0.40	52.90	-0.4	
9:09	0.087	6.12	165	13.50	2.230	5.89	0.42	52.60	-0.7	
9:12	0.131	5.16	165	13.60	2.190	5.89	0.43	61.20	3.1	
9:14	0.087	5.17	165	13.70	2.120	5.88	0.39	67.90	6.8	
9:17	0.131	5.17	165	13.70	2.050	5.86	0.35	64.80	6.9	

**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	<input checked="" type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.523

**COMMENTS**

Clayish color particulates

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

**COMMENTS**

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT Buffalo Color Corporation
WELL ID MW-E07
TIME START 3:05 PM END 3:40 PM

SAMPLE ID BCC\_AREA.E\_MW-E07\_0614
SAMPLE EVENT AREA.E\_2Q2014
JOB NUMBER 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 6/24/2014
SAMPLER Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS
STATIC DEPTH TO WATER 4.26 FT
WELL DEPTH 14.0 FT
WELL DIAMETER 2.0 IN
SCREEN LENGTH 10.0 FT
TOTAL VOL. PURGED 0.262 GAL

MEASUREMENT POINT
TOP OF WELL RISER
MEASUREMENT POINT ELEVATION 587.05 FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.18 IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES X NO
TIME OF SAMPLE COLLECTION 3:20 PM

NAPL REMOVAL METHOD
BAILER
PERISTALTIC PUMP
ABSORBENT SOCK
DEPTH TO NAPL NON DETECT (ND) ND FT
NAPL VOL. REMOVED GAL

PURGE DATA table with columns: 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

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 table with columns: To Be Collected, METHOD NUMBER, PRESERVATION METHOD, VOLUME REQUIRED, SAMPLE COLLECTED

PURGE OBSERVATIONS
PURGE WATER CONTAINERIZED YES X NO
NUMBER OF GALLONS GENERATED 0.262

COMMENTS
Clayish color particulates

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required
SIGNATURE: Thomas B. Wagner

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
9:05		9.56	165	12.90	1.600	6.51	1.42	63.10	103.7	Clayish color particles
9:07	0.087	9.60	165	13.10	1.630	6.42	1.29	42.00	54.1	
9:09	0.087	9.64	165	13.10	1.660	6.40	1.18	36.70	25.2	
9:12	0.131	9.71	165	13.00	1.680	6.38	1.11	28.00	14.9	
9:14	0.087	9.76	165	13.00	1.690	6.38	1.07	26.60	9.1	

**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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS	
<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

**COMMENTS**

Clayish color particulates

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
9:55		9.10	165	13.80	2.340	5.81	1.34	27.20	171.9	
9:57	0.087	9.12	165	13.70	2.360	5.81	1.22	22.40	166.9	
10:00	0.131	9.17	165	13.70	2.370	5.83	1.14	17.40	161.9	
10:02	0.087	9.24	165	13.60	2.380	5.85	1.05	20.50	159.2	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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: Buffalo Color Corporation  
 WELL ID: MW-E10  
 TIME: START 11:00 AM END 11:55 AM

SAMPLE ID: BCC\_AREA\_E\_MW-E10\_0614  
 SAMPLE EVENT: AREA\_E\_2Q2014  
 JOB NUMBER: 09130MM

SAMPLE DATE: 6/26/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 10.52 FT  
 WELL DEPTH: 13.5 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 9.9 FT  
 TOTAL VOL. PURGED: 0.392 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 586.34 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.5 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 11:30 AM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:12		11.65	165	14.00	2.450	6.59	0.54	23.10	-127.9	Clayish color particles
11:14	0.087	11.67	165	14.10	2.460	6.60	0.52	14.70	-130.0	
11:16	0.087	11.70	165	14.10	2.470	6.62	0.49	15.20	-131.9	
11:19	0.131	11.72	165	13.70	2.470	6.63	0.46	18.60	-132.8	
11:21	0.087	11.76	165	13.70	2.460	6.64	0.46	14.60	-133.5	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.392

**COMMENTS**

Clayish color particulates

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT   
WELL ID   
TIME START  END

SAMPLE ID   
SAMPLE EVENT   
JOB NUMBER

SAMPLE DATE   
SAMPLER

**WATER LEVEL / PUMP SETTINGS**

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

STATIC DEPTH TO WATER  FT  
WELL DEPTH  FT  
WELL DIAMETER  IN  
SCREEN LENGTH  FT  
TOTAL VOL. PURGED  GAL

MEASUREMENT POINT ELEVATION  FASL  
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL  IN  
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
TIME OF SAMPLE COLLECTION

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
9:50		6.79	155	11.80	0.489	7.47	0.84	12.20	-275.1	Sm. Dark particulates
9:52	0.082	6.86	155	11.80	0.493	7.50	0.76	10.80	-270.6	
9:54	0.082	6.96	155	11.70	0.504	7.52	0.69	12.00	-265.5	
9:56	0.082	7.04	155	11.70	0.517	7.52	0.64	11.00	-258.7	
9:58	0.082	7.11	155	11.70	0.529	7.52	0.60	11.50	-254.9	

**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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
Sm. Dark particulates

**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: Buffalo Color Corporation  
 WELL ID: R-11  
 TIME: START 3:30 PM END 4:10 PM

SAMPLE ID: BCC\_AREA\_E\_R-11\_0614  
 SAMPLE EVENT: AREA\_E\_2Q2014  
 JOB NUMBER: 09130MM

SAMPLE DATE: 6/23/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER

NAPL REMOVAL METHOD:  BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

STATIC DEPTH TO WATER: 5.98 FT  
 WELL DEPTH: 17.3 FT  
 WELL DIAMETER: 3.0 IN  
 SCREEN LENGTH: Unknown FT  
 TOTAL VOL. PURGED: 0.262 GAL

MEASUREMENT POINT ELEVATION: 586.356 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 3:45 PM

DEPTH TO NAPL NON DETECT (ND): 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
15:35		6.18	165	14.40	0.338	7.62	0.36	14.20	-465.4	
15:37	0.087	6.30	165	14.50	0.338	7.65	0.35	18.20	-469.4	
15:39	0.087	6.45	165	14.30	0.338	7.65	0.35	15.50	-467.1	
15:41	0.087	6.59	165	14.50	0.337	7.64	0.35	13.80	-464.2	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO   
 NUMBER OF GALLONS GENERATED: 0.262

COMMENTS:

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

# FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA.E\_RFI-17\_0614

WELL ID: RFI-17

SAMPLE EVENT: AREA.E\_2Q2014

SAMPLE DATE: 6/24/2014

TIME: START 8:00 AM END 8:40 AM

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 6.55 FT  
 WELL DEPTH: 12.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.254 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 585.815 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 8:30 AM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:10		7.59	160	12.20	1.070	6.56	0.74	2.01	-348.7	
8:12	0.085	7.79	160	12.10	1.070	6.54	0.71	2.81	-288.7	
8:14	0.085	7.91	160	12.00	1.070	6.55	0.65	3.34	-265.5	
8:16	0.085	8.02	160	12.10	1.070	6.57	0.59	2.97	-241.0	

## 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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MSD	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.254

## COMMENTS

## NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: \_\_\_\_\_



# FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA.E\_RFI-29\_0614

ONTARIO SPECIALTY CONTRACTING, INC.

WELL ID: RFI-29

SAMPLE EVENT: AREA.E\_2Q2014

SAMPLE DATE: 6/24/2014

TIME: START 11:05 AM END 11:50 AM

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 4.75 FT  
 WELL DEPTH: 14.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.262 GAL

MEASUREMENT POINT:  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION: 585.691 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4.25 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 11:30 AM

NAPL REMOVAL METHOD:  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:16		6.30	165	14.90	1.050	7.33	0.27	2.54	-199.0	
11:18	0.087	6.30	165	15.00	1.050	7.34	0.26	2.10	-200.3	
11:20	0.087	6.30	165	15.10	1.050	7.35	0.23	1.65	-202.5	
11:22	0.087	6.30	165	15.10	1.050	7.37	0.25	1.21	-202.9	

## 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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.262

## COMMENTS

## NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT: Buffalo Color Corporation      SAMPLE ID: BCC\_AREA.E\_RFI-32\_0614  
 WELL ID: RFI-32      SAMPLE EVENT: AREA.E\_2Q2014  
 TIME: START 12:45 PM END 1:35 PM      JOB NUMBER: 09130MM      SAMPLER: Tom Wagner (TW)  
 SAMPLE DATE: 6/23/2014  
 ONTARIO SPECIALTY CONTRACTING, INC.

**WATER LEVEL / PUMP SETTINGS**

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

STATIC DEPTH TO WATER: 5.23 FT  
 WELL DEPTH: 13.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.436 GAL

MEASUREMENT POINT ELEVATION: 586.621 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.18 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 1:10 PM

DEPTH TO NAPL NON DETECT (ND): 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
13:10		7.10	165	13.30	2.060	6.70	0.54	56.50	-129.7	
13:12	0.087	7.54	165	13.30	2.040	6.61	0.51	38.50	-150.8	
13:15	0.131	7.91	165	13.20	2.030	6.63	0.45	25.90	-152.4	
13:17	0.087	8.21	165	13.20	2.030	6.51	0.44	16.60	-154.2	
13:20	0.131	8.48	165	13.10	1.990	6.50	0.44	12.90	-157.0	

**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

	STANDARD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO       NUMBER OF GALLONS GENERATED: 0.436

**NOTES**  
 All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

**COMMENTS**

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
12:20		5.28	165	18.00	0.760	7.08	1.70	44.50	-126.4	
12:22	0.087	5.37	165	17.90	0.820	6.99	1.48	32.90	-131.4	
12:24	0.087	5.48	165	17.70	0.850	6.96	1.50	28.80	-134.8	
12:27	0.131	5.56	165	17.70	0.920	6.94	1.35	29.70	-137.8	
12:29	0.087	5.62	165	17.80	0.980	6.93	1.14	24.20	-141.2	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

# FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT: Buffalo Color Corporation

WELL ID: RFI-51

TIME: START 8:00 AM END 8:40 AM

SAMPLE ID: BCC\_AREA.E\_RFI-51\_0614

SAMPLE EVENT: AREA.E\_2Q2014

JOB NUMBER: 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE: 6/25/2014

SAMPLER: Tom Wagner (TW)

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 4.43 FT

WELL DEPTH: 14.0 FT

WELL DIAMETER: 2.0 IN

SCREEN LENGTH: 5.0 FT

TOTAL VOL. PURGED: 0.262 GAL

MEASUREMENT POINT:  TOP OF WELL RISER

MEASUREMENT POINT ELEVATION: 586.956 FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.5 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO

TIME OF SAMPLE COLLECTION: 8:25 AM

NAPL REMOVAL METHOD:  BAILER

DEPTH TO NAPL NON DETECT (ND): 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
8:10		6.21	165	12.90	2.660	6.92	0.39	33.90	-148.6	Clayish color particles
8:12	0.087	6.37	165	13.00	2.660	6.95	0.32	24.80	-95.1	
8:14	0.087	6.51	165	12.90	2.660	6.97	0.32	19.30	-75.0	
8:16	0.087	6.62	165	12.90	2.640	6.99	0.30	16.90	-52.6	

## EQUIPMENT DOCUMENTATION

TYPE OF PUMP:  GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING:  HIGH DENSITY POLYETHYLENE

TYPE OF WATER QUALITY METER:  YSI 556 MPS W/ FLOW CELL

TYPE OF WATER LEVEL DEVICE:  GEOTECH INTERFACE METER

## ANALYTICAL PARAMETERS

	STANDARD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO

NUMBER OF GALLONS GENERATED: 0.262

## COMMENTS

Clayish color particulates

## NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

# FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT: Buffalo Color Corporation  
 WELL ID: RFI-PZ-16  
 TIME: START 2:20 PM END 2:55 PM

SAMPLE ID: BCC\_AREA\_E\_RFI-PZ-16\_0614  
 SAMPLE EVENT: AREA\_E\_2Q2014  
 JOB NUMBER: 09130MM

SAMPLE DATE: 6/24/2014  
 SAMPLER: Tom Wagner (TW)

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 6.01 FT  
 WELL DEPTH: 14.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.254 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 587.05 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.5 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 2:40 PM

