



October 31, 2017

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

**Subject: 2016 Periodic Review Report
Former Buffalo Color Corporation – Areas A&B Site No. C915230
OSC Job No. 16011**

Dear Mr. Szymanski:

On behalf of HDC Holdings LLC (HDC) and South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting this periodic review report (PRR) for the Buffalo Color Areas A&B Site (referred to hereafter as the “Site”). This PRR acts to chronicle and assess all post remedial activities conducted during the 2016 year (referred to hereafter as the “reporting period”).

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

I. Executive Summary

- A. Site Summary: The Site consists of the following two property addresses: 1337 South Park Avenue (Area A - 10.14 acres) and 1002 South Park Avenue (Area B - 2.49 acres) in the City of Buffalo, County of Erie, New York. The two properties are part of five areas that comprised the former Buffalo Color Corporation, which produced dyes and organic chemicals until its bankruptcy in 2005.

Remedial investigations determined that Site soil contained concentrations of certain metals and organic substances that exceeded the NY Commercial Soil Cleanup Objectives (SCOs). Shallow soil and shallow groundwater on the southwestern portion of Areas A and B were found to contain concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) that exceeded applicable NY soil and groundwater standards. It was determined that no remedial action was necessary for deep aquifer groundwater.

The following is a summary of the Remedial Actions performed at the Site:

- A vertical hydraulic barrier (VHB), consisting of slag-cement-bentonite, was installed at Area A using slurry trench and jet grout methods. The pre-existing Area A groundwater extraction system (GWES), which was installed in 2006 as an interim corrective measure, was repurposed to provide hydraulic control behind the VHB;
- The Area A river bank was stabilized through closure of the former river water intake structure, establishment of vegetation along segments of the river bank, and stabilization of existing concrete retaining walls to remain in place;
- Installation of an integrated Site-wide cover system to prevent human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and installation of a new storm water conveyance system in Area A;

- 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 the site remedy.

During the reporting period, the following routine OMM activities were completed in accordance with the Areas A&B Site Management Plan prepared by Mactec Engineering and Consulting, P.C. dated May 1, 2015 (referred to hereafter as the SMP):

- Quarterly shallow groundwater sampling from Area B monitoring wells;
- Annual shallow groundwater sampling from Area A monitoring wells and extraction wells;
- Quarterly storm sewer sampling at manhole DMH-A3, which is located on Area A and is the manhole immediately prior to the Area A Buffalo River outfall;
- Quarterly groundwater elevation measurements of the observation well network to monitor hydraulic control behind the VHB;
- Buffalo Sewer Authority (BSA) compliance sampling and quarterly reporting;
- Operation of the GWES with associated repairs and maintenance;
- Riverbank survey monitoring; and
- Quarterly Site inspections.

Tables and figures summarizing the groundwater monitoring results are included in **Attachment E** for each of the sampling events covered within the reporting period.

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

- Site inspection reports indicate that the soil cover was intact and the remedy remained protective for direct contact with impacted soils. Additional seed was spread across the Areas A&B Site in mid-May 2016. The soil cover vegetation will continue to be inspected and additional seed will be applied as needed.
- Riverbank inspection reports and survey monitoring data indicate that the shoreline is intact and has not experienced any measurable displacement.
- Storm water sampling results indicated trace quantities of VOCs, but all analytical results were below the laboratory reporting limits and/or New York Groundwater effluent limitations for discharges to Class GA waters. An evaluation of the storm sewer conveyance system will continue to be visually inspected for potential groundwater intrusion throughout the subsequent reporting period. Some flooding of GWES leak detection vaults was observed and progressively tracked throughout the reporting period. Local groundwater table measurements along with direct visual observations have identified the flooding to be the result of local groundwater infiltration through concrete section joints. These concrete structures were not designed to prohibit water infiltration. The infrequent flooding of these structures does not inhibit the ability to read the carrier line pressure indicators and thus does not affect their designed performance objectives.
- In June 2016, it was noted that the pressure of EW-4 inflow to the system was significantly higher than what had been seen historically. At that time the well was redeveloped and allowed to continue to run. In August 2016, the flow from EW-4 ceased. It was determined that the lines running from the extraction well to the system were clogged. Multiple attempts were made to clear the lines, but were unsuccessful. In the spring of 2017, a line was ran over the property so that EW-4 could be restarted. In May 2017, OSC dug and replaced each clean out along the line. Additionally, section of pipe near the clean outs were replaced after additional jetting was complete to remove the clog. In June 2017, repair was complete and flow was restarted.

- C. Compliance: No areas of non-compliance have been identified.
- D. Recommendations: No changes to the SMP are currently warranted or recommended. Routine OMM activities will continue during the subsequent reporting period.

II. Site Overview

- A. Site Location: The Site consists of the following two property addresses: 1037 South Park Avenue (Area A - 10.14 acres) and 1002 South Park Avenue (Area B - 2.49 acres) in the City of Buffalo, County of Erie, New York. Area A is bounded by South Park Avenue to the north, the Buffalo River to the east, an inactive rail line to the south (beyond which is former BCC Area D), and railroad tracks to the west (**Figure 1**). Area B is bounded by a rail spur and former BCC Area C to the north, an approximate 2-acre property (formerly part of Area B when BCC owned/operated the Site) that contains an office building and other small buildings along Lee Street to the east, South Park Avenue to the south, and railroad tracks to the west (**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.

In December 2013, immediately following the completion of remedial construction activities and the subsequent issuance of a certificate of completion (COC) from the NYSDEC, ownership of the Areas A&B properties was transferred to HDC Holdings LLC (HDC). During the property transfer proceedings, an agreement was executed between SBD and HDC granting SBD, and its contractors, indefinite access to the property in order to perform all continuing obligations and requirements under the Site SMP and environmental easement.

- B. Chronology: Numerous environmental investigations have been completed for the Buffalo Color property, including Areas A&B, 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 was initiated. Construction of the Areas A&B remedial measures began in early 2011 and progressed through to completion in December of 2013.

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

- Buildings, tanks, piping and other structures associated with the former BCC chemical dye plant were demolished. As part of the demolition process, hazardous chemicals that were abandoned by BCC, asbestos-containing materials, and other regulated substances were removed and properly disposed;
- A vertical hydraulic barrier (VHB), consisting of slag-cement-bentonite, was installed in Area A using slurry trench and jet grout methods. The pre-existing Area A groundwater extraction system (GWES), which was installed in 2006 as an interim corrective measure, was repurposed to provide hydraulic control behind the VHB. The system consists of five extraction wells (A-EW-1 through A-EW-5), associated underground piping and conduit, controls and a groundwater treatment building where all of the extracted groundwater is pre-treated via carbon filtration before final discharge to the BSA sewer located on the north side of Area B;
- The Area A river bank was stabilized through closure of the former river water intake structure, establishment of vegetation along segments of the river bank, and stabilization of existing concrete retaining walls to remain in place;
- Utilization of an integrated Site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and installation of a new storm water conveyance system in Area A;
- Execution and recording of an environmental easement enabling 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; and
- Development and implementation of a Site management plan for long term management of site remedy as required by the Environmental Easement, which includes plans for institutional and engineering controls, performance monitoring, operation and maintenance, and reporting.

The above-described remedial activities were completed at the Site in 2013 and are documented in the Areas A&B Final Engineering Report (Mactec, 2013).

In November 2015, a sheet pile barrier was installed along the Buffalo River on the southeast side of Area A. The barrier extends approximately 200' and works in conjunction with the marine mattress to control river bank erosion and maintain slope stabilization.

Monitoring activities to assess contaminant levels in shallow Site groundwater and the process of natural attenuation 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

The performance, effectiveness and protectiveness of the remedy are verified through evaluating each of the primary remedial measures.

Exposure Potential: The potential for direct human exposure to impacted soils and/or groundwater is mitigated through the maintenance of the Site cover system and adherence to the recorded environmental easement. The following bulleted items summarize the objective performance evaluation of Site remedial measures towards the protection of human exposure.

- The Site-wide inspection reports all indicate that the compliance to the Site institutional controls, established by the environmental easement, is maintained.
- Site inspection reports indicate that the soil cover was intact and the remedy remained protective for direct contact with impacted soils. Additional seed was spread across the Areas A&B Site in mid-May of 2016. The soil cover vegetation will continue to be inspected and additional seed will be applied as needed.
- Inspection sheets for the reporting period are provided as **Attachment B**.
- In June 2016, it was noted that the pressure of EW-4 inflow to the system was significantly higher than what had been seen historically. At that time the well was redeveloped and allowed to continue to run. In August 2016, the flow from EW-4 ceased. It was determined that the lines running from the extraction well to the system were clogged. Multiple attempts were made to clear the lines, but were unsuccessful. In the spring of 2017, a line was run over the property so that EW-4 could be restarted. In May 2017, OSC dug and replaced each clean out along the line. Additionally, sections of pipe near the clean outs were replaced after additional jetting was complete to remove the clog. In June 2017, repair was complete and flow was restarted.

Off-Site Migration: Off-Site migration of impacted groundwater is mitigated by maintaining an inward hydraulic gradient between the observation wells “outside” of the VHB (i.e., closest to the Buffalo River; also referred to as exterior wells) and the observation wells “inside” the hydraulic barrier (interior wells). Additionally, water from the Area A storm sewer system is sampled to ensure the surface drainage system is isolated from Site groundwater. Analytical data and shallow groundwater elevation measurements collected within Area B are tracked to ensure contaminant concentrations and direction of flow preclude the potential of off-Site impact. The risk of impacted soil migration due to slope failure along the Area A Buffalo River shoreline is mitigated through a geodetic survey and visual monitoring program. The following bulleted items summarize the objective performance evaluation of Site remedial measures towards the mitigation of off-Site contaminant migration.

- Initial VHB observation well readings indicated the need to increase groundwater drawdown across the extraction well network; with respect to previous pumping rates established as part of the Area A interim remedial measure. In particular, observation well measurements collected during the month of November indicated an outward gradient. The extraction well network pumping capacities were increased immediately following the identification of the outward gradient. Observation well readings collected during the following month of December did indicate a sufficient inward gradient, but additional data sets will need to be collected to properly evaluate the GWES’s ability to maintain hydraulic control. This information is summarized in the observation well hydrographs (Figure 4).
- Area A storm water sampling results indicated trace quantities of VOCs, but all analytical results were below the laboratory reporting limits and/or New York Groundwater effluent limitations for discharges to Class GA waters. An evaluation of the storm sewer conveyance system will continue to be visually inspected for potential groundwater intrusion throughout the subsequent reporting period.