NAPL REMOVAL METHOD:  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:28		7.74	160	16.10	1.070	6.61	0.43	44.10	-162.8	Clayish color particles
14:30	0.085	7.74	160	16.40	1.070	6.61	0.40	39.30	-170.2	
14:32	0.085	7.74	160	16.30	1.070	6.62	0.38	35.80	-174.2	
14:34	0.085	7.75	160	16.20	1.070	6.63	0.37	33.30	-176.8	

## 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	<input checked="" type="checkbox"/> VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.254

## COMMENTS

Clayish color particulates

## NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT   
 WELL ID   
 TIME START 12:10 PM END 12:55 PM

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
12:20		12.69	165	14.60	1.870	7.08	0.70	5.36	-169.2	
12:22	0.087	12.69	165	14.50	1.860	7.09	0.62	4.45	-174.2	
12:24	0.087	12.69	165	14.40	1.840	7.10	0.60	6.27	-176.7	
12:26	0.087	12.69	165	14.40	1.810	7.11	0.22	5.16	-177.7	
12:29	0.131	12.70	165	14.40	1.820	7.12	0.66	5.62	-177.6	

**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	<input checked="" type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC	
<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC	
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS	
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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: Buffalo Color Corporation; SAMPLE ID: BCC\_AREA.E\_ICM-PZ-02S\_0814; WELL ID: ICM-PZ-02S; SAMPLE EVENT: AREA.E\_3Q2014; SAMPLE DATE: 8/21/2014; TIME: START; END; JOB NUMBER: 09130MM; SAMPLER: Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 11.74 FT; WELL DEPTH: 20.0 FT; WELL DIAMETER: 2.0 IN; SCREEN LENGTH: 10.0 FT; TOTAL VOL. PURGED: GAL

MEASUREMENT POINT: [X] TOP OF WELL RISER; MEASUREMENT POINT ELEVATION: 585.858 FASL; WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.75 IN; WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]

NAPL REMOVAL METHOD: [ ] BAILER [ ] PERISTALTIC PUMP [ ] ABSORBENT SOCK; DEPTH TO NAPL NON DETECT (ND): ND FT; NAPL VOL. REMOVED: GAL

PURGE DATA

Table with columns: 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

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: [X] GEOPUMP PERISTALTIC PUMP; TYPE OF TUBING: [X] SILICONE; TYPE OF WATER QUALITY METER: [X] YSI 556 MPS W/ FLOW CELL; TYPE OF WATER LEVEL DEVICE: [X] GEOTECH INTERFACE METER

ANALYTICAL PARAMETERS

To Be Collected

Table with columns: STANDARD, VOC, SVOC, TAL INORGANICS, METHOD NUMBER, PRESERVATION METHOD, VOLUME REQUIRED, SAMPLE COLLECTED

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]; NUMBER OF GALLONS GENERATED: [ ]

COMMENTS: NAPL WELL MEASUREMENT

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Signature of Thomas B. Wagner

SIGNATURE: \_\_\_\_\_

### FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT Buffalo Color Corporation  
 WELL ID ICM-PZ-03S  
 TIME START END

SAMPLE ID BCC\_AREA\_E\_ICM-PZ-03S\_0814  
 SAMPLE EVENT AREA\_E\_3Q2014  
 JOB NUMBER 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE 8/21/2014  
 SAMPLER Tom Wagner (TW)

#### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER 12.03 FT  
 WELL DEPTH 20.0 FT  
 WELL DIAMETER 2.0 IN  
 SCREEN LENGTH 10.0 FT  
 TOTAL VOL. PURGED          GAL

#### MEASUREMENT POINT

TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER

MEASUREMENT POINT ELEVATION 585.938 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 3.5 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION         

#### NAPL REMOVAL METHOD

BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O <sub>2</sub> (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

#### 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	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

#### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED         

#### COMMENTS

Depth to water measurement only

#### 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: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA.E\_MW-E03\_0914

WELL ID: MW-E03

SAMPLE EVENT: AREA.E\_3Q2014

SAMPLE DATE: 9/9/2014

TIME: START 9:45 AM END 10:30 AM

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

## WATER LEVEL / PUMP SETTINGS

### MEASUREMENT POINT

### NAPL REMOVAL METHOD

STATIC DEPTH TO WATER: 11.90 FT  
 WELL DEPTH: 13.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 10.0 FT  
 TOTAL VOL. PURGED: 0.296 GAL

TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 588.457 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 0.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 10:15 AM

BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:52		12.72	160	19.03	1.090	6.99	6.95	2.10	126.0	
9:54	0.085	12.82	160	18.78	1.100	6.97	6.97	2.20	118.0	
9:57	0.127	12.93	160	18.54	1.110	6.97	4.00	2.30	113.0	
9:59	0.085	12.93	160	18.09	1.130	6.96	3.61	2.20	107.0	

## EQUIPMENT DOCUMENTATION

### TYPE OF PUMP

### TYPE OF TUBING

### TYPE OF WATER QUALITY METER

### TYPE OF WATER LEVEL DEVICE

WAILER  
 SIMCO BLADDER  
 GEOPUMP PERISTALTIC PUMP

SILICONE  
 HIGH DENSITY POLYETHYLENE  
 OTHER

YSI 556 MPS W/ FLOW CELL  
 HORIBA U-50 W/ FLOW CELL  
 OTHER

GEOTECH INTERFACE METER  
 SOLINST WATER METER  
 OTHER

## ANALYTICAL PARAMETERS

To Be Collected

STANDARD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
					TO BE COLLECTED
STANDARD	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
					<input type="checkbox"/> SVOC
					<input type="checkbox"/> TAL INORGANICS
					<input type="checkbox"/> TAL INORGANICS (FILTERED)

## PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.296

## 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: Buffalo Color Corporation  
 WELL ID: MW-E04A  
 TIME: START 3:00 PM END 3:35 PM

SAMPLE ID: BCC\_AREA\_E\_MW-E04A\_0914  
 SAMPLE EVENT: AREA\_E\_3Q2014  
 JOB NUMBER: 09130MM

SAMPLE DATE: 9/8/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 7.00 FT  
 WELL DEPTH: 11.5 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 10.0 FT  
 TOTAL VOL. PURGED: 0.349 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 588.686 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.25 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 3:30 PM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
15:10		7.82	165	17.78	0.946	6.97	0.66	4.40	1.0	
15:12	0.087	7.91	165	17.17	0.959	6.96		5.20	-30.0	
15:14	0.087	8.02	165	17.14	0.957	6.95		4.90	-29.0	
15:16	0.087	8.11	165	17.32	0.952	6.93		5.90	-25.0	
15:18	0.087	8.19	165	17.02	0.968	6.94		3.80	-38.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.349

**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 Buffalo Color Corporation

SAMPLE ID BCC\_AREA.E\_MW-E05\_0914

WELL ID MW-E05

SAMPLE EVENT AREA.E\_3Q2014

SAMPLE DATE 9/9/2014

TIME START 1:25 PM END 2:10 PM

JOB NUMBER 09130MM

SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER 6.48 FT  
 WELL DEPTH 13.0 FT  
 WELL DIAMETER 2.0 IN  
 SCREEN LENGTH 10.0 FT  
 TOTAL VOL. PURGED 0.436 GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

MEASUREMENT POINT ELEVATION 586.679 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.5 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION 2:00 PM

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:33		5.75	165	26.18	1.200	6.82	5.43	18.20	131.0	
13:35	0.087	5.75	165	25.97	1.210	6.74	4.10	19.00	144.0	
13:37	0.087	5.76	165	25.23	1.220	6.70	3.51	16.40	153.0	
13:39	0.087	5.78	165	24.59	1.240	6.69	3.34	14.80	158.0	
13:43	0.174	5.79	165	23.76	1.260	6.61	3.29	14.00	161.0	

**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

STANDARD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
<input checked="" type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
<input checked="" type="checkbox"/>	SVOC CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
<input checked="" type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.436

**COMMENTS**

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT  SAMPLE ID  ONTARIO SPECIALTY CONTRACTING, INC.  
 WELL ID  SAMPLE EVENT  SAMPLE DATE   
 TIME START  END  JOB NUMBER  SAMPLER

**WATER LEVEL / PUMP SETTINGS**

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 MEASUREMENT POINT ELEVATION  FASL  
 WELL DIAMETER  IN  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL  IN  
 SCREEN LENGTH  FT  
 DEPTH TO NAPL NON DETECT (ND)  FT  
 TOTAL VOL. PURGED  GAL  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION  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
14:26		4.71	160	24.76	1.990	6.38	7.54	3.50	-72.0	
14:28	0.085	4.73	160	24.05	2.030	6.34	5.41	3.10	-71.0	
14:30	0.085	4.74	160	23.62	2.050	6.32	4.82	2.70	-71.0	
14:33	0.127	4.74	160	23.20	2.060	6.30	4.39	2.10	-68.0	
14:35	0.085	4.75	160	22.85	2.060	6.29	4.13	2.30	-68.0	

**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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**COMMENTS**

# FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT

SAMPLE ID

WELL ID

SAMPLE EVENT

SAMPLE DATE

TIME START  END

JOB NUMBER

SAMPLER

### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
8:50		5.31	150	19.01	1.070	5.93	1.99	0.80	-9.0	
8:52	0.079	5.31	150	19.03	1.070	5.92	0.97	0.90	-13.0	
8:54	0.079	5.36	150	18.89	1.070	5.90	0.37	0.50	-15.0	
8:57	0.119	5.40	150	18.85	1.070	5.90	0.09	0.20	-15.0	

### EQUIPMENT DOCUMENTATION

TYPE OF PUMP <input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	TYPE OF TUBING <input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER _____	TYPE OF WATER QUALITY METER <input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER _____	TYPE OF WATER LEVEL DEVICE <input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER _____
---	---	--	---

### ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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: Buffalo Color Corporation  
 WELL ID: MW-E08  
 TIME: START \_\_\_\_\_ END \_\_\_\_\_

SAMPLE ID: BCC\_AREA.E\_MW-E08\_0814  
 SAMPLE EVENT: AREA.E\_3Q2014  
 JOB NUMBER: 09130MM

SAMPLE DATE: 8/21/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 10.63 FT  
 WELL DEPTH: 13.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 10.0 FT  
 TOTAL VOL. PURGED: \_\_\_\_\_ GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION: 585.903 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: \_\_\_\_\_

NAPL REMOVAL METHOD:  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

**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	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: \_\_\_\_\_

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT:  SAMPLE ID:   
 WELL ID:  SAMPLE EVENT:   
 TIME:   JOB NUMBER:  SAMPLER:   
 SAMPLE DATE:   
 ONTARIO SPECIALTY CONTRACTING, INC.

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER:  FT  
 WELL DEPTH:  FT  
 WELL DIAMETER:  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:  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION:

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

**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	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED:

**COMMENTS**

NAPL WELL MEASUREMENT

**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

SAMPLE ID

WELL ID

SAMPLE EVENT

SAMPLE DATE

TIME

JOB NUMBER

SAMPLER

**WATER LEVEL / PUMP SETTINGS**

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  IN  
 SCREEN LENGTH  FT  
 TOTAL VOL. PURGED  GAL

MEASUREMENT POINT ELEVATION  FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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

**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	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
 NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_



**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA\_E\_R-10\_0914

WELL ID: R-10

SAMPLE EVENT: AREA\_E\_3Q2014

SAMPLE DATE: 9/8/2014

TIME: START 2:05 PM END 2:50 PM

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

STATIC DEPTH TO WATER: 7.68 FT

WELL DEPTH: 18.0 FT

MEASUREMENT POINT ELEVATION: 588.784 FASL

WELL DIAMETER: 3.0 IN

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1 IN

DEPTH TO NAPL NON DETECT (ND): ND FT

SCREEN LENGTH: Unknown FT

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO

NAPL VOL. REMOVED: \_\_\_\_\_ GAL

TOTAL VOL. PURGED: 0.610 GAL

TIME OF SAMPLE COLLECTION: 2:30 PM

**PURGE DATA**

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:14		8.63	165	21.30	1.030	8.09	7.21		-189.0	
14:16	0.087	8.78	165	18.69	1.060	8.05	6.89		-216.0	
14:20	0.174	8.71	165	22.87	0.980	7.87	0.29		-194.0	
14:22	0.087	8.85	165	20.88	1.020	7.90	0.09		-232.0	
14:24	0.087	8.91	165	19.86	1.040	7.87			-233.0	
14:26	0.087	8.98	165	18.78	1.070	7.81	1.10		-232.0	
14:28	0.087	9.04	165	18.37	1.090	7.84			-230.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO

NUMBER OF GALLONS GENERATED: 0.610

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT Buffalo Color Corporation

WELL ID R-11

TIME START 11:10 AM END 12:30 PM

SAMPLE ID BCC\_AREA\_E\_R-11\_0914

SAMPLE EVENT AREA\_E\_3Q2014

JOB NUMBER 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/9/2014

SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER 6.50 FT

WELL DEPTH 17.3 FT

WELL DIAMETER 3.0 IN

SCREEN LENGTH Unknown FT

TOTAL VOL. PURGED 0.369 GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER

MEASUREMENT POINT ELEVATION 586.356 FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.25 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION 12:00 PM

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:45		8.20	155	22.36	0.573	8.22	1.02		-141.0	( stop&clean unit )
11:47	0.082	8.38	155	21.57	0.518	8.24	0.96		-185.0	
11:50	0.123	8.55	155	20.76	0.507	8.24	0.92		-195.0	
11:52	0.082	8.74	155	20.56	0.498	8.25	0.89		-202.0	
11:54	0.082	8.92	155	19.95	0.499	8.24	0.92		-202.0	

**EQUIPMENT DOCUMENTATION**

TYPE OF PUMP <input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	TYPE OF TUBING <input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER	TYPE OF WATER QUALITY METER <input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER	TYPE OF WATER LEVEL DEVICE <input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER
---	---	--	---

**ANALYTICAL PARAMETERS**

To Be Collected	STANDARD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
					REQUIRED	COLLECTED
	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/>	VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/>	SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/>	TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/>	TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>	VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>	SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>	VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>	SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>	VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>	SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>	VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>	SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>	TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.369

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT

WELL ID

TIME START  END

SAMPLE ID

SAMPLE EVENT

JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE

SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT

WELL DEPTH  FT

WELL DIAMETER  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  IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION

**NAPL REMOVAL METHOD**

BAILER

PERISTALTIC PUMP

ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)  FT

NAPL VOL. REMOVED  GAL

PURGE DATA		SPECIFIC								
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:30		8.23	165	17.39	1.060	7.01	0.90		190.0	
13:32	0.087	8.46	165	16.42	1.090	7.01	0.44		185.0	
13:34	0.087	8.64	165	16.32	1.080	7.01	0.19		181.0	
13:36	0.087	8.89	165	16.20	1.070	7.01			178.0	

**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	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
DUPLICATE	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT: Buffalo Color Corporation  
 WELL ID: RFI-29  
 TIME: START 12:30 PM END 1:15 PM

SAMPLE ID: BCC\_AREA.E\_RFI-29\_0914  
 SAMPLE EVENT: AREA.E\_3Q2014  
 JOB NUMBER: 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE: 9/9/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 6.47 FT  
 WELL DEPTH: 14.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.296 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 585.691 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 4 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 1:10 PM

NAPL REMOVAL METHOD:  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
12:42		6.39	160	21.93	1.130	7.77	2.69	6.60	-179.0	
12:45	0.127	6.44	160	20.93	1.050	7.75	1.26	2.60	-224.0	
12:47	0.085	6.45	160	20.69	1.030	7.77	1.06	1.20	-240.0	
12:49	0.085	6.45	160	21.24	1.010	7.78	0.82	1.00	-250.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MS	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS	
<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.296

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

### FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT Buffalo Color Corporation

SAMPLE ID BCC\_AREA.E\_RFI-32A\_0914

WELL ID RFI-32A

SAMPLE EVENT AREA.E\_3Q2014

SAMPLE DATE 9/9/2014

TIME START 8:45 AM END 9:40 AM

JOB NUMBER 09130MM

SAMPLER Tom Wagner (TW)

#### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER 7.58 FT

WELL DEPTH 13.0 FT

WELL DIAMETER 2.0 IN

SCREEN LENGTH 5.0 FT

TOTAL VOL. PURGED 0.287 GAL

- MEASUREMENT POINT
- TOP OF WELL RISER
  - TOP OF PROTECTIVE CASING
  - OTHER \_\_\_\_\_

MEASUREMENT POINT ELEVATION 587.749 FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.5 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION 9:30 AM

#### NAPL REMOVAL METHOD

- BAILER
- 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:10		9.40	155	16.42	2.600	6.60	3.23	1.00	-73.0	
9:12	0.082	9.73	155	16.61	2.580	6.59	1.51	1.40	-76.0	
9:14	0.082	10.04	155	16.66	2.570	6.59	0.80	1.20	-76.0	
9:17	0.123	10.52	155	16.52	2.570	6.59	0.23	1.30	-75.0	

#### EQUIPMENT DOCUMENTATION

- |   |   |  |   |
|---|---|--|---|
| <p>TYPE OF PUMP</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> WAILER</li> <li><input type="checkbox"/> SIMCO BLADDER</li> <li><input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP</li> </ul> | <p>TYPE OF TUBING</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> SILICONE</li> <li><input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE</li> <li><input type="checkbox"/> OTHER</li> </ul> | <p>TYPE OF WATER QUALITY METER</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL</li> <li><input type="checkbox"/> HORIBA U-50 W/ FLOW CELL</li> <li><input type="checkbox"/> OTHER</li> </ul> | <p>TYPE OF WATER LEVEL DEVICE</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> GEOTECH INTERFACE METER</li> <li><input type="checkbox"/> SOLINST WATER METER</li> <li><input type="checkbox"/> OTHER</li> </ul> |
|---|---|--|---|

#### ANALYTICAL PARAMETERS

	To Be Collected	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
					REQUIRED	COLLECTED
STANDARD	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/>	VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/>	SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/>	TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

#### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.287

#### COMMENTS

NAPL WELL MEASUREMENT

#### NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

# FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA.E\_RFI-33\_0914

WELL ID: RFI-33

SAMPLE EVENT: AREA.E\_3Q2014

SAMPLE DATE: 9/8/2014

TIME: START 11:25 AM END 1:10 PM

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 2.25 FT  
 WELL DEPTH: 12.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.380 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 583.17 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 5.5 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 12:00 PM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:45		3.30	160	19.97	2.490	7.01	1.36	7.20	-86.0	D, MS, MSD
11:47	0.085	3.70	160	20.30	2.300	7.05	0.80	19.20	-83.0	
11:49	0.085	4.07	160	20.21	2.150	7.08	0.55	24.80	-91.0	
11:51	0.085	4.40	160	20.43	1.970	7.13	0.46	22.80	-89.0	
11:54	0.127	4.79	160	20.31	1.840	7.17	0.46	19.50	-86.0	

### 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	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.380

### COMMENTS

NAPL WELL MEASUREMENT

### NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.E_RFI-51_0914	SAMPLE DATE	9/10/2014
WELL ID	RFI-51	SAMPLE EVENT	AREA.E_3Q2014	SAMPLER	Tom Wagner (TW)
TIME	START 9:30 AM END 10:10 AM	JOB NUMBER	09130MM		

<b>WATER LEVEL / PUMP SETTINGS</b>		<b>MEASUREMENT POINT</b>		<b>NAPL REMOVAL METHOD</b>	
STATIC DEPTH TO WATER	5.46 FT	<input checked="" type="checkbox"/> TOP OF WELL RISER		<input type="checkbox"/> BAILER	
WELL DEPTH	14.0 FT	<input type="checkbox"/> TOP OF PROTECTIVE CASING		<input type="checkbox"/> PERISTALTIC PUMP	
WELL DIAMETER	2.0 IN	<input type="checkbox"/> OTHER		<input type="checkbox"/> ABSORBENT SOCK	
SCREEN LENGTH	5.0 FT	MEASUREMENT POINT ELEVATION	586.956 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
TOTAL VOL. PURGED	0.246 GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.78 IN	NAPL VOL. REMOVED	GAL
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
		TIME OF SAMPLE COLLECTION	9:50 AM		

PURGE DATA		SPECIFIC								
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:40		6.45	155	17.74	4.010	7.07	1.16	1.10	-119.0	
9:42	0.082	6.66	155	17.39	4.000	7.08	0.17	2.30	-127.0	
9:44	0.082	6.91	155	17.35	3.930	7.09		1.50	-130.0	
9:46	0.082	7.09	155	17.34	3.840	7.09		0.80	-131.0	

<b>EQUIPMENT DOCUMENTATION</b>	<b>TYPE OF PUMP</b>	<b>TYPE OF TUBING</b>	<b>TYPE OF WATER QUALITY METER</b>	<b>TYPE OF WATER LEVEL DEVICE</b>
	<input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER

ANALYTICAL PARAMETERS		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NUMBER OF GALLONS GENERATED	0.246
---------------------------	---	-----------------------------	-------

**COMMENTS**

NAPL WELL MEASUREMENT

**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

SAMPLE ID

WELL ID

SAMPLE EVENT

SAMPLE DATE

TIME START  END

JOB NUMBER

SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
11:00		13.51	160	19.97	1.440	6.86	2.50	15.20	-30.0	
11:02	0.085	13.50	160	19.74	1.440	6.85	1.37	10.40	-37.0	
11:04	0.085	13.50	160	19.62	1.450	6.86	0.58	6.80	-44.0	
11:06	0.085	13.51	160	19.55	1.450	6.87	0.19	4.30	-53.0	
11:08	0.085	13.51	160	19.51	1.440	6.87		3.50	-56.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
 NAPL WELL MEASUREMENT

**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   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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

**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	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
 NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required  
  
 SIGNATURE: \_\_\_\_\_

# FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT: Buffalo Color Corporation  
 WELL ID: ICM-PZ-02S  
 TIME: START \_\_\_\_\_ END \_\_\_\_\_

SAMPLE ID: BCC\_AREA\_E\_ICM-PZ-02S\_1014  
 SAMPLE EVENT: AREA\_E\_4Q2014  
 JOB NUMBER: 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE: 10/28/2014  
 SAMPLER: Tom Wagner (TW)

### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 10.82 FT  
 WELL DEPTH: 20.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 10.0 FT  
 TOTAL VOL. PURGED: \_\_\_\_\_ GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

MEASUREMENT POINT ELEVATION: 585.858 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: \_\_\_\_\_

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

### 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
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
<input type="checkbox"/>	VOC 8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/>
<input type="checkbox"/>	SVOC CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>
<input type="checkbox"/>	TAL INORGANICS CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/>

### 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

SIGNATURE: *Thomas B. Wagner*

COMMENTS: NAPL WELL MEASUREMENT

# FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT

WELL ID

TIME START  END

SAMPLE ID

SAMPLE EVENT

JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE

SAMPLER

### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER  FT

WELL DEPTH  FT

WELL DIAMETER  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  IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION

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

### 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	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)	

### PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

### COMMENTS

NAPL WELL MEASUREMENT

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: Buffalo Color Corporation; SAMPLE ID: BCC\_AREA.E\_MW-E03\_1114; WELL ID: MW-E03; SAMPLE EVENT: AREA.E\_4Q2014; SAMPLE DATE: 11/10/2014; TIME: START 10:30 AM, END 11:15 AM; JOB NUMBER: 09130MM; SAMPLER: Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS; MEASUREMENT POINT: [X] TOP OF WELL RISER; NAPL REMOVAL METHOD: [ ] BAILER, [ ] PERISTALTIC PUMP, [ ] ABSORBENT SOCK; STATIC DEPTH TO WATER: 11.36 FT; WELL DEPTH: 13.0 FT; WELL DIAMETER: 2.0 IN; SCREEN LENGTH: 10.0 FT; TOTAL VOL. PURGED: 0.287 GAL; MEASUREMENT POINT ELEVATION: 588.457 FASL; WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 0.75 IN; WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [X] NO [ ]; TIME OF SAMPLE COLLECTION: 10:50 AM

PURGE DATA table with columns: TIME, VOL. (gal), DEPTH TO WATER (ft), PURGE RATE (ml/m), TEMP. (deg. C), CONDUCTANCE (ms/cm), pH (units), DISS O2. (mg/L), TURBIDITY (ntu), REDOX (ORP), COMMENTS

EQUIPMENT DOCUMENTATION; TYPE OF PUMP: [X] GEOPUMP PERISTALTIC PUMP; TYPE OF TUBING: [X] SILICONE, [X] HIGH DENSITY POLYETHYLENE; TYPE OF WATER QUALITY METER: [X] YSI 556 MPS W/ FLOW CELL; TYPE OF WATER LEVEL DEVICE: [X] GEOTECH INTERFACE METER