- Area B groundwater contour drawings indicate flow direction is predominantly eastward towards the Buffalo River. Currently, trends or other conclusions cannot be drawn without further monitoring.
- Riverbank inspection results and survey monitoring data indicate that the shoreline is intact and has not experienced any measurable displacement.

Natural Attenuation: Area B Quarterly and Area A Annual groundwater monitoring data has been collected within the reporting period and after review of the data, an apparent trend, either decreasing or increasing, has not been identified for the Areas A&B Site. Low-Flow well sampling logs are provided in **Attachment I**. Groundwater monitoring data will continue to be obtained and evaluated in the subsequent reporting period.

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 ICs are designed to:

- Implement, maintain and monitor engineering control systems;
- Address future exposure to remaining contamination by controlling disturbances of the subsurface contamination through adherence to an approved excavation work plan;
- Prohibit Site groundwater use; and
- Limit the use and development of the Site to commercial and industrial uses only.

Engineering controls (ECs) developed for the Site consist of:

- Recorded 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;
- 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;
- Riverbank slope stability fortifications consisting of riprap toe buttress and geotextile overlain by clean soil cover and riparian vegetation to prevent erosion and migration of potentially impacted soil to the Buffalo River;
- Installation of a new Area A storm water conveyance system, including a series of manholes/drains and underground piping directed to an outfall pipe which discharges to the Buffalo River;
- A VHB installed on the eastern side of Area A to prevent migration of contaminated groundwater to the Buffalo River; and
- The Area A GWES operating to provide the required hydraulic control behind the Area A VHB.

Performance of Site IC/ECs is evaluated through the following tasks:

- Documented Site-wide, cover system, and riverbank inspections to ensure the environmental easement is active and in force, the cover system is intact and protective to potential human exposure, and shoreline structures are intact and stable;
- Geodetic survey measurements are intermittently collected atop the northern concrete retaining wall and the southern marine mattress top of slope, along the Area A shoreline, to further ensure the stability of these riverbank critical structures;

- Storm sewer outfall manhole sample collection and analytical evaluation to ensure the surface drainage system is isolated from Site groundwater;
- Media collection and analytical evaluation to ensure compliance with any VI protocols established for future occupied structures at the Site; and
- Hydraulic control behind the VHB is verified through the collection of groundwater elevation measurements from the observation well network, to confirm the presence of an inward hydraulic gradient.

The Site IC/ECs are all currently active and in force. At this time, no deficiencies have been identified with the established Site IC/ECs and no recommendations for changes are proposed.

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:

- Annual shallow groundwater sampling from Area A monitoring wells and extraction wells;
- Quarterly shallow groundwater sampling from Area B monitoring wells;
- Quarterly Area A storm sewer sampling;
- Quarterly groundwater elevation measurements of the VHB observation well network;
- Quarterly groundwater elevation measurements of Areas A&B wells;
- Riverbank survey monitoring; and
- Quarterly Site-wide, cover system, and riverbank 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 the SMP during the reporting period:

AREAS A&B 2016 MONITORING EVENT COMPLIANCE SUMMARY		QUARTER			
Monitoring Type	Frequency	1st	2nd	3rd	4th
Area A Groundwater Sampling	Annual		X		
Area B Groundwater Sampling	Quarterly	X	X	X	X
Area A Storm Sewer Sampling	Quarterly	X	X	X	X
Area A VHB Observation Wells Groundwater Elevation Measurements	Quarterly	X	X	X	X
Areas A&B Groundwater Elevation Measurements	Quarterly	X	X	X	X
Area A Shoreline Survey Monitoring	Quarterly	X	X	X	X
Areas A&B Site & Cover Inspections	Quarterly	X	X	X	X

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

AREAS A&B 2016 GROUNDWATER SAMPLING SUMMARY					QUARTER			
Sample Point	Area	Frequency	Sample Point Type	Monitoring Parameters	1st	2nd	3rd	4th
A-EW-1	A	Annual	Extraction Well	TCL VOCs, TCL SVOCs, TAL metals		X		
A-EW-2	A	Annual	Extraction Well	TCL VOCs, TCL SVOCs, TAL metals		X		
A-EW-3A	A	Annual	Extraction Well	TCL VOCs, TCL SVOCs, TAL metals		X		
A-EW-4	A	Annual	Extraction Well	TCL VOCs, TCL SVOCs, TAL metals		X		
A-EW-5	A	Annual	Extraction Well	TCL VOCs, TCL SVOCs, TAL metals		X		
ICM-101	A	Annual	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals		X		
RFI-26	A	Annual	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals		X		
DMH-A3	A	Quarterly	Manhole	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-18	B	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-27	B	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-30	B	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X
RFI-28	B	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X

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

- C. Comparisons with Remedial Objectives: Natural attenuation of Site groundwater is tracked through the sampling of Site monitoring and extraction wells. New York State Water Quality Standards for Surface Water and Groundwater (Table 1, cf. section 703.5 - Class GA) are the established groundwater quality objectives for the Site. TestAmerica Laboratories, Inc. in Amherst, NY performed the laboratory analysis for the collected groundwater samples and Amec Foster Wheeler conducted a level 2 data validation of the corresponding data. Tabulated groundwater analytical data, isoconcentration and groundwater elevation figures are provided in **Attachment E**.
- 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 during the following reporting period.

VI. Operations and Maintenance Plan Compliance Report

- A. Components of the O&M Plan: The operations and maintenance requirements for the Area A GWES are provided in the GWES operation, maintenance and monitoring (OM&M) plan. Information on non-mechanical engineering controls (i.e., soil cover system) is provided in section IV - IC/EC Plan Compliance Report.
 - Monthly (Quarterly Minimum) Groundwater Extraction System Monitoring: During this activity, the O&M contractor inspects the conditions of the extraction and observation wells; records groundwater level measurements at each well; and records flow totalizer readings from the extraction system. This information is summarized in the observation well hydrographs (Figure 4).
 - Monthly (Quarterly Minimum) GWES Treatment Plant Monitoring: Discharge samples are collected from the treatment plant quarterly and the data is submitted within a discharge monitoring report (DMR) to the BSA on a quarterly basis, as specified in the BSA discharge permit, with a copy provided to the NYSDEC. DMR copies, submitted within the reporting period, are provided as **Attachment F**.
- B. Summary of O&M Completed: In addition to the GWES and treatment plant system monitoring activities, various repair and maintenance initiatives are routinely completed on the mechanical, electrical, and plumbing systems; to maintain performance of the GWES. Items requiring repair and maintenance include, but are not limited to, transfer pumps, submersible pumps, well casings/screens, holding tanks, pressure vessels, conveyance plumbing, filter media, activated carbon, backup generator, control/communication electrical, power supply electrical, building envelope, and personnel hygienic facilities. Additionally, grass areas were mowed and seed was placed in bare capped areas.

Some flooding of GWES leak detection vaults was observed and progressively tracked throughout the reporting period. Local groundwater table measurements along with direct visual observations have identified the flooding to be the result of local groundwater infiltration through concrete section joints. These concrete structures were not designed to prohibit water infiltration. The infrequent flooding of these structures does not inhibit the ability to read the carrier line pressure indicators and thus does not affect their designed performance objectives.

- C. Evaluation of Remedial Systems: Initial VHB observation well readings indicated the need to increase groundwater drawdown across the extraction well network; with respect to previous pumping rates established as part of the Area A interim remedial measure. The need for an increase in pumping capacity triggered a performance evaluation of the extraction well network. This evaluation found that biofouling had occurred in EW-5. The well was redeveloped and disinfected in attempt to increase

flow rates. Further evaluation will occur during the next reporting period to determine if additional repair needs to occur.

D. O&M Deficiencies: No deficiencies in complying with the O&M Plan have been noted.

E. Conclusions and Recommendations: No changes are recommended at this time.

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 remedy is performing as designed and remains effective at protecting the environment from exposure to residual contamination at the site. Site groundwater will continue to be monitored to determine if the remedy is decreasing contaminant concentrations within shallow groundwater.

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

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

Sincerely,

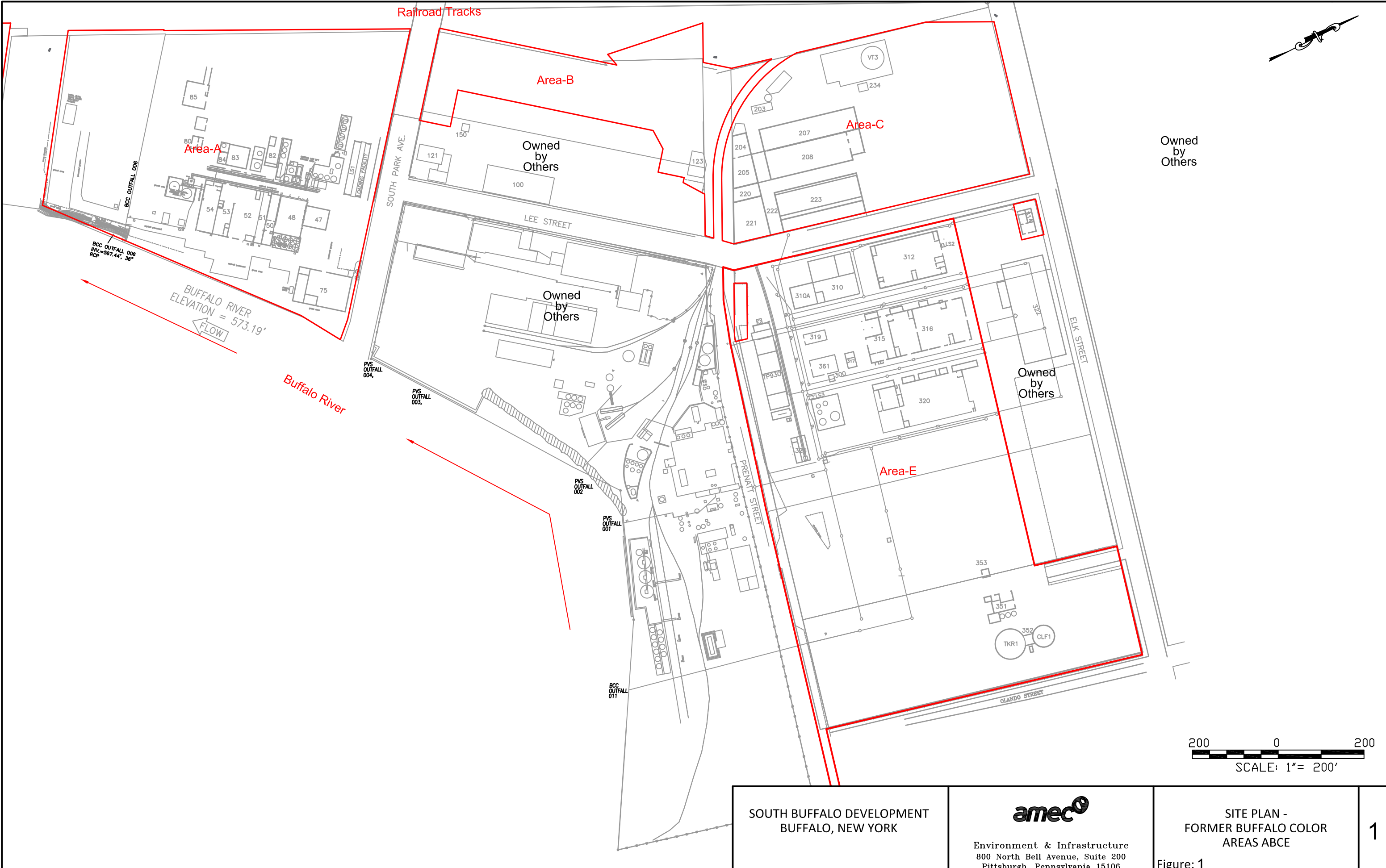


Kirsten Colligan
Project & Environmental Monitor - *Ontario Specialty Contracting, Inc.*

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

FIGURES

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Owned by Others

Area-B

Area-A

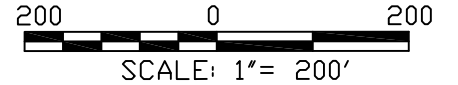
Area-C

Owned by Others

Owned by Others

Area-E

BUFFALO RIVER
ELEVATION = 573.19'
FLOW



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

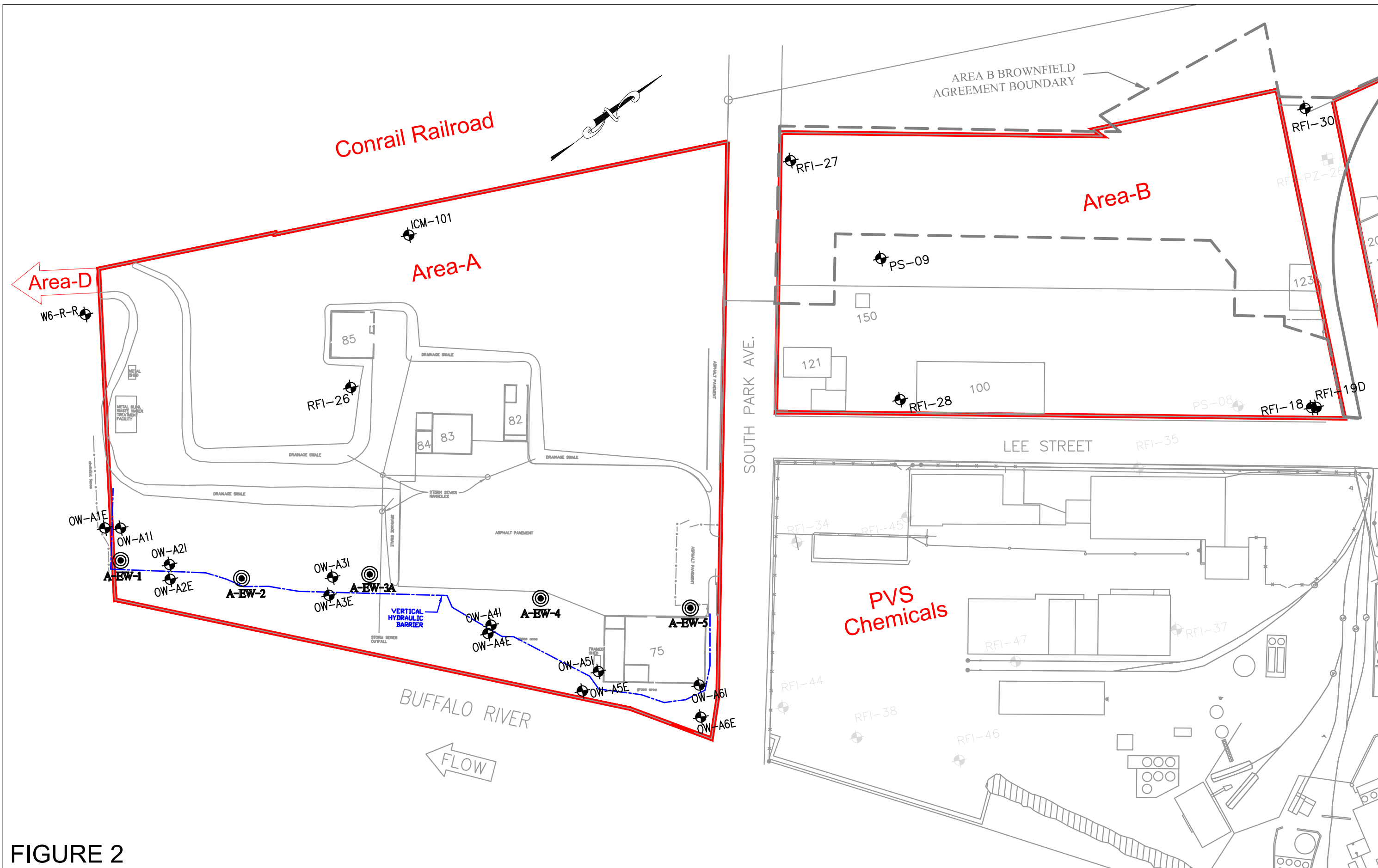


FIGURE 2

ONTARIO SPECIALTY
CONTRACTING INC

FORMER BUFFALO COLOR CORPORATION
AREA A/B GROUNDWATER MONITORING INSTALLATIONS

0 12.5' 25' 110'
1" = 110'
ANSI B 11" = 17"



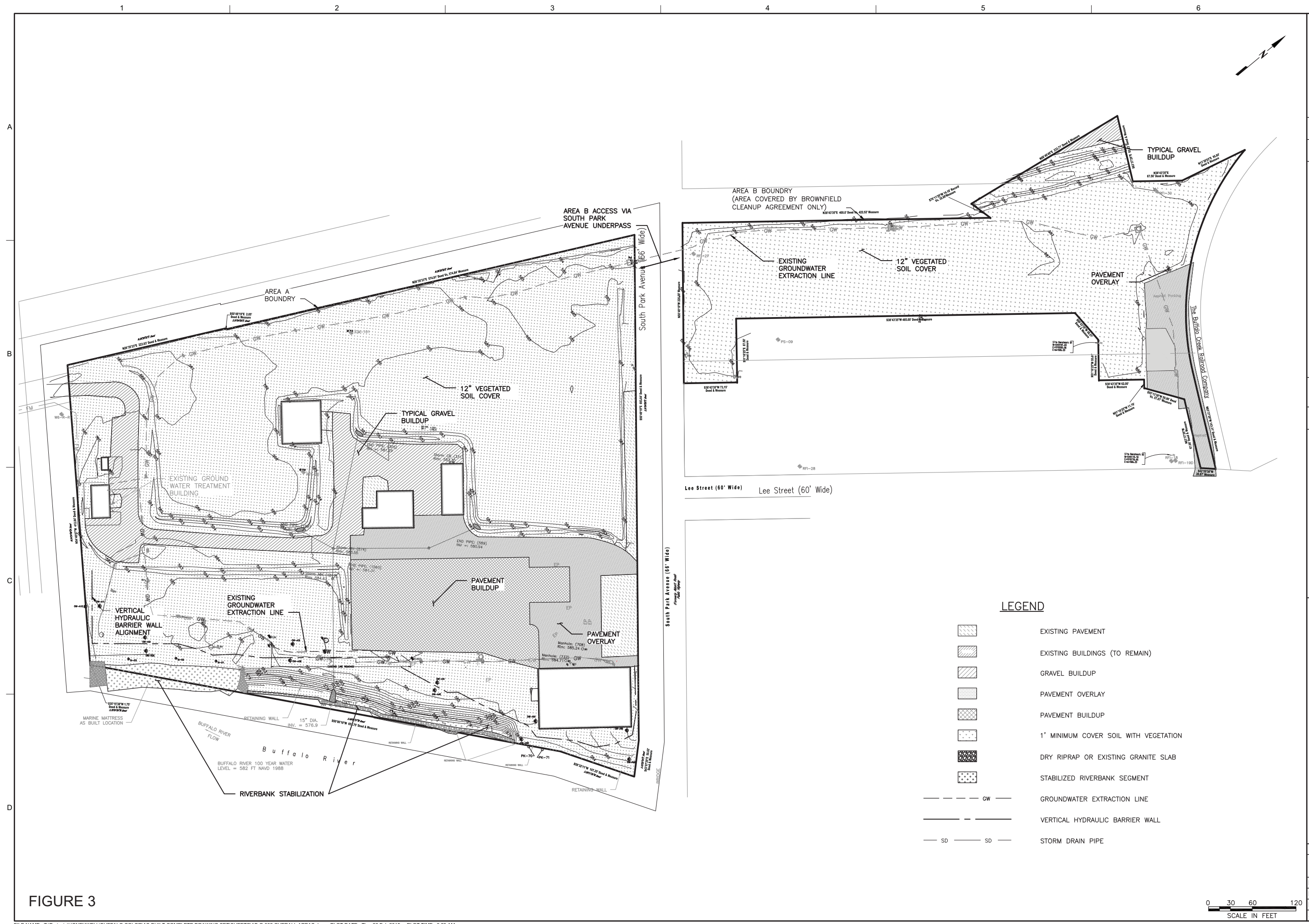


FIGURE 3

SBD South Buffalo Development, LLC 333 Ganson Street Buffalo, New York		FORMER BUFFALO COLOR CORPORATION SITE - AREA A/B NYSDEC BCP SITE NO. C915230 BUFFALO, NY																															
MACTEC Engineering and Consulting, P.C. P.O. Box 7050, 511 Congress Street Buffalo, NY 14203 (716) 835-5401		AS-BUILT DRAWING OVERALL AREAS A & B PROJECTS PLAN																															
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING		DATE 10/28/2013 PROJ 3410090701 DWG G-002 SHEET 2 OF 6																															
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<p>THIS DRAWING IS THE PROPERTY OF MACTEC, INCLUDING ALL PATENTED AND PATENTABLE FEATURES, AND/OR CONFIDENTIAL INFORMATION AND ITS USE IS CONDITIONED UPON THE USER'S AGREEMENT NOT TO REPRODUCE THE DRAWING IN WHOLE OR PART, NOR THE MATERIAL DESCRIBED THEREON, NOR THE USE OF THE DRAWING FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY MACTEC.</p>																																	