ANALYTICAL PARAMETERS table with columns: To Be Collected, METHOD NUMBER, PRESERVATION METHOD, VOLUME REQUIRED, SAMPLE COLLECTED

PURGE OBSERVATIONS; PURGE WATER CONTAINERIZED: YES [X] NO [ ]; NUMBER OF GALLONS GENERATED: 0.287; COMMENTS: NAPL WELL MEASUREMENT

NOTES: All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required; SIGNATURE: Thomas B. Wagner

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT Buffalo Color Corporation  
 WELL ID MW-E04A  
 TIME START 2:45 PM END 3:30 PM

SAMPLE ID BCC\_AREA\_E\_MW-E04A\_1114  
 SAMPLE EVENT AREA\_E\_4Q2014  
 JOB NUMBER 09130MM

SAMPLE DATE 11/10/2014  
 SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER 4.63 FT  
 WELL DEPTH 11.5 FT  
 WELL DIAMETER 2.0 IN  
 SCREEN LENGTH 10.0 FT  
 TOTAL VOL. PURGED 0.465 GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION 588.686 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.38 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION 3:15 PM

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:55		5.56	160	16.68	0.954	6.87	0.61	0.50	84.0	
14:57	0.085	5.63	160	16.74	0.952	6.86	0.81	3.70	76.0	
14:59	0.085	5.71	160	16.71	0.953	6.86	0.49	1.20	67.0	
15:06	0.296	5.79	160	16.66	0.955	6.85		0.90	59.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.465

COMMENTS  
 NAPL WELL MEASUREMENT

**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   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
15:17		5.35	155	19.11	1.100	6.66	0.25	8.60	123.0	
15:19	0.082	5.35	155	18.84	1.110	6.66	0.02	8.80	119.0	
15:21	0.082	5.35	155	18.41	1.120	6.66		7.60	116.0	
15:23	0.082	5.35	155	18.18	1.130	6.65		6.70	114.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MSD	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

COMMENTS  
 NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: \_\_\_\_\_

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT: Buffalo Color Corporation  
 WELL ID: MW-E06  
 TIME: START 11:20 AM END 12:20 PM

SAMPLE ID: BCC\_AREA.E\_MW-E06\_1114  
 SAMPLE EVENT: AREA.E\_4Q2014  
 JOB NUMBER: 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE: 11/11/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 4.13 FT  
 WELL DEPTH: 13.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 10.0 FT  
 TOTAL VOL. PURGED: 0.828 GAL

**MEASUREMENT POINT**  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER

MEASUREMENT POINT ELEVATION: 586.947 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.5 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 12:00 PM

**NAPL REMOVAL METHOD**  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:30		4.63	165	15.67	2.100	6.20	1.11	31.20	-33.0	Clayish color particles
11:32	0.087	4.66	165	15.66	2.090	6.18	0.58	32.30	-36.0	
11:34	0.087	4.69	165	15.69	2.060	6.15	0.19	33.30	-35.0	
11:36	0.087	4.72	165	15.69	2.030	6.13		34.80	-33.0	
11:38	0.087	4.77	165	15.67	1.990	6.09		38.20	-29.0	
11:45	0.305	4.81	165	15.40	1.780	6.05		64.00	-18.0	
11:47	0.087	4.82	165	15.29	1.720	5.99		53.90	-10.0	
11:49	0.087	4.82	165	15.31	1.700	5.97		48.70	-7.0	

**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	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.828

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

# FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT:       SAMPLE ID:   
 WELL ID:       SAMPLE EVENT:   
 TIME: START  END       JOB NUMBER:       SAMPLER:

ONTARIO SPECIALTY CONTRACTING, INC.      SAMPLE DATE:

<b>WATER LEVEL / PUMP SETTINGS</b>		<b>MEASUREMENT POINT</b>		<b>NAPL REMOVAL METHOD</b>	
STATIC DEPTH TO WATER	<input type="text" value="4.08"/> FT	<input checked="" type="checkbox"/> TOP OF WELL RISER		<input type="checkbox"/> BAILER	
WELL DEPTH	<input type="text" value="14.0"/> FT	<input type="checkbox"/> TOP OF PROTECTIVE CASING		<input type="checkbox"/> PERISTALTIC PUMP	
WELL DIAMETER	<input type="text" value="2.0"/> IN	<input type="checkbox"/> OTHER _____		<input type="checkbox"/> ABSORBENT SOCK	
SCREEN LENGTH	<input type="text" value="10.0"/> FT	MEASUREMENT POINT ELEVATION	<input type="text" value="587.05"/> FASL	DEPTH TO NAPL NON DETECT (ND)	<input type="text" value="ND"/> FT
TOTAL VOL. PURGED	<input type="text" value="0.254"/> GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	<input type="text" value="2.18"/> IN	NAPL VOL. REMOVED	<input type="text" value=""/> GAL
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
		TIME OF SAMPLE COLLECTION	<input type="text" value="12:50 PM"/>		

PURGE DATA		SPECIFIC								
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
12:40		4.85	160	16.79	1.080	5.59	0.64	9.40	47.0	
12:42	0.085	4.87	160	16.85	1.080	5.59	0.23	8.50	49.0	
12:44	0.085	4.90	160	17.17	1.070	5.58		9.00	50.0	
12:46	0.085	4.90	160	17.10	1.070	5.59		9.70	49.0	

<b>EQUIPMENT DOCUMENTATION</b>	<b>TYPE OF PUMP</b>	<b>TYPE OF TUBING</b>	<b>TYPE OF WATER QUALITY METER</b>	<b>TYPE OF WATER LEVEL DEVICE</b>
	<input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER

ANALYTICAL PARAMETERS		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO       NUMBER OF GALLONS GENERATED:

**COMMENTS**

NAPL WELL MEASUREMENT

**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: Buffalo Color Corporation  
 WELL ID: MW-E08  
 TIME: START \_\_\_\_\_ END \_\_\_\_\_

SAMPLE ID: BCC\_AREA.E\_MW-E08\_1014  
 SAMPLE EVENT: AREA.E\_4Q2014  
 JOB NUMBER: 09130MM

SAMPLE DATE: 10/28/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 5.96 FT  
 WELL DEPTH: 13.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 10.0 FT  
 TOTAL VOL. PURGED: \_\_\_\_\_ GAL

**MEASUREMENT POINT**  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

MEASUREMENT POINT ELEVATION: 585.903 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 3.78 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: \_\_\_\_\_

**NAPL REMOVAL METHOD**  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

**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	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MSD	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: \_\_\_\_\_

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

COMMENTS

NAPL WELL MEASUREMENT

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT  SAMPLE ID  ONTARIO SPECIALTY CONTRACTING, INC.  
WELL ID  SAMPLE EVENT  SAMPLE DATE   
TIME   JOB NUMBER  SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER:  FT

WELL DEPTH:  FT

WELL DIAMETER:  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:  IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO

TIME OF SAMPLE COLLECTION:

**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

**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	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO

NUMBER OF GALLONS GENERATED:

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

Additional notes or observations in the COMMENTS section.

# FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT: Buffalo Color Corporation

SAMPLE ID: BCC\_AREA.E\_MW-E10\_1014

WELL ID: MW-E10

SAMPLE EVENT: AREA.E\_4Q2014

SAMPLE DATE: 10/28/2014

TIME: START \_\_\_\_\_ END \_\_\_\_\_

JOB NUMBER: 09130MM

SAMPLER: Tom Wagner (TW)

### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 9.85 FT  
 WELL DEPTH: 13.5 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 9.9 FT  
 TOTAL VOL. PURGED: \_\_\_\_\_ GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION: 586.34 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.75 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: \_\_\_\_\_

NAPL REMOVAL METHOD:  BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK  
 DEPTH TO NAPL NON DETECT (ND): 9.82 FT  
 NAPL VOL. REMOVED: 0.09 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

### 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	<input type="checkbox"/> VOC
	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

### COMMENTS

NAPL WELL MEASUREMENT

# FIELD DATA RECORD - GROUNDWATER SAMPLING



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

### WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
13:40		7.83	160	15.42	1.570	7.81	2.44		-207.0	
13:43	0.127	7.88	160	15.18	1.580	7.81	1.98		-210.0	
13:45	0.085	7.91	160	15.01	1.580	7.82	1.54		-211.0	
13:47	0.085	7.98	160	14.91	1.590	7.79	1.28		-212.0	

### 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	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> VOC	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> SVOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> TAL INORGANICS	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> TAL INORGANICS	CLP HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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**



PROJECT

WELL ID

TIME START  END

SAMPLE ID

SAMPLE EVENT

JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE

SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT

WELL DEPTH  FT

WELL DIAMETER  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  IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO

TIME OF SAMPLE COLLECTION

**NAPL REMOVAL METHOD**

BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)  FT

NAPL VOL. REMOVED  GAL

PURGE DATA		SPECIFIC									COMMENTS
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)		
11:40		6.98	155	16.12	0.626	7.93	1.44	16.80	11.0	D, MS, MSD	
11:42	0.082	7.09	155	16.16	0.628	7.95	0.85	16.80	-6.0		
11:44	0.082	7.24	155	16.17	0.628	7.95	0.56	17.10	-15.0		
11:46	0.082	7.38	155	16.16	0.629	7.95	0.36	18.40	-22.0		
11:48	0.082	7.50	155	16.18	0.629	7.95	0.22	19.10	-28.0		

**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	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO

NUMBER OF GALLONS GENERATED

**COMMENTS**

D, MS, MSD

**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   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

## WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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
8:20		7.52	155	17.99	1.070	6.89	1.84		81.0	
8:22	0.082	7.65	155	17.93	1.080	6.89	1.21		75.0	
8:24	0.082	7.73	155	17.90	1.080	6.89	0.97		73.0	
8:27	0.123	7.82	155	17.87	1.080	6.89	0.82		71.0	

## 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	<input checked="" type="checkbox"/> VOC	8260B HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP 4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/> VOC	8260B HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/> SVOC	CLP 4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/> TAL INORGANICS	CLP HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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 Buffalo Color Corporation  
 WELL ID RFI-29  
 TIME START 10:20 AM END 11:05 AM

SAMPLE ID BCC\_AREA.E\_RFI-29\_1114  
 SAMPLE EVENT AREA.E\_4Q2014  
 JOB NUMBER 09130MM

SAMPLE DATE 11/11/2014  
 SAMPLER Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER 4.62 FT  
 WELL DEPTH 14.0 FT  
 WELL DIAMETER 2.0 IN  
 SCREEN LENGTH 5.0 FT  
 TOTAL VOL. PURGED 0.254 GAL

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION 585.691 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 4.38 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION 10:45 AM

NAPL REMOVAL METHOD  
 BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:30		6.32	160	14.54	0.978	7.92	0.09		-134.0	
10:32	0.085	6.35	160	14.79	0.973	7.95			-142.0	
10:34	0.085	6.39	160	14.90	0.978	7.95			-144.0	
10:36	0.085	6.40	160	15.02	0.986	7.95			-140.0	

**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	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE		TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
		SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS		TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
		SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD		TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
		SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED 0.254

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**COMMENTS**

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT: Buffalo Color Corporation  
 WELL ID: RFI-32A  
 TIME: START 9:30 AM END 10:20 AM

SAMPLE ID: BCC\_AREA.E\_RFI-32A\_1114  
 SAMPLE EVENT: AREA.E\_4Q2014  
 JOB NUMBER: 09130MM

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE: 11/10/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 5.68 FT  
 WELL DEPTH: 13.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 0.338 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_  
 MEASUREMENT POINT ELEVATION: 587.749 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.5 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 9:50 AM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:35		8.07	160	14.80	2.600	6.59	3.64	7.70	-63.0	
9:37	0.085	8.38	160	15.14	2.580	6.58	2.57	19.20	-72.0	
9:39	0.085	8.81	160	15.35	2.550	6.56	1.73	13.90	-75.0	
9:41	0.085	8.94	160	15.24	2.540	6.59	1.40	13.60	-76.0	
9:43	0.085	9.29	160	15.21	2.530	6.60	1.20	13.90	-75.0	

**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	<input checked="" type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC	
<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC	
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS	
<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)	

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 0.338

**COMMENTS**

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_



**FIELD DATA RECORD - GROUNDWATER SAMPLING**



ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT: Buffalo Color Corporation  
 WELL ID: RFI-33  
 TIME: START 9:10 AM END 10:00 AM