ATTACHMENT A

PRR NOTICE IC/EC CONTROLS CERTIFICATION FORM



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



	Site Details	Box 1
Site No. C915230		
Site Name Buffalo Color Corporation Site Areas A & B		
Site Address: 1337 So. Park Ave, 1002 So. Park, 145 Prenatt St. Zip Code: 14210		
City/Town: Buffalo		
County: Erie		
Site Acreage: 13.2		
Reporting Period: October 05, 2016 to October 05, 2017		
		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"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?		<input type="checkbox"/> <input checked="" type="checkbox"/>
		Box 2
		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"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.		
A Corrective Measures Work Plan must be submitted along with this form to address these issues.		
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date

		Box 2A	
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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. C915230	Box 3
Description of Institutional Controls	

Parcel

Owner

Institutional Control

122.12-1-30

HDC Holdings, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

The Site Management Plan includes:

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

122.12-1-33.11

HDC Holdings, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

The Site Management Plan includes:

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

122.12-1-35

HDC Holdings, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

The Site Management Plan includes:

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

122.16-1-9

HDC Holdings, LLC

Ground Water Use Restriction
Soil Management Plan

Landuse Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

The Site Management Plan includes:

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

Box 4

Description of Engineering Controls

Parcel

Engineering Control

122.12-1-30

Groundwater Treatment System
Cover System
Groundwater Containment
Fencing/Access Control

Engineering Controls for the site include:

- A vertical hydraulic barrier wall combined with an optimized groundwater extraction system for contaminated groundwater containment;
- A groundwater treatment system for treatment of extracted contaminated groundwater;
- A new water-tight stormsewer system; and
- An integrated site cover system.

122.12-1-33.11

Groundwater Treatment System
Cover System
Groundwater Containment
Fencing/Access Control

Engineering Controls for the site include:

- A vertical hydraulic barrier wall combined with an optimized groundwater extraction system for contaminated groundwater containment;
- A groundwater treatment system for treatment of extracted contaminated groundwater;
- A new water-tight stormsewer system; and
- An integrated site cover system.

122.12-1-35

Groundwater Treatment System
Cover System
Groundwater Containment
Fencing/Access Control

Engineering Controls for the site include:

- A vertical hydraulic barrier wall combined with an optimized groundwater extraction system for contaminated groundwater containment;
- A groundwater treatment system for treatment of extracted contaminated groundwater;
- A new water-tight stormsewer system; and
- An integrated site cover system.

122.16-1-9

Groundwater Treatment System
Cover System
Groundwater Containment
Fencing/Access Control

Engineering Controls for the site include:

- A vertical hydraulic barrier wall combined with an optimized groundwater extraction system for contaminated groundwater containment;

Parcel

Engineering Control

- A groundwater treatment system for treatment of extracted contaminated groundwater;
- A new water-tight stormsewer system; and
- An integrated site cover system.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES NO

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

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

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

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

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

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

YES NO

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C915230

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

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

am certifying as OWNER (Owner or Remedial Party)

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



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

11/3/17
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

John P. Black at 481 Craneside Dr. Herndon, Va
print name print business address

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



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



11/3/2019
Date

ATTACHMENT B
SITE INSPECTIONS

Pre-Inspection Data		Areas A&B Cover System; Riverbank; & Site-Wide Compliance Inspection																					
		Weather		Site Conditions		Covewr System (OK / Comment)				Riverbank (OK / Comment)				Site-Wide Compliance (OK / Comment)			Areas A&B Additional Notes						
Date	Associate(s)	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)	Areas A&B Soil Cover Integrity	Areas A&B Grass / Vegetation	Areas A&B Gravel Cover Integrity	Areas A&B Outdoor Paved Areas	Areas A&B Occupied Basement Slabs	Area A Storm Drainage System & Structures	Area A Shoreline Erosion Protection (Vegetation / Riprap)	Area A Shoreline Soil Slope Integrity	Northern Concrete Retaining Wall Geodetic Survey	Northern Concrete Retaining Wall Condition		Marine Mattress Top of Slope Geodetic Survey	Area A Vertical Hydraulic Barrier Monitoring Program	Areas A&B Groundwater Monitoring Program	Areas A&B Site Records	Areas A&B O&M Schedule	Areas A&B Institutional Site Use Restrictions
																	Cloud Cover (Clear / Pt. Cloudy / Overcast)						
Wed 3/30/2016	Tom Wagner(TW)	No	None	52	Wet	None	OK	OK	OK	None	OK	OK	Grass growing	OK	OK	OK	OK	OK	OK	OK	OK	OK	Winter, Dormant Knotweed
Tue 6/21/2016	Tom Wagner	Yes	None	78	Dry	None	OK	OK	OK	None	OK	OK	Waicmg existing plants	OK	OK	OK	OK	OK	OK	OK	OK	OK	Knotweed growth: will evaluate
Mon 9/26/2016	Tom Wagner	No	None	72	Dry	None	OK	OK	OK	None	OK	OK	Waicmg existing plants	OK	OK	OK	OK	OK	OK	OK	OK	OK	Injected Jap. Knotweed with Weed killer, will evaluate
Tue 11/29/2016	Tom Wagner	Yes	None	52	Dump	Low	OK	OK	OK	None	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	Winter, Dormant Knotweed

ATTACHMENT C
SHORELINE SURVEY MONITORING REPORT

Seco Mini Prism
L. Star
N=104352.60
E=107815.69
Elev=653.41

Seco Mini Prism
L. Star
N=104310.21
E=107816.72
Elev=654.29

11
Spike
N=104263.95
E=107813.82
Elev=642.56

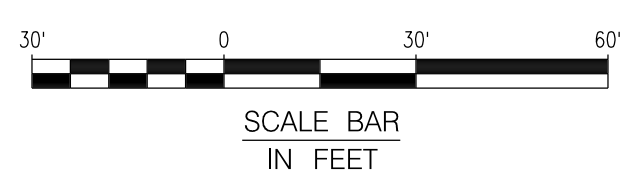
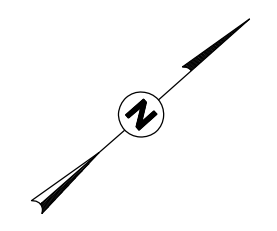
10
Spike
N=104219.98
E=107816.28
Elev=641.61

Original Observations 9-16-2014

SI-02 Top Casing = 587.24 Mark on Core = 587.03 102 Well E=107829.09 103 Well E=1078079.75	SI-02 Top Casing = 587.45 Mark on Core = 587.43 102 Well E=1078120.03	SI-02 Top Casing = 587.91 Mark on Core = 587.66 103 Well E=1078091.43 104 Well E=1078151.97
--	--	---

Marine Mattress

12
N=104292.79
E=107848.16
Elev=651.19



South Park Avenue (66' Wide)
*Formerly Abbott Road /
Public Highway*

Niagara Boundary
And Mapping Services

761 Cowage Street
Levittown, NY 14092
716-297-9584
Fax 716-297-9586
E-Mail: NBS@NBSRAGL.COM

Serving Western New York
for over 35 years.

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ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS
THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

Map
Showing Site Monitoring Points
Area A
South Buffalo Development

LOT	SECTION	TOWNSHIP	RANGE
City	Buffalo		
COUNTY	Erie		
STATE	New York		
DATE	February 18, 2016		
SCALE	1" = 40'		
JOB NO.	6941068 Monitoring		
RESURVEYED			

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OF THE USE BEYOND THE PARTIES OR PURPOSE
INDICATED IS EXPRESSLY FORBIDDEN WITHOUT
WRITTEN RELEASE OR PERMISSION OF THE UNDERSIGNED.

Kenneth L. Slaggenhaupt Lic. No. 50349

INITIAL SURVEY	Area A Marine Mattress Survey Measurements									Area A Northern Concrete Retaining Wall Survey Measurements					
	SI-01			SI-02			SI-03			PK-70			PK-71		
9/16/2014	1042981.630	1078157.970	587.660	1042941.800	1078120.030	587.430	1042891.090	1078079.150	587.030	1043236.872	1078522.591	583.369	1043248.678	1078537.657	583.425
Date	SI-01 Northing	SI-01 Easting	SI-01 Elevation	SI-02 Northing	SI-02 Easting	SI-02 Elevation	SI-03 Northing	SI-03 Easting	SI-03 Elevation	PK-70 Northing	PK-70 Easting	PK-70 Elevation	PK-71 Northing	PK-71 Easting	PK-71 Elevation
2/18/2016	1042981.683	1078158.110	587.567	1042941.748	1078120.095	587.357	1042891.038	1078079.237	586.888	1043236.863	1078522.601	583.337	1043248.695	1078537.637	583.385

Buffalo River

Secco Mini Prism
L. Star
N=104352.60
E=107815.69
Elev=653.41

Secco Mini Prism
L. Star
N=104310.21
E=107810.72
Elev=654.09

11
Spike
N=104260.95
E=107813.82
Elev=645.56

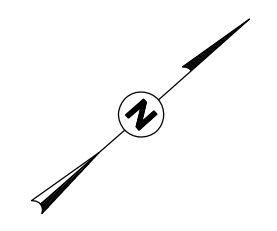
10
Spike
N=104319.98
E=107810.28
Elev=641.61

Original Observations 9-16-2014

SI-02 Top Casing = 587.24 Mark on Core = 587.03 102 Well E=107809.75	SI-02 Top Casing = 587.45 Mark on Core = 587.43 102 Well E=107810.03	SI-02 Top Casing = 587.91 Mark on Core = 587.66 103 Well E=107815.97
---	---	---

Marine Mattress

52
N=104292.79
E=107808.56
Elev=651.91



Niagara Boundary
And Mapping Services

761 Cowage Street
Levittown, NY 14092
716-297-9584
Fax 716-297-9586
E-Mail: NBSM@GMAIL.COM

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Map
Showing Site Monitoring Points
Area A
South Buffalo Development

LOT	SECTION	TOWNSHIP	RANGE
City	Buffalo		
COUNTY	Erie		
STATE	New York		
DATE	May 16, 2016		
SCALE	1" = 40'		
JOB NO.	6941068 Monitoring		
RESURVEYED			

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Kenneth L. Slougenhaupt Lic. No. 50349

INITIAL SURVEY	Area A Marine Mattress Survey Measurements									Area A Northern Concrete Retaining Wall Survey Measurements					
	SI-01			SI-02			SI-03			PK-70			PK-71		
Date	SI-01 Northing	SI-01 Easting	SI-01 Elevation	SI-02 Northing	SI-02 Easting	SI-02 Elevation	SI-03 Northing	SI-03 Easting	SI-03 Elevation	PK-70 Northing	PK-70 Easting	PK-70 Elevation	PK-71 Northing	PK-71 Easting	PK-71 Elevation
9/16/2014	1042981.630	1078157.970	587.660	1042941.800	1078120.030	587.430	1042891.090	1078079.150	587.030	1043236.872	1078522.591	583.369	1043248.678	1078537.657	583.425
5/16/2016	1042981.546	1078158.094	587.671	1042941.770	1078120.099	587.347	1042891.053	1078079.231	586.908	1043236.860	1078522.612	583.347	1043248.678	1078537.665	583.393

South Park Avenue (66' Wide)
Formerly Abbott Road / Public Highway

Buffalo River

Secco Mini Prism
L. Star
N=1043152.40
E=1078152.40
Elev=653.41

Secco Mini Prism
L. Star
N=1043152.41
E=1078152.42
Elev=653.42

11
Spike
N=1042981.63
E=1078152.42
Elev=653.42

10
Spike
N=1042981.59
E=1078152.38
Elev=653.38

Original Observations 9-16-2014

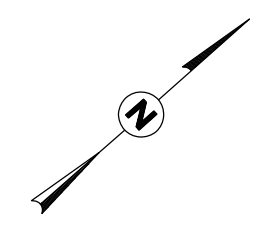
SI-02
Top Casing = 587.24
Mark on Core = 587.03
Well E=1078079.75

SI-02
Top Casing = 587.45
Mark on Core = 587.43
Well E=1078120.03

SI-02
Top Casing = 587.91
Mark on Core = 587.66
Well E=1078151.97

Marine Mattress

12
N=1042922.79
E=1078088.16
Elev=653.19



Niagara Boundary
And Mapping Services

761 Cowage Street
Levittown, NY 14092
716-297-9584
Fax 716-297-9586
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Map
Showing Site Monitoring Points
Area A
South Buffalo Development

LOT	SECTION	TOWNSHIP	RANGE
City	Buffalo		
COUNTY	Erie		
STATE	New York		
DATE	August 5, 2016		
SCALE	1" = 40'		
JOB NO.	6941068 Monitoring		
RESURVEYED			

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Kenneth L. Slougenhaupt Lic. No. 50349

INITIAL SURVEY	Area A Marine Mattress Survey Measurements						Area A Northern Concrete Retaining Wall Survey Measurements								
	SI-01			SI-02			SI-03			PK-70			PK-71		
9/16/2014	SI-01 Northing	SI-01 Easting	SI-01 Elevation	SI-02 Northing	SI-02 Easting	SI-02 Elevation	SI-03 Northing	SI-03 Easting	SI-03 Elevation	PK-70 Northing	PK-70 Easting	PK-70 Elevation	PK-71 Northing	PK-71 Easting	PK-71 Elevation
8/5/2016	1042981.564	1078158.075	587.691	1042941.706	1078120.104	587.460	1042890.954	1078079.235	587.050	1043236.830	1078522.616	583.346	1043248.659	1078537.660	583.383

South Park Avenue (66' Wide)
Formerly South Buffalo Public Highway

Buffalo River

Secco Mini Prism
L. Star
N=104352.60
E=107815.69
Elev=653.41

Secco Mini Prism
L. Star
N=104310.21
E=107816.72
Elev=654.09

11
Spike
N=104250.05
E=107813.82
Elev=642.56

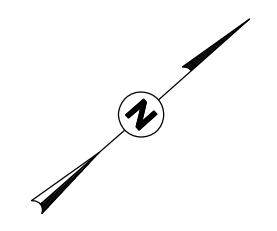
10
Spike
N=104219.98
E=107816.28
Elev=641.61

Original Observations 9-16-2014

SI-02 Top Casing = 587.24 Mark on Core = 587.03 102 Well E=107809.75	SI-02 Top Casing = 587.45 Mark on Core = 587.43 102 Well E=107812.03	SI-02 Top Casing = 587.91 Mark on Core = 587.66 103 Well E=107815.97
---	---	---

Marine Mattress

52
N=104292.79
E=107816.56
Elev=651.91



Niagara Boundary
And Mapping Services

761 Cowage Street
Levittown, NY 14092
716-297-9584
Fax 716-297-9586
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Map
Showing Site Monitoring Points
Area A
South Buffalo Development

LOT	SECTION	TOWNSHIP	RANGE
City	Buffalo		
COUNTY	Erie		
STATE	New York		
DATE	November 23, 2016		
SCALE	1" = 40'		
JOB NO.	6941068 Monitoring		
RESURVEYED			

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Kenneth L. Slougenhaupt Lic. No. 50349

INITIAL SURVEY	Area A Marine Mattress Survey Measurements									Area A Northern Concrete Retaining Wall Survey Measurements					
	SI-01			SI-02			SI-03			PK-70			PK-71		
9/16/2014	1042981.630	1078157.970	587.660	1042941.800	1078120.030	587.430	1042891.090	1078079.150	587.030	1043236.872	1078522.591	583.369	1043248.678	1078537.657	583.425
Date	SI-01 Northing	SI-01 Easting	SI-01 Elevation	SI-02 Northing	SI-02 Easting	SI-02 Elevation	SI-03 Northing	SI-03 Easting	SI-03 Elevation	PK-70 Northing	PK-70 Easting	PK-70 Elevation	PK-71 Northing	PK-71 Easting	PK-71 Elevation
11/23/2016	1042981.555	1078158.098	587.684	1042941.673	1078120.122	587.459	1042890.934	1078079.240	587.047	1043236.857	1078522.616	583.352	1043248.687	1078537.656	583.400

South Park Avenue (66' Wide)
Formerly Abbott Road / Public Highway

Buffalo River

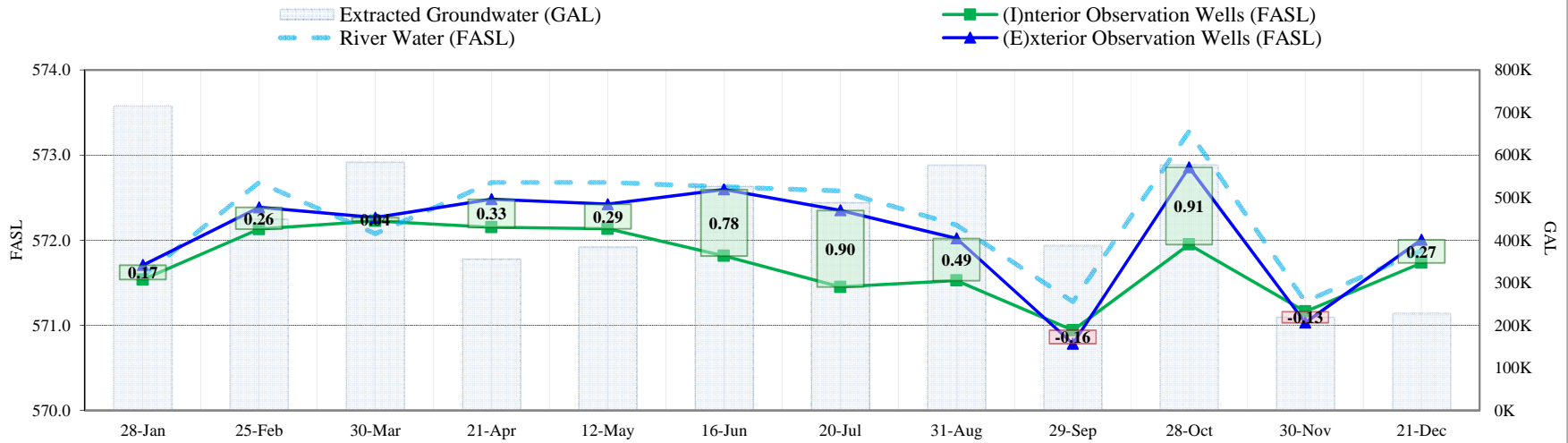
ATTACHMENT D
OBSERVATION WELL HYDROGRAPHS

Buffalo Color, Area A - Buffalo River Water Elevations (FASL), Observation Well Groundwater Elevations (FASL), Elevation Differentials (FT) & Extraction Well Network Totals (GAL)

Abbreviations: River Stadia Rod (RSR), Observation Well (OW), Elevation Differential (ED), Extraction Well (EW)