SAMPLE ID: BCC\_AREA.E\_RFI-33\_1114  
 SAMPLE EVENT: AREA.E\_4Q2014  
 JOB NUMBER: 09130MM

SAMPLE DATE: 11/11/2014  
 SAMPLER: Tom Wagner (TW)

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER: 1.40 FT  
 WELL DEPTH: 12.0 FT  
 WELL DIAMETER: 2.0 IN  
 SCREEN LENGTH: 5.0 FT  
 TOTAL VOL. PURGED: 1.003 GAL

MEASUREMENT POINT:  TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER  
 MEASUREMENT POINT ELEVATION: 583.17 FASL  
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 5.5 IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES  NO   
 TIME OF SAMPLE COLLECTION: 9:40 AM

NAPL REMOVAL METHOD:  BAILER  
 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)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:10		3.40	165	13.00	2.160	7.03	0.92	18.10	134.0	
9:23	0.567	3.69	165	13.34	1.970	7.06	0.94	19.00	114.0	
9:25	0.087	3.91	165	13.46	1.790	7.10	1.40	18.00	104.0	
9:27	0.087	4.18	165	13.57	1.670	7.12	1.79	18.40	96.0	
9:29	0.087	4.50	165	13.60	1.370	7.20	2.77	12.60	88.0	
9:31	0.087	4.84	165	13.59	1.460	7.21	3.09	13.10	83.0	
9:33	0.087	5.03	165	13.70	1.360	7.19	3.02	12.50	79.0	

**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	<input checked="" type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MS	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED: YES  NO  NUMBER OF GALLONS GENERATED: 1.003

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**COMMENTS**

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT   
 WELL ID   
 TIME START  END

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

ONTARIO SPECIALTY CONTRACTING, INC.  
 SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER    
 WELL DEPTH    
 WELL DIAMETER    
 SCREEN LENGTH    
 TOTAL VOL. PURGED

MEASUREMENT POINT  
 TOP OF WELL RISER  
 TOP OF PROTECTIVE CASING  
 OTHER \_\_\_\_\_

MEASUREMENT POINT ELEVATION    
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL    
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

NAPL REMOVAL METHOD  
 BAILER  
 PERISTALTIC PUMP  
 ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)    
 NAPL VOL. REMOVED

**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

**EQUIPMENT DOCUMENTATION**

<p>TYPE OF PUMP</p> <input type="checkbox"/> WAILER <input type="checkbox"/> SIMCO BLADDER <input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<p>TYPE OF TUBING</p> <input checked="" type="checkbox"/> SILICONE <input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE <input type="checkbox"/> OTHER	<p>TYPE OF WATER QUALITY METER</p> <input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL <input type="checkbox"/> HORIBA U-50 W/ FLOW CELL <input type="checkbox"/> OTHER	<p>TYPE OF WATER LEVEL DEVICE</p> <input checked="" type="checkbox"/> GEOTECH INTERFACE METER <input type="checkbox"/> SOLINST WATER METER <input type="checkbox"/> OTHER
---	---	--	---

**ANALYTICAL PARAMETERS**

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
DUPLICATE	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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: *Thomas B. Wagner*

**FIELD DATA RECORD - GROUNDWATER SAMPLING**



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA_E_RFI-PZ-16_1114	ONTARIO SPECIALTY CONTRACTING, INC.	
WELL ID	RFI-PZ-16	SAMPLE EVENT	AREA_E_4Q2014	SAMPLE DATE	11/11/2014
TIME	START 2:20 PM END 3:05 PM	JOB NUMBER	09130MM	SAMPLER	Tom Wagner (TW)

<b>WATER LEVEL / PUMP SETTINGS</b>		<b>MEASUREMENT POINT</b>		<b>NAPL REMOVAL METHOD</b>	
STATIC DEPTH TO WATER	11.75 FT	<input checked="" type="checkbox"/> TOP OF WELL RISER		<input type="checkbox"/> BAILER	
WELL DEPTH	14.0 FT	<input type="checkbox"/> TOP OF PROTECTIVE CASING		<input type="checkbox"/> PERISTALTIC PUMP	
WELL DIAMETER	2.0 IN	<input type="checkbox"/> OTHER		<input type="checkbox"/> ABSORBENT SOCK	
SCREEN LENGTH	5.0 FT	MEASUREMENT POINT ELEVATION	587.05 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
TOTAL VOL. PURGED	0.349 GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.5 IN	NAPL VOL. REMOVED	GAL
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
		TIME OF SAMPLE COLLECTION	2:40 PM		

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:27		10.02	165	17.37	1.290	6.85	1.13	14.30	27.0	
14:29	0.087	10.03	165	17.26	1.290	6.85	0.50	11.30	6.0	
14:31	0.087	10.02	165	17.32	1.290	6.85	0.22	9.00		
14:35	0.174	10.02	165	17.31	1.290	6.85		8.90	-9.0	

<b>EQUIPMENT DOCUMENTATION</b>	<b>TYPE OF PUMP</b>	<b>TYPE OF TUBING</b>	<b>TYPE OF WATER QUALITY METER</b>	<b>TYPE OF WATER LEVEL DEVICE</b>
<input type="checkbox"/> WAILER	<input checked="" type="checkbox"/> SILICONE	<input checked="" type="checkbox"/> YSI 556 MPS W/ FLOW CELL	<input checked="" type="checkbox"/> GEOTECH INTERFACE METER	
<input type="checkbox"/> SIMCO BLADDER	<input checked="" type="checkbox"/> HIGH DENSITY POLYETHYLENE	<input type="checkbox"/> HORIBA U-50 W/ FLOW CELL	<input type="checkbox"/> SOLINST WATER METER	
<input checked="" type="checkbox"/> GEOPUMP PERISTALTIC PUMP	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	


	To Be Collected	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	<input checked="" type="checkbox"/>	VOC	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>	SVOC	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
DUPLICATE	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<input type="checkbox"/>	VOC	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>	SVOC	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>	TAL INORGANICS	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> 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   
 TIME

SAMPLE ID   
 SAMPLE EVENT   
 JOB NUMBER

SAMPLE DATE   
 SAMPLER

**WATER LEVEL / PUMP SETTINGS**

STATIC DEPTH TO WATER  FT  
 WELL DEPTH  FT  
 WELL DIAMETER  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  IN  
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES  NO   
 TIME OF SAMPLE COLLECTION

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

**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	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
DUPLICATE	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MS	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
MSD	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
MSD	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	VOC	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
MSD	SVOC	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)

**PURGE OBSERVATIONS**

PURGE WATER CONTAINERIZED YES  NO  NUMBER OF GALLONS GENERATED

**COMMENTS**

NAPL WELL MEASUREMENT

**NOTES**

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

*Thomas B. Wagner*

SIGNATURE: \_\_\_\_\_

**ATTACHMENT G**

**SUPPLEMENTAL WELL RESTORATIONS & ORC PLACEMENT**

**FORMER BUFFALO COLOR  
AREAS C & E WELL REBUILDS &  
ORC BOREHOLES**



333 Ganson Street, Buffalo, NY 14203  
Phone (716) 856-3333 Fax (716) 842-1785

Project Name:	Buffalo Color	Project Number:	0913-R	Prepared by:	Andrew Madden
Client:	South Buffalo Development, LLC			Report Type:	Installation Report
Contractor:	Ontario Specialty Contracting (OSC)	OSC Supervisor:	Andrew Madden		

ID	ATTACHMENTS
	Portrait Photo Log
	Landscape Photo Log
	Figures
A	Excavation Work Plan
B	Monitoring Well Decommissioning and Installation Logs

DATE(S)	NARRATIVE
<b>ABSTRACT</b>	<p>In June of 2014, a post remedial investigation effort was conducted within the Areas C &amp; E sites, and was focused on evaluating conditions of elevated levels of volatile organic compounds (VOCs) at three distinct groundwater monitoring wells. Two monitoring wells were located in Area C (RFI-20 and RFI-31) and one was located in Area E (RFI-32). In June of 2014, exploratory test pit excavations (Test Pits) were conducted within Areas C &amp; E and in August of 2014, the three monitoring wells were replaced, in kind, alongside the select placement of an oxygen releasing reagent within the subsurface saturated zone.</p> <p>The effect of these measures will be tracked over future quarterly groundwater sampling events and reported within the following Periodic Review Report (PRR). The following narrative depicts the exploratory activities and remedial actions performed.</p>
<b>May 2<sup>nd</sup> 2014</b>	<p>In accordance with the Areas C &amp; E Site Management Plans (SMPs), an excavation work plan (referred to hereafter as the "work plan") was provided to the New York State Department of Environmental Conservation (NYSDEC) on May 2, 2014 by AMEC Environment and Infrastructure, Inc. (AMEC). The work plan outlined the means, methods and schedule of exploratory test pits to be conducted within the Area C site. The scope of this work plan was later expanded to the Area E site, to assess groundwater analytical results depicting elevated VOC levels from the RFI-32 monitoring well.</p>
<b>June 17<sup>th</sup> &amp; 18<sup>th</sup> 2014</b>	<p>The exploratory test pit excavations were conducted on the 17th and 18th of June, 2014; by OSC personnel under AMEC engineering oversight. In general, the exploratory test pits were to be advanced either to the first continuous saturated interval or to the excavator's limit; VOC headspace analysis along with physical observations of the soils would dictate the need to submit samples for laboratory analysis; a bio-enhancing agent, Oxygen Releasing Compound (ORC), would be placed within the lower saturated zone; excavations would be backfilled by replacing materials in the same order in which they were removed, before restoring the cover system as originally constructed.</p> <p>In Area C, old concrete foundations were prevalent and prohibited the majority of the test pits attempted. One Area C test pit, located just west of monitoring well RFI-20, was advanced to an approximate depth of seven feet below ground surface before ceasing due to encountering a buried utility pipe of unknown origin. The soils from this test pit consisted of a dark grey organic layer extending approximately three feet below the cover system demarcation fabric, and transitioned to a dense grey colored clay; that extended through the remaining depth. The clay layer appeared to smear against the excavation side walls, inhibiting groundwater from entering the excavation. Neither physical observations nor measured VOC headspace analysis of the excavated soils presented the need for additional laboratory analysis. Approximately 30 pounds of ORC tablets was placed at bottom of the excavation before backfilling removed soils and restoring the cover system.</p> <p>In Area E, one test pit was completed just north of the RFI-32 monitoring well. The geological stratigraphy was consistent with that of the Area C test pit, but the lack of encountered obstructions allowed the excavation to advance further within the clay layer; approximately twelve feet below ground surface. Neither physical observations nor measured VOC headspace analysis of the excavated soils, presented the need for additional laboratory analysis. Approximately 40 pounds of ORC tablets was placed at bottom of the excavation before backfilling removed soils and restoring the cover system.</p>

DATE(S)	NARRATIVE
INTERMEDIATE	<p>Following the subsurface exploratory investigation efforts, it was postulated that the possible adsorption and retention of VOC analytes within the monitoring well components may have occurred. The three monitoring wells of concern were originally installed in 1996, as part of a remedial investigation performed at the sites, and due to their prolonged exposure to pre-remedial site chemical constituents, may not have been providing unbiased groundwater samples. As a result, the decision was made, with NYSDEC consultation, to replace all three wells; in kind.</p> <p>A surplus of ORC was stored idle at the site; due to the limited number of test pits that were able to be advanced within the saturated layer. A procedure was developed, with NYSDEC consultation, to strategically place the remaining ORC within drilled uncased boreholes. This application would be performed concurrently during the monitoring well replacements.</p>
August 11 <sup>th</sup> & 12 <sup>th</sup> 2014	<p>The monitoring well replacement and ORC borehole activities were conducted on the 11th and 12th of August, 2014; by Earth Dimensions Inc. and OSC site support. Each existing monitoring well was properly decommissioned, via NYSDEC guidance document CP-43: Groundwater Monitoring Well Decommissioning Policy, and replacement monitoring wells were built to the same construction specifications as originally constructed in 1966, but were installed at an approximate five foot lateral offset, from their original locations. Twelve, six inch diameter ORC boreholes were installed at ten foot depths, and each one filled with approximately twenty pounds of ORC. Four ORC boreholes were installed for each replaced monitoring well, and located in an upgradient screening position; with respect to measured groundwater contours.</p>