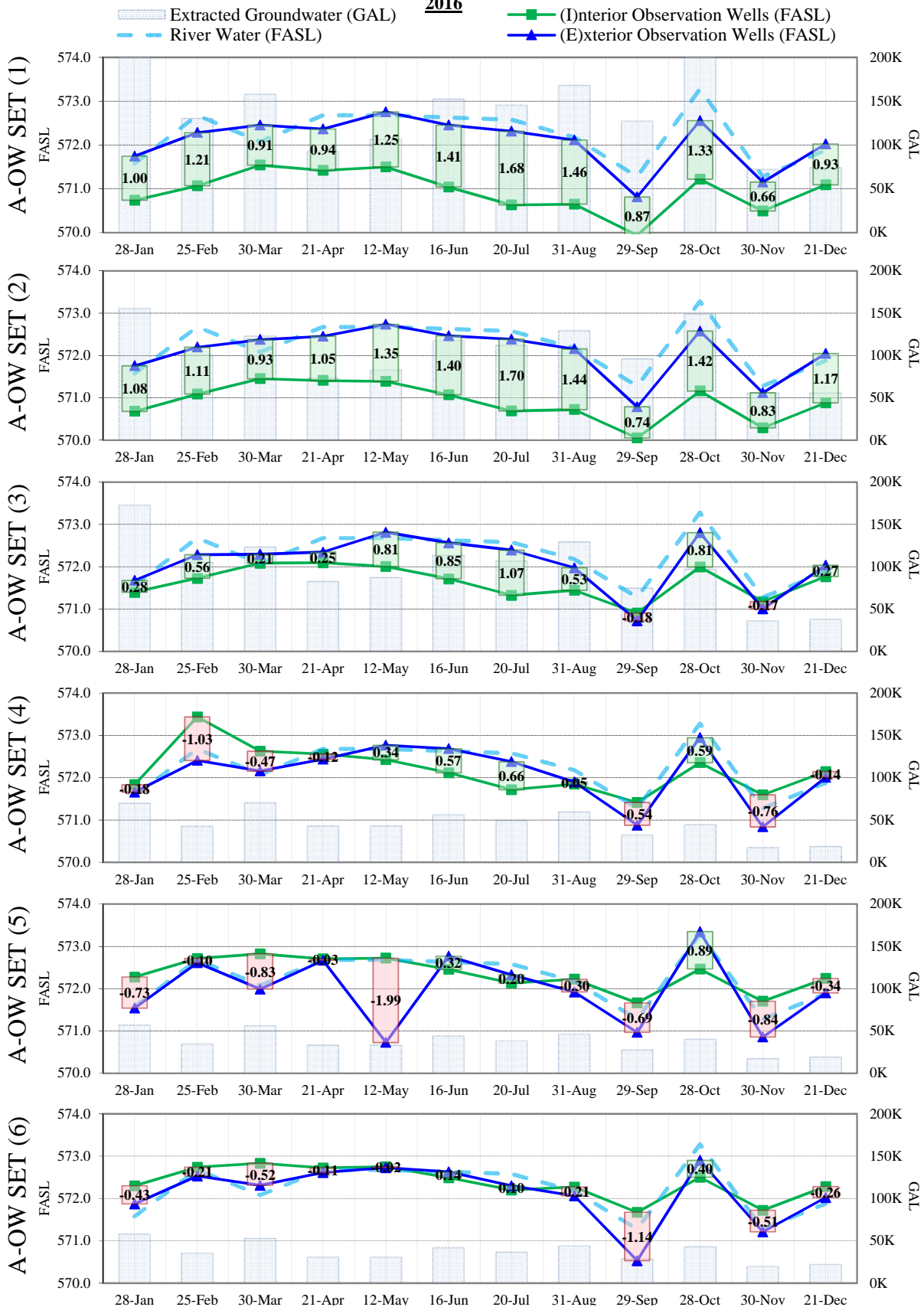
2016	RIVER	A-OW SET (1)			A-OW SET (2)			A-OW SET (3)			A-OW SET (4)			A-OW SET (5)			A-OW SET (6)			AVERAGES			A-EW					
Date	RSR	1I	1E	1ED	2I	2E	2ED	3I	3E	3ED	4I	4E	4ED	5I	5E	5ED	6I	6E	6ED	I	E	ED	1	2	3A	4	5	TOTAL
28-Jan	571.58	570.74	571.75	1.00	570.68	571.76	1.08	571.40	571.68	0.28	571.84	571.66	-0.18	572.27	571.54	-0.73	572.30	571.87	-0.43	571.54	571.71	0.17	348,040	37,609	241,046	7,409	82,017	716,121
25-Feb	572.68	571.07	572.29	1.21	571.09	572.20	1.11	571.73	572.29	0.56	573.44	572.41	-1.03	572.71	572.61	-0.10	572.74	572.53	-0.21	572.13	572.39	0.26	224,700	29,692	141,866	2,829	49,852	448,939
30-Mar	572.08	571.54	572.46	0.91	571.45	572.38	0.93	572.09	572.30	0.21	572.63	572.16	-0.47	572.82	571.99	-0.83	572.83	572.31	-0.52	572.23	572.26	0.04	268,344	37,985	151,284	53,594	72,342	583,549
21-Apr	572.68	571.42	572.37	0.94	571.41	572.46	1.05	572.10	572.35	0.25	572.56	572.44	-0.12	572.70	572.67	-0.03	572.72	572.61	-0.11	572.15	572.48	0.33	154,992	22,016	109,459	28,288	40,457	355,212
12-May	572.68	571.50	572.76	1.25	571.39	572.74	1.35	572.01	572.82	0.81	572.43	572.77	0.34	572.72	570.73	-1.99	572.75	572.73	-0.02	572.13	572.42	0.29	181,320	24,683	114,368	24,521	38,764	383,656
16-Jun	572.63	571.04	572.46	1.41	571.07	572.47	1.40	571.72	572.57	0.85	572.12	572.69	0.57	572.45	572.77	0.32	572.49	572.63	0.14	571.81	572.60	0.78	263,908	35,561	142,815	29,911	53,819	526,014
20-Jul	572.58	570.63	572.32	1.68	570.69	572.39	1.70	571.33	572.40	1.07	571.72	572.38	0.66	572.13	572.33	0.20	572.20	572.30	0.10	571.45	572.35	0.90	253,966	33,264	135,603	19,658	45,763	488,254
31-Aug	572.18	570.65	572.12	1.46	570.72	572.16	1.44	571.45	571.98	0.53	571.85	571.90	0.05	572.22	571.92	-0.30	572.27	572.06	-0.21	571.53	572.02	0.49	291,300	37,178	168,108	24,542	55,175	576,303
29-Sep	571.28	569.94	570.82	0.87	570.05	570.79	0.74	570.91	570.73	-0.18	571.42	570.88	-0.54	571.66	570.97	-0.69	571.67	570.53	-1.14	570.94	570.78	-0.16	229,398	28,494	86,429	1,296	41,233	386,850
28-Oct	573.28	571.22	572.56	1.33	571.16	572.58	1.42	572.00	572.81	0.81	572.36	572.95	0.59	572.46	573.35	0.89	572.50	572.90	0.40	571.95	572.86	0.91	375,194	35,512	101,288	0	64,931	576,925
30-Nov	571.28	570.49	571.16	0.66	570.29	571.12	0.83	571.18	571.01	-0.17	571.60	570.84	-0.76	571.70	570.86	-0.84	571.72	571.21	-0.51	571.16	571.03	-0.13	128,440	25,525	31,043	0	33,593	218,601
21-Dec	571.88	571.09	572.03	0.93	570.88	572.05	1.17	571.77	572.04	0.27	572.15	572.01	-0.14	572.24	571.90	-0.34	572.28	572.02	-0.26	571.73	572.01	0.27	133,940	17,317	36,614	0	39,756	227,627
Avg Sum	572.23	570.95	572.09	1.14	570.91	572.09	1.18	571.64	572.08	0.44	572.17	572.09	-0.08	572.34	571.97	-0.37	572.38	572.14	-0.23	571.73	572.08	0.35	2,853,542	364,836	1,459,923	192,048	617,702	5,488,051

Buffalo Color, Area A - Buffalo River Water Elevations, Observation Well Groundwater Elevations & Extraction Well Network Totals
Monitoring Period Averages



Buffalo Color, Area A - Buffalo River Water Elevations, Observation Well Groundwater Elevations & Extraction Well Network Allocations

2016



ATTACHMENT E
GROUNDWATER DATA TABLES AND FIGURES

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroether	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		5	5	5	1	5	-	-
RFI-18	3/27/2014	<1	<1	<1	<1	<1	0	0.7
	6/23/2014	<1	<1	<1	<1	<1	10.9	11.51
	9/4/2014	<1	<1	<1	<1	<1	0	12.3
	11/12/2014	<1	<1	<1	<1	<1	0	4.95
	3/31/2015	<1	<1	<1	<1	<1	0	4.6
	6/4/2015	<1	<1	<1	<1	1.7	1.87	15.3
	9/1/2015	<1	<1	<1	<1	<1	0.16	9.4
	11/9/2015	<1	<1	<1	<1	<1	0.18	4.9
	3/14/2016	<1	<1	<1	<1	<1	0	3.5
	5/26/2016	<1	<1	<1	<1	<1	0	3.95
	9/6/2016	<1	<1	<1	<1	<1	0	5.94
11/2/2016	<1	<1	<1	<1	<1	0.24	0.76	
RFI-27	3/27/2014	870	64	1.6	0.5 J	3.8	942.8	0
	6/23/2014	680	53	<10	<10	<10	733	1.76
	9/4/2014	620	55	<10	<10	<10	675	0
	11/12/2014	1000	70	<10	<10	9.8 J	1079.8	3.87
	3/31/2015	540	40	<20	<20	<20	580	0
	6/4/2015	610	53	<20	<20	<20	663	2.28
	9/1/2015	770	55	0.89 J	0.71 J	4.8	843.1	1.1
	11/9/2015	820	62	<20	<20	<20	882	0
	3/14/2016	520	44	<8	<8	<8	564	1.8
	5/26/2016	510 J	45	1.1 J	0.41 J	2.9 J	567.81	0
	9/6/2016	820	73	<8	<8	6.5 J	899.5	0
11/2/2016	840	82	<20	<20	<20	922	0	
RFI-28	3/27/2014	<10	<10	<10	<10	<10	0	7.69
	6/24/2014	14	<10	<10	<10	<10	14	9.33
	9/4/2014	<10	<10	<10	<10	<10	0	13
	11/12/2014	<10	<10	<10	<10	<10	0	16.61
	3/31/2015	<4	<4	<4	<4	<4	0	8.7
	6/4/2015	<4	<4	<4	<4	<4	0	8.23
	9/1/2015	<4	<4	<4	<4	<4	1.1	8.65
	11/9/2015	<4	<4	<4	<4	<4	0	8.86
	3/14/2016	<2	<2	<2	<2	<2	0	6.7
	5/26/2016	<1	<1	<1	<1	<1	3.92	5.14
	9/6/2016	<1	<1	<1	<1	<1	4.45	7
11/2/2016	<2	<2	<2	<2	<2	8	12.1	
RFI-30	3/27/2014	0.96 J	<1	<1	<1	<1	0.96	0
	6/23/2014	<1	<1	<1	<1	<1	0	0.94
	9/4/2014	<1	<1	<1	<1	<1	0	0
	11/12/2014	<1	<1	<1	<1	<1	0	22.74
	3/31/2015	<1	<1	<1	<1	<1	3	0
	6/4/2015	<1	<1	<1	<1	<1	0	2.37
	9/1/2015	<1	<1	<1	<1	<1	4.7	19.7
	11/9/2015	<1	<1	<1	<1	<1	0	9.76
	3/14/2016	<1	<1	<1	<1	<1	0	0.59
	5/26/2016	<1	<1	<1	<1	<1	0	0
	9/6/2016	<1	<1	<1	<1	<1	0	0
11/2/2016	<1	<1	<1	<1	<1	0	0	

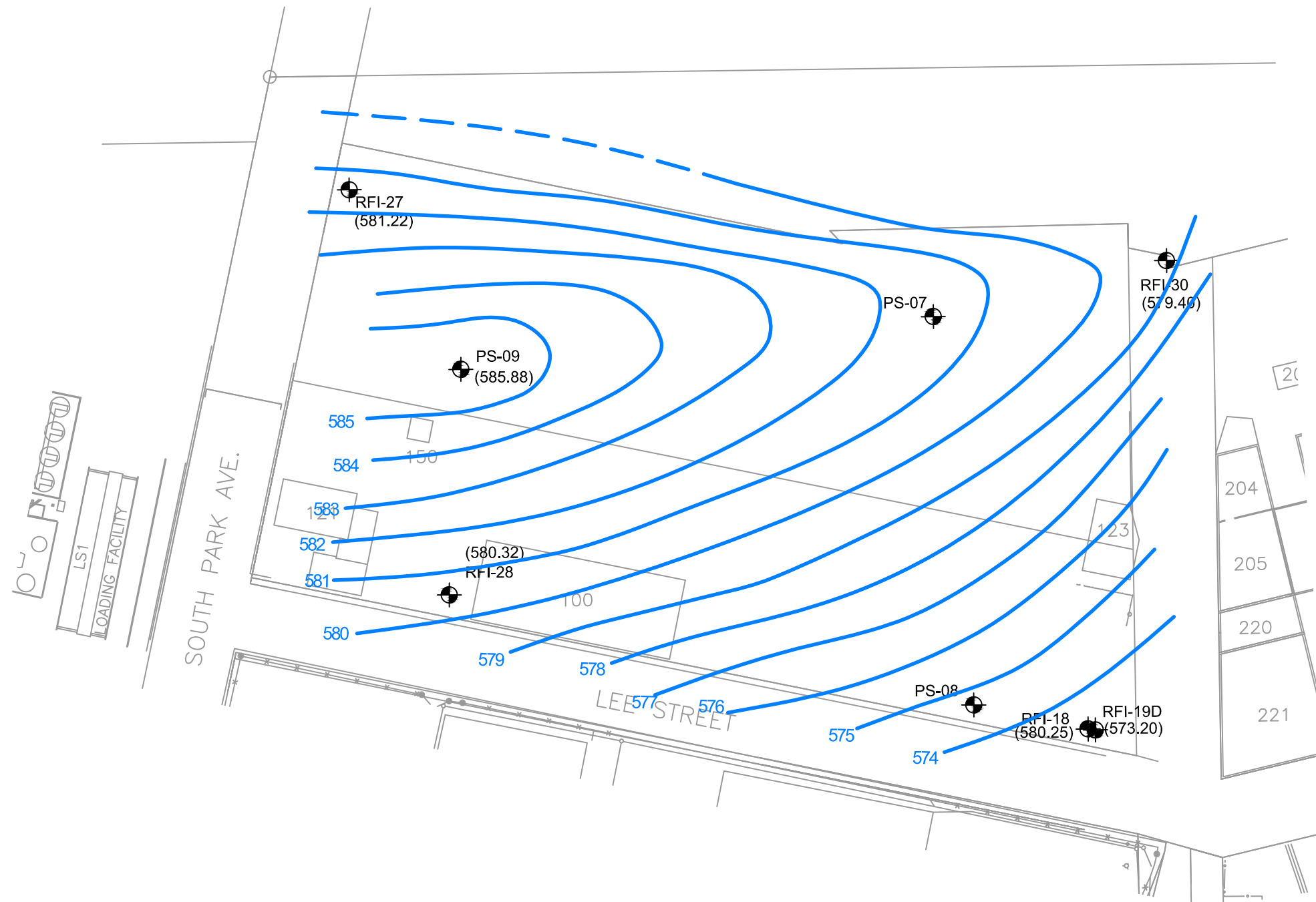
Notes:

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.

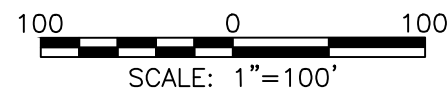
Results are shown in ug/L.


LEGEND

RFI-28
(580.40) Monitoring Well Location with
Groundwater Elevation (FT-MSL)







Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\01 FIGURE 1 - B FIRST QUARTER VOC.dwg Wed, 19 Jul 2017 - 1:19pm john.french



<p>SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843</p>	<p>Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106</p> 	<p>FIRST QUARTER 2016 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - B Figure: 1</p>	1
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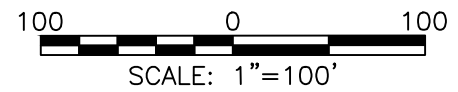



LEGEND

-  RFI-28 (0.0) Monitoring Well Location with Total VOC Concentration ug/L
-  Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)
-  Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)
-  Total VOC Concentrations > 500 ug/L (Dashed where inferred)



Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\05 FIGURE 2 - B FIRST QUARTER VOC.dwg Tue, 18 Jul 2017 - 11:18am john.french



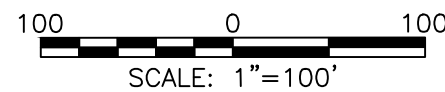
<p style="text-align: center;">SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK</p> <p>Project No.: 3410110843</p>	<p style="text-align: center;">Environment & Infrastructure - Pittsburgh</p> <p style="text-align: center;">800 North Bell Avenue Carnegie, Pennsylvania 15106</p>		<p style="text-align: center;">FIRST QUARTER 2015 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B</p> <p>Figure: 2</p>	<p>2</p>
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LEGEND

RFI-28
(580.40) Monitoring Well Location with
Groundwater Elevation (FT-MSL)



Z:\Projects\HONEYWELL\BUFFALO COLOR\SBDArea B C & E Quarterly Reports VOC'S\Sheets\2016\02 FIGURE 2 - B SECOND QUARTER VOC.dwg Wed, 19 Jul 2017 - 1:19pm john.french



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

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







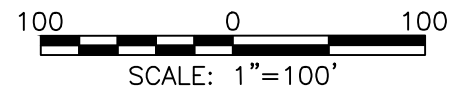
SECOND QUARTER 2016
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - B


Figure: 1

Z:\Projects\HONEYWELL\BUFFALO COLOR\SBDArea B C & E Quarterly Reports VOC'S\Sheets\06 FIGURE 2 - B SECOND QUARTER VOC.dwg Tue, 18 Jul 2017 - 11:20am john.french

LEGEND

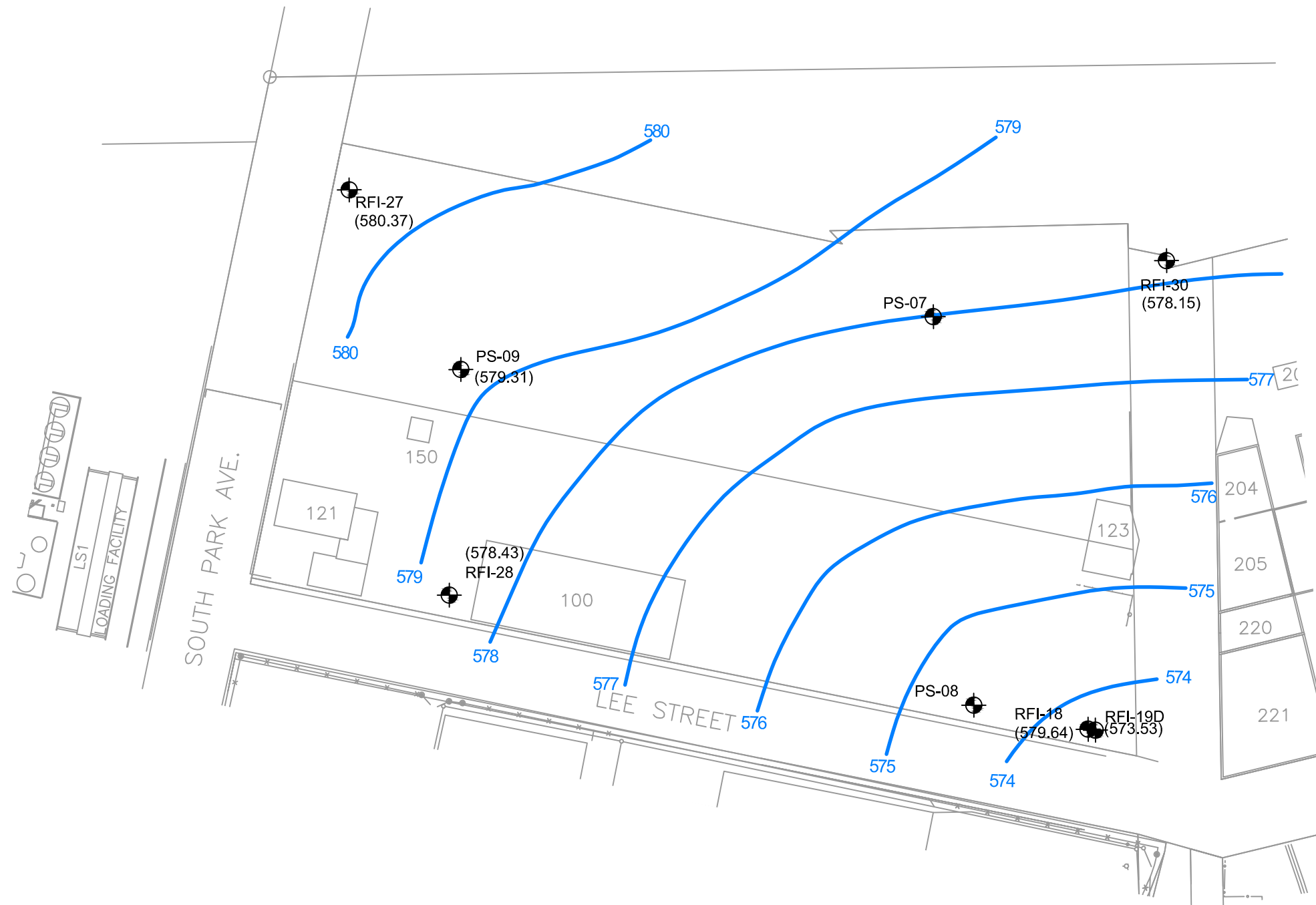
-  Monitoring Well Location with Total VOC Concentration ug/L
-  Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)
-  Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)
-  Total VOC Concentrations > 500 ug/L (Dashed where inferred)