PORTRAIT PHOTO LOG



Test Pit West of RFI-20



Concrete Foundation Refusal Near RFI-31



Concrete Foundation Refusal Near RFI-20



Restoration Near RFI-20



PORTRAIT PHOTO LOG



**Test Pit Near RFI-32**



**Replaced Well RFI-32A**

LANDSCAPE PHOTO LOG



Test Pit Attempt Near RFI-31



Test Pit Near RFI-20



Test Pit Near RFI-32



**LANDSCAPE PHOTO LOG**



**Cover System Fabric Replacement**



**Restoration Near RFI-32**



**Area E ORC Borehole Installation**

LANDSCAPE PHOTO LOG








Area C ORC Borehole Installation

## **FIGURES**

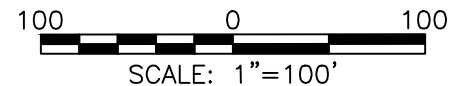


**LEGEND**

-  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)
-  Property Boundary

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\GW Monitoring - Qtrly Rpts\Area C 2013.dwg Tue, 11 Feb 2014 - 9:46am nancy.lagatuta



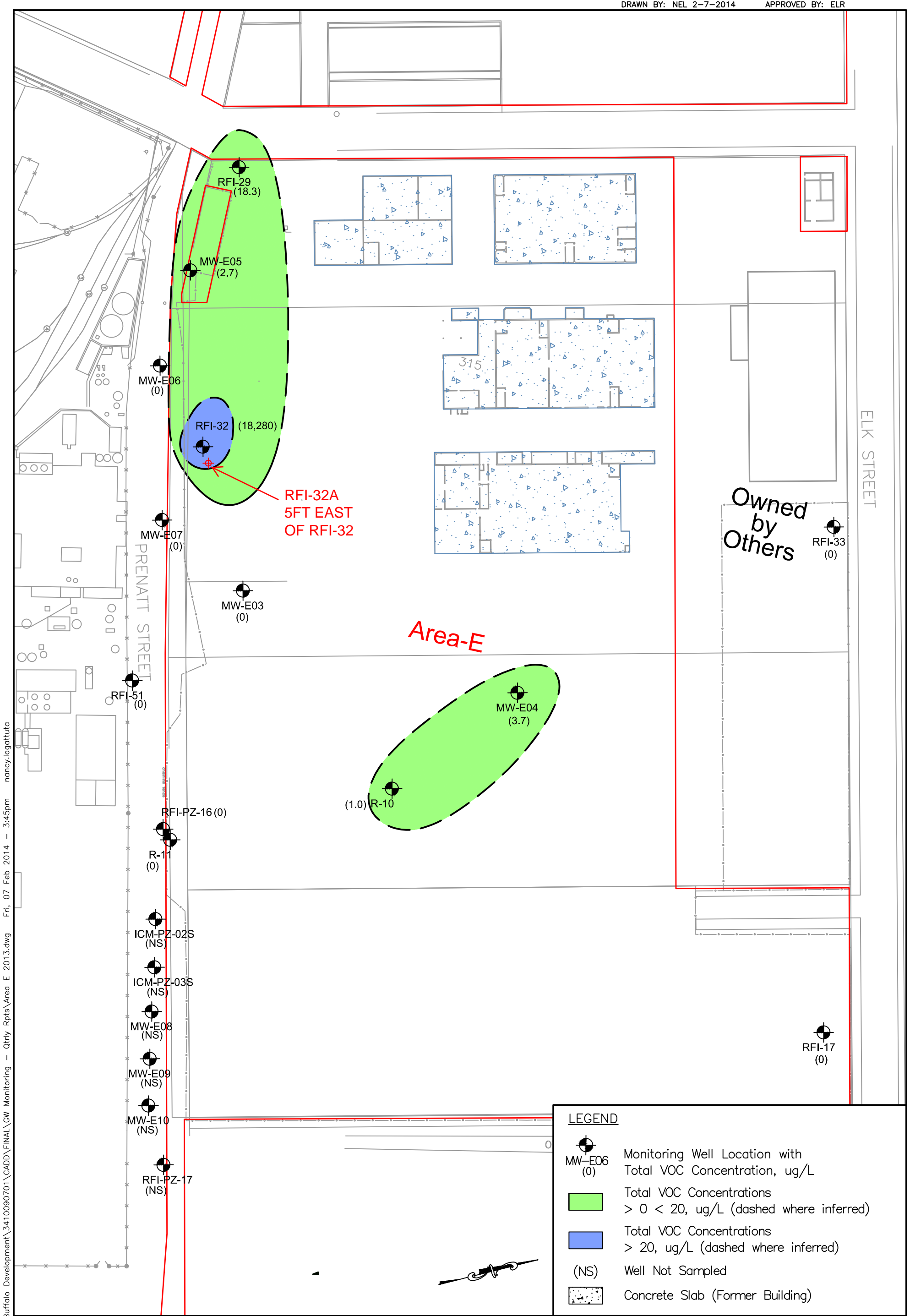
SOUTH BUFFALO DEVELOPMENT  
 BUFFALO, NEW YORK  
 Project No.: 3410110843



Environment & Infrastructure - Pittsburgh  
 800 North Bell Avenue  
 Carnegie, Pennsylvania 15106

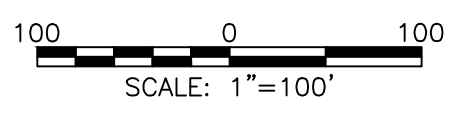
FOURTH QUARTER 2013  
 GROUNDWATER  
 MONITORING EVENT  
 TOTAL VOC CONCENTRATIONS  
 BUFFALO COLOR AREA - C  
 Figure: 2





P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\GW Monitoring - Qtrly Rpts\Area E. 2013.dwg Fri, 07 Feb 2014 - 3:45pm nancy.lagattuta

LEGEND	
	Monitoring Well Location with Total VOC Concentration, ug/L
	Total VOC Concentrations > 0 < 20, ug/L (dashed where inferred)
	Total VOC Concentrations > 20, ug/L (dashed where inferred)
(NS)	Well Not Sampled
	Concrete Slab (Former Building)









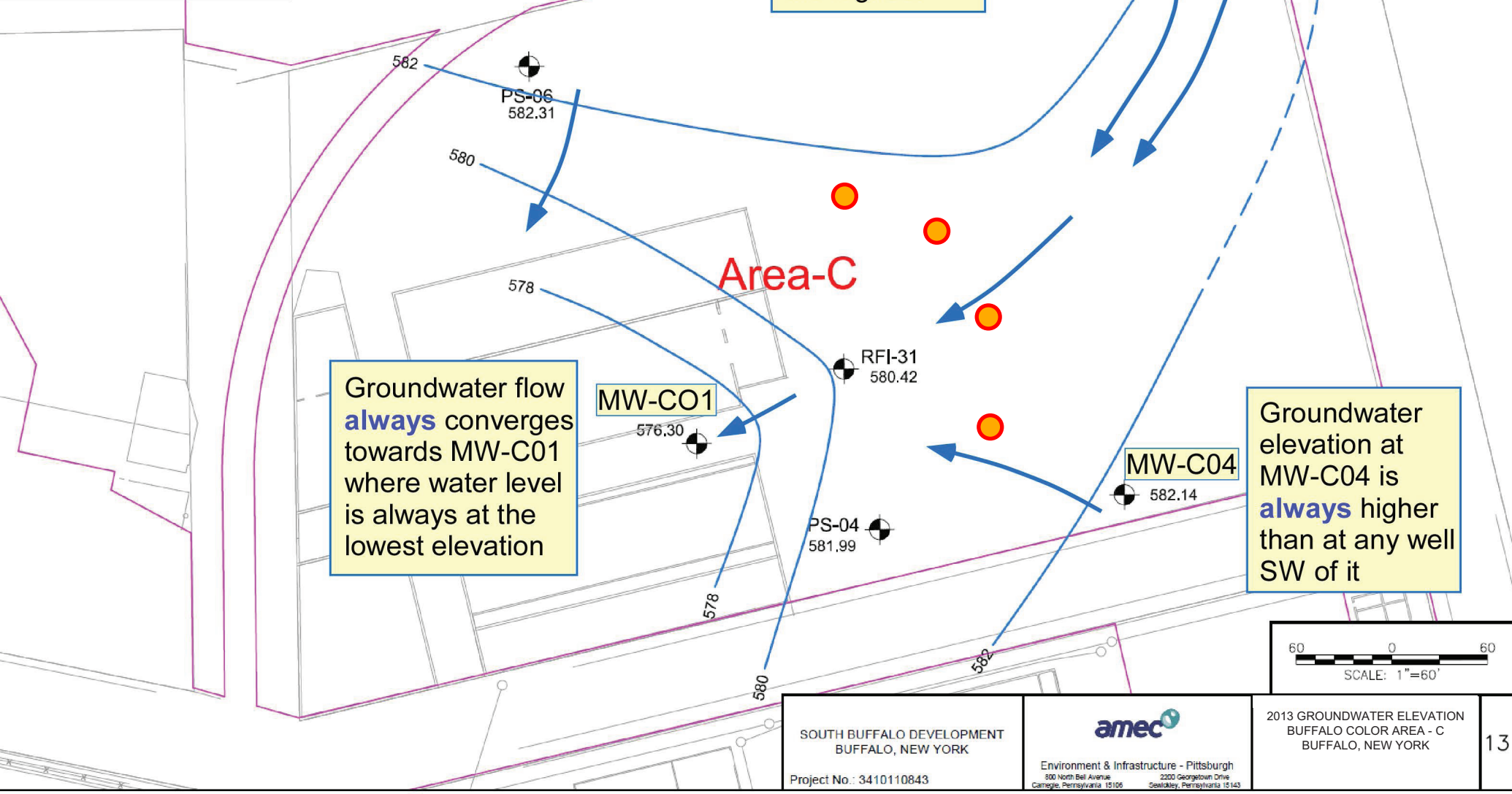
SOUTH BUFFALO DEVELOPMENT  
 BUFFALO, NEW YORK  
 Project No.: 3410110843



FOURTH QUARTER 2013  
 GROUNDWATER  
 MONITORING EVENT  
 TOTAL VOC CONCENTRATIONS  
 BUFFALO COLOR AREA - E  
 Figure: 1

**LEGEND**

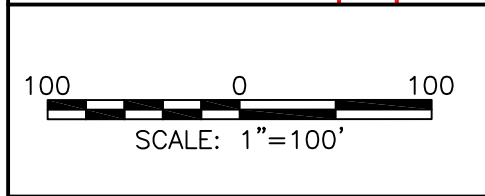
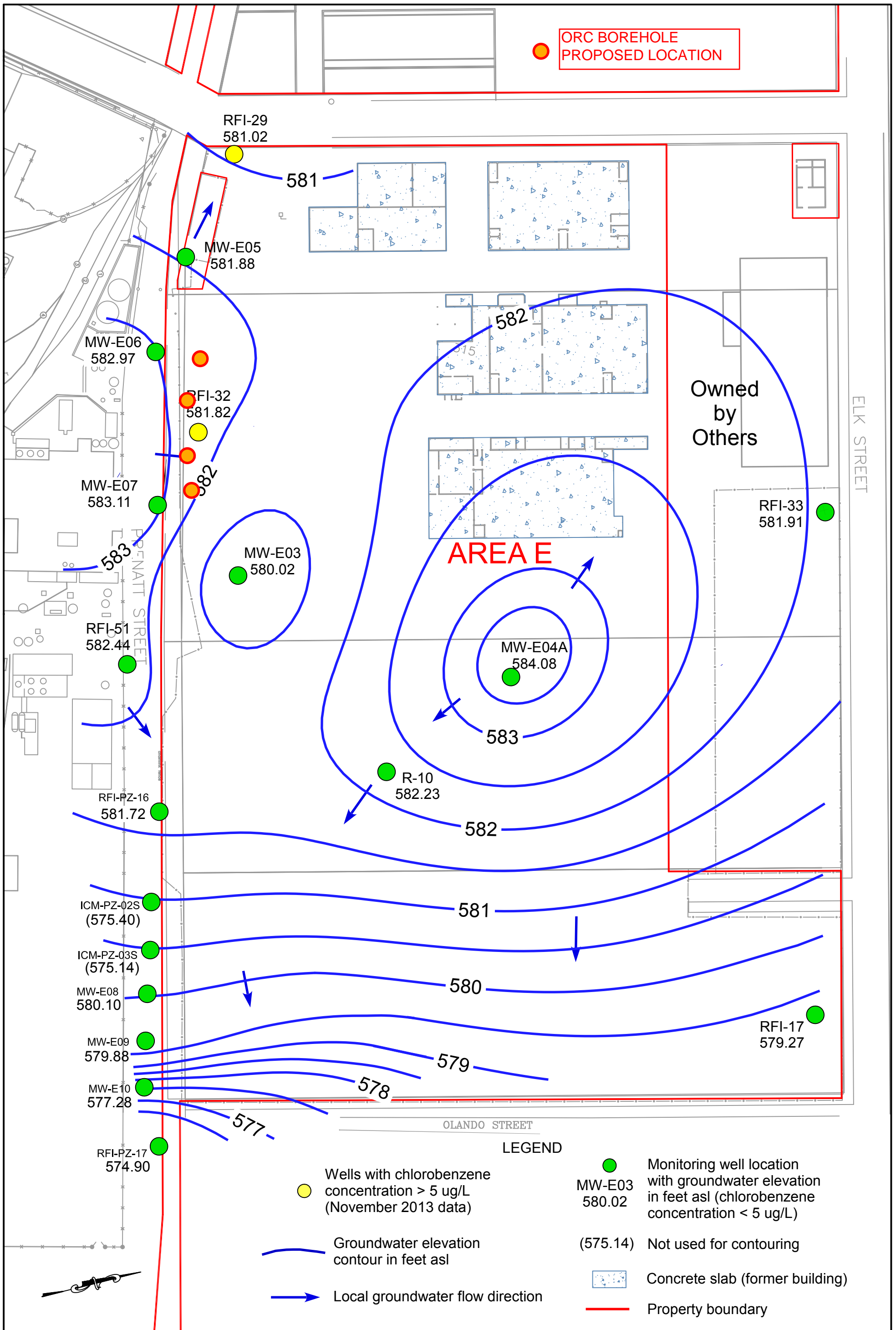
-  PS-06 Existing Monitoring Well
-  562.63 Groundwater Elevation, FT-AMSL
-  NM Not Measured
-  580 Groundwater Elevation Contour, FT-AMSL
-  Dashed Where Inferred
-  RFI-21D not sampled or measured as part of OM&M



SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No. : 3410110843	 Environment & Infrastructure - Pittsburgh <small>800 North Bell Avenue Carnegie, Pennsylvania 15106</small>	2013 GROUNDWATER ELEVATION BUFFALO COLOR AREA - C BUFFALO, NEW YORK	13
--	---	---	----

General directions of groundwater flow in the Buffalo Color Area-C





SOUTH BUFFALO DEVELOPMENT  
BUFFALO, NEW YORK  
Project No.: 3410110843

**amec**  
Engineering & Consulting Inc.  
800 North Bell Avenue, Suite 200  
Pittsburgh, PA 15106

Groundwater elevations and  
flow directions, November 2013

**ATTACHMENT A**  
**Excavation Work Plan**

---

---

## WORK PLAN MEMORANDUM

---

---

**TO:** JOHN YENSAN  
**FROM:** DAN FORLASTRO  
**SUBJECT:** FOCUSED SOIL INVESTIGATION – BUFFALO COLOR AREA C  
**DATE:** MAY 2, 2014  
**CC:** A. MADDEN, R. GALLOWAY, T. PERKINS

---

---

### Introduction

AMEC Environment and Infrastructure, Inc. (AMEC) has prepared this Work Plan for South Buffalo Development LLC (SBD) for a limited soil investigation at the Former Buffalo Color Corporation (BCC) Area C Site (Site). The limited soil investigation will be conducted to investigate two areas of the Site where constituents in shallow soils may be acting as active source areas for volatile organic compounds (VOCs) in groundwater based on recent groundwater quality data. A figure is attached that illustrates total VOC Concentrations in groundwater during a monitoring event completed in the fourth quarter of 2013. There are two areas where total VOC concentrations (predominately chlorobenzene, 1,2,4-trichlorobenzene, and 1,3-dichlorobenzene) are greater than 1,000 micrograms per liter (ug/L). AMEC will oversee excavation of a total of six test pits (TP-1 through TP-6 illustrated on the attached figure) and, should evidence of VOC impact be identified, collect soil samples to evaluate soil quality in these areas relative to the Site related Constituents of Concern (COCs). The following sections describe the methods AMEC will employ during the investigation.

### Test Pit Installation and Soil VOC Screening

A total of six test pits will be excavated in the locations illustrated in the attached figure. Test pits TP-1 through TP-4 will be excavated in the vicinity of monitoring well RFI-20. The groundwater sample collected from this well in the fourth quarter of 2013 had a total VOC concentration of 8,261 ug/L; the concentration of chlorobenzene was 8,200 ug/L and the concentration of benzene was 61 ug/L. Test pits TP-5 and TP-6 will be located to the northwest (upgradient) of monitoring well RFI-31, which had a total VOC concentration of 1,232 ug/L in the fourth quarter of 2013. The COCs in this sample were reported as follows: 1,2,4-trichlorobenzene 350ug/L, 1,3-dichlorobenzene 730 ug/L, and chlorobenzene 120 ug/L.

It is expected that the test pit activities will not cause ground disturbance that will result in soil or sediment migration from the Site, and each test pit will be backfilled with the excavated materials as soon as the subsurface evaluation is completed, i.e., there will be no stockpiled material for a sustained time period or overnight. However, a supply of silt fence and hay bales will be readily available in the event that erosion controls are required. At each test pit location, topsoil and vegetation will be carefully removed in order not to damage the underlying demarcation fabric, which will be replaced once the test pit is backfilled.

The test pits will be excavated with a backhoe or small excavator operated by OSC; an AMEC geologist will oversee the operation and visually log and screen the soils for VOCs as the test pits are excavated. A photoionization detector (PID) will be used to screen the work area for VOCs and the work area will be visually monitored for dust. Sustained VOC measurements above 5 ppm at the work area will require ceasing work activities and evaluating the work procedures or modifying PPE for the workers. OSC will have dust control measures available for mobilization, e.g., a water truck, if dust generation becomes excessive. OSC will prepare a Job Hazard Assessment (JHA) for the test pit task to supplement its Health and Safety Plan that has been implemented at the Buffalo Color Sites for remedial activities.

The PID will also be used to screen representative samples of the excavated soil as it is removed from the test pit. Quart size Ziploc bags will be filled with soils from the excavations that exhibit staining, unusual odor or other evidence of potential VOC impact. A headspace analysis (using the PID) will be conducted on each of the samples collected. Should VOCs be detected, the sample with the highest PID reading from each test pit will be submitted for laboratory testing. The analytical methods are discussed below. Saturated soils will not be submitted for laboratory analysis.

Each test pit will be advanced either to the first continuous saturated interval or to the excavator's limit. The excavated soil will be temporarily stockpiled adjacent to the individual test pits. Upon completion of test pit excavation, OSC will apply granular Oxygen Release Compound (ORC-A) at the base of each test pit as was conducted during previous Area C remediation activities. The test pits will then be backfilled with the previously excavated soil and compacted to the extent practical based on the limits of the equipment available. At the discretion of the overseeing AMEC geologist, on-site SBD representative, or on-site Honeywell representative, excavated material deemed unsuitable for return to the excavation as backfill will be sampled for characterization and offsite disposal. Should offsite disposal of excavated material be required, clean soil fill will be imported to complete the test pit backfilling. Once the primary backfilling is completed, the demarcation fabric will be replaced, the topsoil spread, raked, and seeded, and a biodegradable erosion matting will be placed over the disturbed areas. OSC will conduct inspections weekly and after rain events, and perform any necessary repairs to the seeded areas, until vegetation is re-established.

### **Soil Sampling and Analysis**







Representative soil samples will be submitted for laboratory analysis based on the results of the head space screening. The samples will be submitted to the TestAmerica, Inc. Laboratory in Buffalo, New York for the analysis of the following VOCs that have been identified as the COCs for the Site based on the groundwater plume: 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, benzene, and chlorobenzene. The samples will be analyzed by USEPA Method 8260B. A standard turn-around time will be requested for the analysis.

### **Reporting**

Upon receipt of the analytical laboratory report, AMEC will prepare a technical memorandum for SBD that summarizes and evaluates the analytical data as well as any recommendations for additional actions. Test pit logs will also be included in the memorandum.

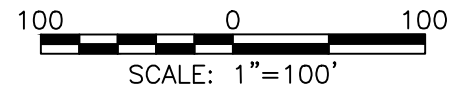


**LEGEND**

-  PS-04 (1.2) 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)
-  Property Boundary
-  TP-1 Proposed Test Pit

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\GW Monitoring - Qtrly Rpts\Area C 2013.dwg Wed, 30 Apr 2014 - 1:59pm nancy.lagattuta

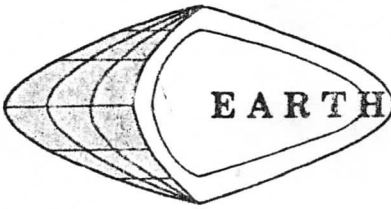


**SOUTH BUFFALO DEVELOPMENT**  
**BUFFALO, NEW YORK**  
 Project No.: 3410110843



FOURTH QUARTER 2013  
 GROUNDWATER  
 MONITORING EVENT  
 TOTAL VOC CONCENTRATIONS  
 BUFFALO COLOR AREA - C  
 Figure: 2

**ATTACHMENT B**  
**Monitoring Well Decommissioning and Installation Logs**



# EARTH DIMENSIONS, INC.

Soil Investigations and Monitoring Well Installations

1091 Jamison Road • Elma, NY 14059 • (716) 655-1717

HOLE NO. RFE-20A

SURF. ELV. \_\_\_\_\_

PROJECT BUFFALO COLOR (AREA C)

LOCATION BUFFALO N.Y.

CLIENT OSC

DATE STARTED 8/22/14 COMPLETED 8/22/14

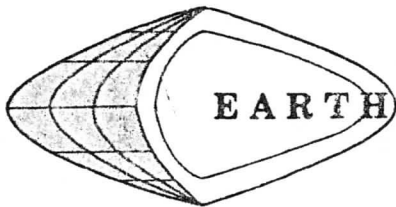
DEPTH FEET	SAMPLE NO.	BLOWS ON SAMPLER					DESCRIPTION & CLASSIFICATION	WATER TABLE & REMARKS
		0-6	6-12	12-18	18-24	N		
							<p>RFE-20A</p> <p>2" PVC REPLACEMENT WELL</p> <p>4 1/4" ID HSA 0' TO 12.3' NO SAMPLES</p>	

N = NUMBER OF BLOWS TO DRIVE \_\_\_\_\_ " SPOON \_\_\_\_\_ " WITH \_\_\_\_\_ lb. WT. FALLING \_\_\_\_\_ " PER BLOW.

LOGGED BY Philip R. Ben

SHEET 1 OF 1





# EARTH DIMENSIONS, INC.

Soil Investigations and Monitoring Well Installations

1091 Jamison Road • Elma, NY 14059 • (716) 655-1717

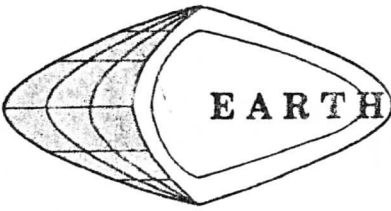
HOLE NO. RFI-32A SURF. ELV. \_\_\_\_\_  
 PROJECT BUFFALO COLON AREA E LOCATION BUFFALO NY.  
 CLIENT OSC DATE STARTED 8/12/14 COMPLETED 8/12/14

DEPTH FEET	SAMPLE NO.	BLOWS ON SAMPLER					DESCRIPTION & CLASSIFICATION	WATER TABLE & REMARKS
		0-6	6-12	12-18	18-24	N		
							RFI - 32A: 2" PVC Replacement Well 1/4" ID HSA 0' to 13.0' No Samples	

N = NUMBER OF BLOWS TO DRIVE \_\_\_\_\_ " SPOON \_\_\_\_\_ " WITH \_\_\_\_\_ lb. WT. FALLING \_\_\_\_\_ " PER BLOW.

LOGGED BY [Signature] SHEET 1 OF 1





# EARTH DIMENSIONS, INC.

Soil Investigations and Monitoring Well Installations

1091 Jamison Road • Elma, NY 14059 • (716) 655-1717

HOLE NO. RFI-31A SURF. ELV. \_\_\_\_\_

PROJECT Buffalo Colon LOCATION Buffalo NY

CLIENT OSC DATE STARTED 8/13/14 COMPLETED 8/13/14

DEPTH FEET	SAMPLE NO.	BLOWS ON SAMPLER					DESCRIPTION & CLASSIFICATION	WATER TABLE & REMARKS
		0-6	6-12	12-18	18-24	N		
							RFI-31A: 2" PVC REPLACEMENT WELL 1/4" ID HSA 0' TO 15' NO SAMPLES	<p>8" ROAD BORE</p> <p>8" BOREHOLE</p> <p>6.0' RISER</p> <p>8.0' TOP OF SCREEN</p> <p>10.0' TOP OF SCREEN</p> <p>2" PVC 10 SLOT SCREEN</p> <p>15.0' BOTTOM OF WELL</p>

**WELL DECOMMISSIONING RECORD**  
**NYSDEC NPL Sites**



**EARTH DIMENSIONS, INC.**

1091 Janssen Road • Elma, NY 14059

Site Name: <u>Buffalo Canal</u>	Well I.D. <u>RFE-31</u>
Site Location: <u>Buffalo N.Y.</u>	Driller: <u>P. BENCO</u>
Drilling Co: <u>EARTH DIMENSIONS, INC.</u>	Inspector:
	Date: <u>8/17/14</u>

**DECOMMISSIONING DATA**  
 (fill in all that apply)

**OVERDRILLING**

Interval drilled	<u>0' TO 8'</u>
Drilling Method(s)	<u>1 1/2" ID H/A</u>
Borehole Dia. (in)	<u>8"</u>
Temporary Casing Installed? (y/n)	<u>YES</u>
Depth temporary casing installed	<u>8'</u>
Casing type/dia. (in.)	<u>Rebar/ 8"</u>
Method of installing	<u>Rotary</u>

**CASING PULLING**

Method employed	<u>HYD. Pull</u>
Casing retrieved (feet)	<u>17.0'</u>
Casing type/dia. (in)	<u>S. STEEL</u>

**Casing perforating**

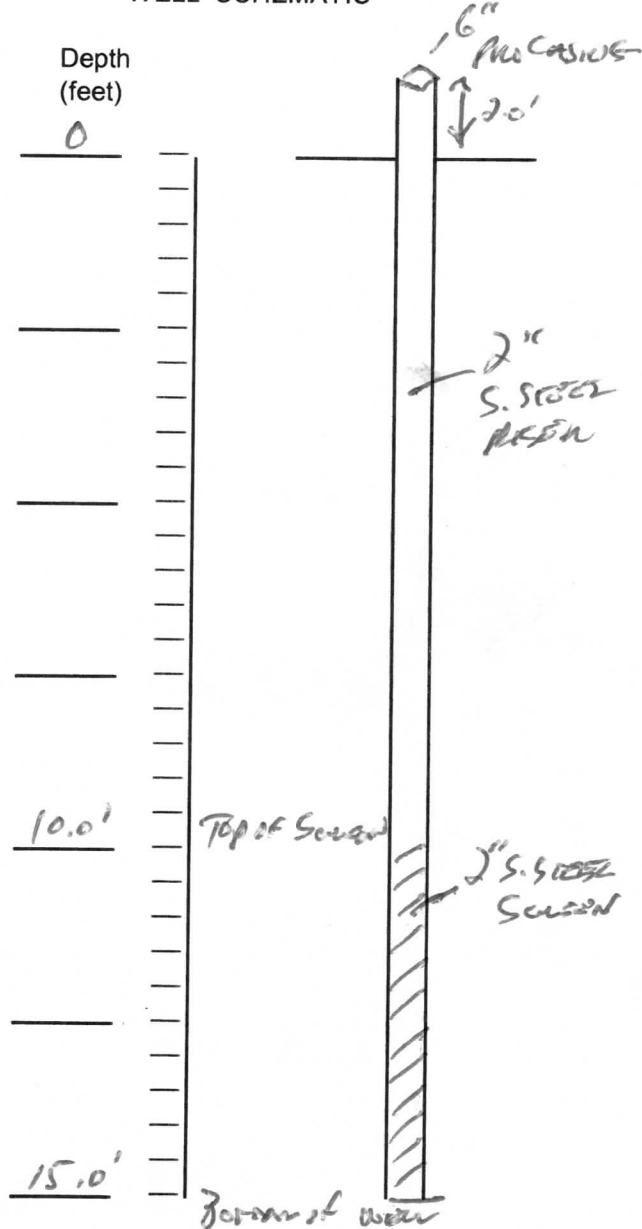
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	

**GROUTING**

Interval grouted (FBLS)	<u>0' TO 15'</u>
# of batches prepared	<u>1</u>
For each batch record:	
Quantity of water used (gal.)	<u>14 Gal.</u>
Quantity of cement used (lbs.)	<u>188#</u>
Cement type	<u>PORTLAND F</u>
Quantity of bentonite used (lbs.)	<u>0#</u>
Quantity of calcium chloride used (lbs.)	<u>N/A</u>
Volume of grout prepared (gal.)	<u>25 Gal.</u>
Volume of grout used (gal.)	<u>25 Gal.</u>

COMMENTS: ONLY DOWN TO 8' BECAUSE WATER  
CAUSE THEM TO SURFACE

**WELL SCHEMATIC\***



\* Sketch in all relevant decommissioning data including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

*[Handwritten Signature]*

Dept Representative

Drilling Contractor

**WELL DECOMMISSIONING RECORD**  
**NYSDEC NPL Sites**



**EARTH DIMENSIONS, INC.**

1091 Jamison Road • Elma, NY 14059

Site Name: <u>BUFFALO COLON</u>	Well I.D. <u>RFE-32</u>
Site Location: <u>BUFFALO NY.</u>	Driller: <u>P. DENNE</u>
Drilling Co: <u>EARTH DIMENSIONS INC.</u>	Inspector:
	Date: <u>8/12/14</u>

**DECOMMISSIONING DATA**  
 (fill in all that apply)

**WELL SCHEMATIC\***

OVERDRILLING

Interval drilled	
Drilling Method(s)	
Borehole Dia. (in.)	<u>8"</u>
Temporary Casing Installed? (y/n)	<u>NO</u>
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	

CASING PULLING

Method employed	<u>HYD. PULL</u>
Casing retrieved (feet)	<u>15.0'</u>
Casing type/dia. (in.)	<u>S. STEEL / 2"</u>

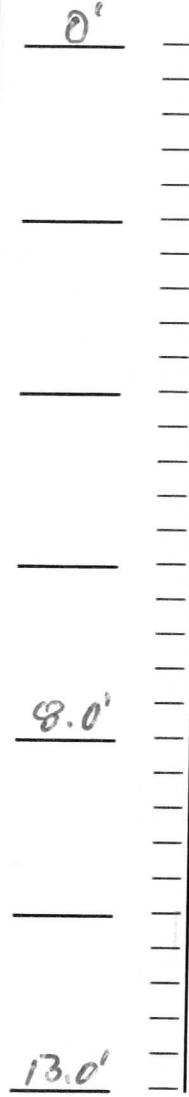
Casing perforating

Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	

GROUTING

Interval grouted (FBLs)	<u>0' TO 13'</u>
# of batches prepared	<u>1</u>
For each batch record:	
Quantity of water used (gal.)	<u>14</u>
Quantity of cement used (lbs.)	<u>160#</u>
Cement type	<u>TYPE I</u>
Quantity of bentonite used (lbs.)	<u>8#</u>
Quantity of calcium chloride used (lbs.)	<u>N/A</u>
Volume of grout prepared (gal.)	<u>25 GAL.</u>
Volume of grout used (gal.)	<u>25 GAL.</u>

Depth (feet)



6" PRO CASING  
1.5' STICKUP

2" S. STEEL RISER

TOP OF SCREEN

2" S. STEEL SCREEN

BOTTOM OF WELL

COMMENTS: REMOVE WELL THROUGH COLON  
BAIT FILE TO GRAVEL SURFACE

\* Sketch in all relevant decommissioning data including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

[Signature]

Dept Representative

Drilling Contractor

# WELL DECOMMISSIONING RECORD

## NYSDEC NPL Sites



**EARTH DIMENSIONS, INC.**

1091 Jamison Road • Elma, NY 14059

Site Name: <u>Buffalo Canal</u>	Well I.D. <u>RFI-20</u>
Site Location: <u>Buffalo N.Y.</u>	Driller: <u>P. BENCE</u>
Drilling Co: <u>Earth Dimensions, Inc.</u>	Inspector:
	Date: <u>8/12/14</u>

### DECOMMISSIONING DATA

(fill in all that apply)

### WELL SCHEMATIC\*

#### OVERDRILLING

Interval drilled	
Drilling Method(s)	
Borehole Dia. (in)	<u>8"</u>
Temporary Casing Installed? (y/n)	<u>NO</u>
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	

#### CASING PULLING

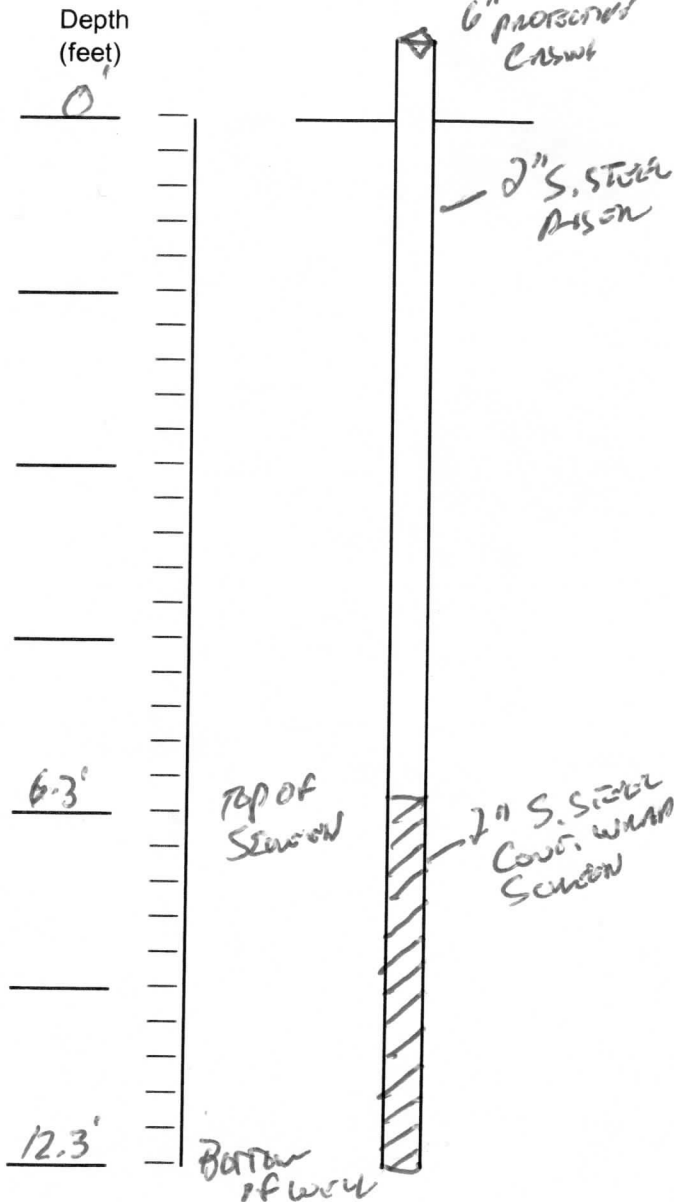
Method employed	<u>1/40-Pull</u>
Casing retrieved (feet)	
Casing type/dia. (in)	<u>Standard 2"</u>

#### Casing perforating

Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	

#### GROUTING

Interval grouted (FBLS)	<u>0' TO 12.3'</u>
# of batches prepared	<u>1</u>
For each batch record:	
Quantity of water used (gal.)	<u>714</u>
Quantity of cement used (lbs.)	<u>187#</u>
Cement type	<u>TYPE I</u>
Quantity of bentonite used (lbs.)	<u>8#</u>
Quantity of calcium chloride used (lbs.)	<u>N/A</u>
Volume of grout prepared (gal.)	<u>25</u>
Volume of grout used (gal.)	<u>25</u>



COMMENTS: Pull well tubing & cement  
backfill 12.3' to 0'

\* Sketch in all relevant decommissioning data including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Philip Bence  
 Dept Representative