<p>SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK</p> <p>Project No.: 3410110843</p>	<p>Environment & Infrastructure - Pittsburgh</p> <p>800 North Bell Avenue Carnegie, Pennsylvania 15106</p>		<p>SECOND QUARTER 2015 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B</p> <p>Figure: 2</p>	<p>2</p>
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LEGEND

RFI-28 (580.40) Monitoring Well Location with Groundwater Elevation (FT-MSL)



Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\03 FIGURE 3 - B THIRD QUARTER VOC.dwg Wed, 19 Jul 2017 - 1:21pm john.french

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843

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







THIRD QUARTER 2016
GROUNDWATER
MONITORING EVENT
GROUNDWATER ELEV CONTOURS
BUFFALO COLOR AREA - B

Figure: 1

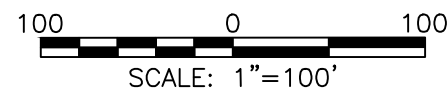



LEGEND

-  RFI-28 (0.0) Monitoring Well Location with Total VOC Concentration ug/L
-  Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)
-  Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)
-  Total VOC Concentrations > 500 ug/L (Dashed where inferred)



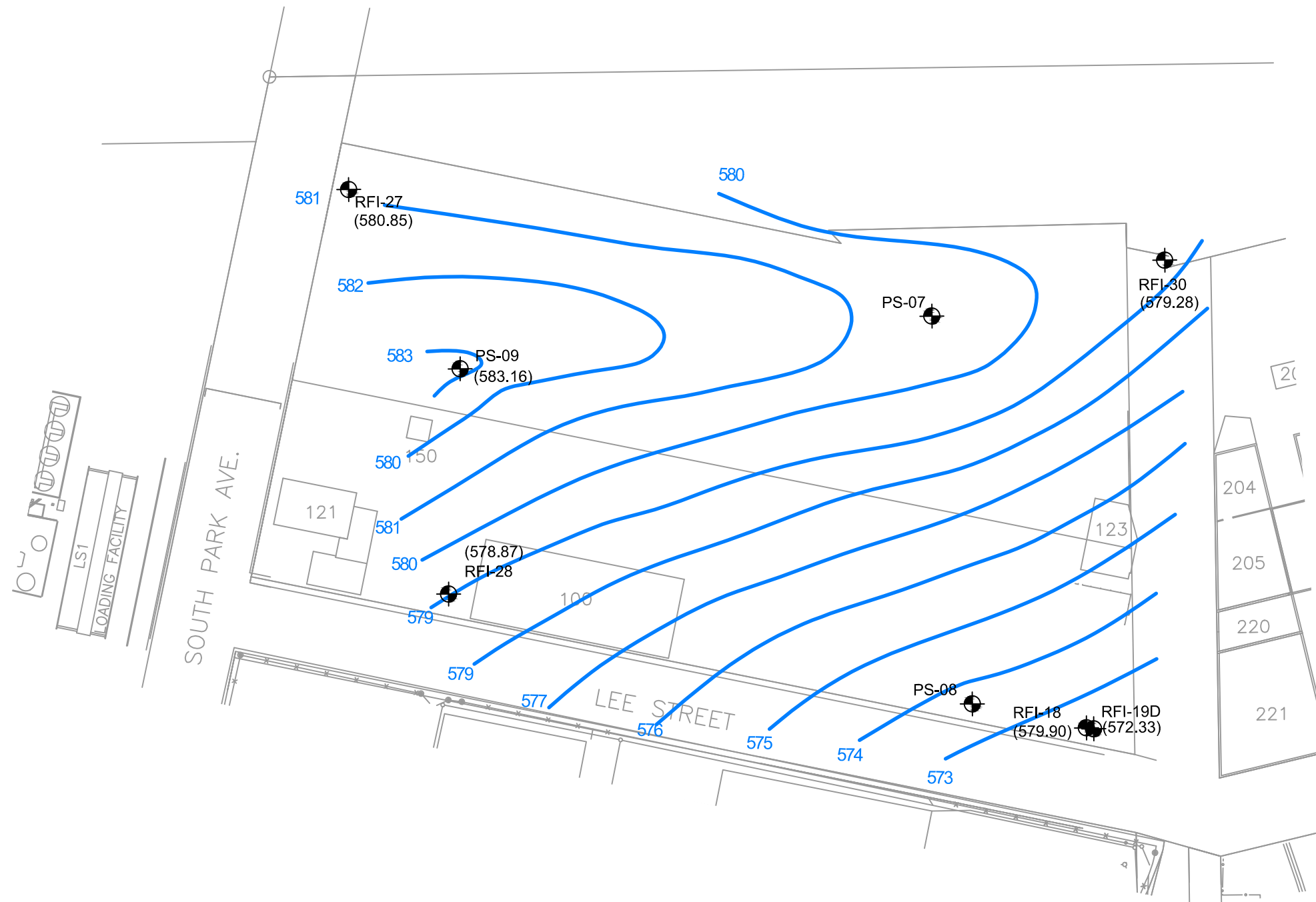
Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\07 FIGURE 2 - B THIRD QUARTER VOC.dwg Tue, 18 Jul 2017 - 11:21am john.french



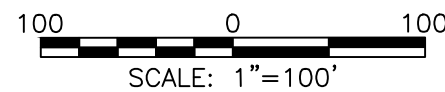
<p style="text-align: center;">SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK</p> <p>Project No.: 3410110843</p>	 <p>Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106</p>	<p>THIRD QUARTER 2015 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B</p> <p>Figure: 2</p>	<p>2</p>
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LEGEND

RFI-28 (580.40) Monitoring Well Location with Groundwater Elevation (FT-MSL)







Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\2016\04 FIGURE 4 - B FOURTH QUARTER VOC.dwg Wed, 19 Jul 2017 - 1:42pm john.french

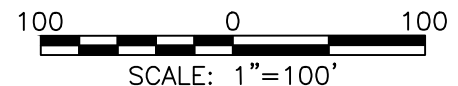



<p>SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843</p>	<p>Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106</p> 	<p>FOURTH QUARTER 2016 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - B Figure: 1</p>	<p>1</p>
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Z:\Projects\HONEYWELL\BUFFALO COLOR\SBD AREA B C & E Quarterly Reports VOC'S\Sheets\08 FIGURE 2 - B FOURTH QUARTER VOC.dwg Tue, 18 Jul 2017 - 11:22am john.french

LEGEND

-  Monitoring Well Location with Groundwater Elevation (FT-MSL)
-  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)



<p>SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK</p> <p>Project No.: 3410110843</p>	<p>Environment & Infrastructure - Pittsburgh</p> <p>800 North Bell Avenue Carnegie, Pennsylvania 15106</p> 	<p>FOURTH QUARTER 2015 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B</p> <p>Figure: 2</p>	<p>2</p>
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ATTACHMENT F
DISCHARGE MONITORING REPORTS



April 29, 2016

Leslie Sedita
Industrial Waste Administrator
Buffalo Sewer Authority
90 West Ferry Street
Buffalo, New York, 14213

**Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #14-06-BU109
OSC Project ID: 16011**

Dear Ms. Sedita:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of January 1, 2016 through March 31, 2016. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #14-06BU109.

Included with the report are:

- Operation log sheets;
- A copy of the current BSA discharge permit;
- Schematic showing the location for monitoring and sampling;
- Summary of the discharge flow by month;
- Comparison of analytical data to permit limits; and
- Analytical laboratory results.

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

Sincerely,

Kirsten Colligan
Project Manager - *Ontario Specialty Contracting, Inc.*

cc: Richard Galloway
Eugene Melnyk
John Yensan
Daniel Forlastro

Honeywell
NYSDEC Region 9
South Buffalo Development, LLC
AMEC Environment & Infrastructure

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York, 14213**

**B.P.D.E.S. Permit No. #14-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: January 1, 2016 through March 31, 2016**

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the Effluent No. 1 and Effluent No. 2 flow totalizers, which includes any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by TestAmerica located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:

January 2016	545,818 gallons
February 2016	437,031 gallons
March 2016	491,793 gallons

Total Quarterly Discharge 1,474,643 gallons

Estimated Area D contribution this period:

5,161 gallons

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

Attachments:

BSA Permit Analytical Summary Table, BSA Discharge Permit, Monitoring and Sampling Schematic, Laboratory Analytical Results, and Field Data Collection Sheets

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No.	14-06-BU109	Effective June 1, 2014
Sample Date:	2/4/2016	
Sample Location:	Onsite Pump Station to BSA	

Year: 2016
Month: MAR

Event Group: SUMP
Lab Job ID: J94813-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	8.15	0.100	SU	8.15	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	2.40	2.0	mg/L	2.4	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.011	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.011	Yes
Total Chromium	7440-47-3	0.0035	0.0040	mg/L	0.0005	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0047	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0047	Yes
Lead	7439-92-1	ND	0.0050	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0039	0.010	mg/L	0.0005	lbs/day	1.17	lbs/day	Yes	14	0.0039	Yes
Zinc	7440-66-6	0.0074	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.007	Yes
Amendable Cyanide	CAN	ND	0.010	mg/L	ND	lbs/day	2.59	lbs/day	Yes	6.2	ND	Yes
Total PCB	Sum Method_E608	ND	0.059	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	6.1	1900	ug/L	0.0008	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	ND	25	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	3.2	25	ug/L	0.0004	lbs/day	0.129	lbs/day	Yes	0.31	0.00	Yes
1,2-Dichlorobenzene	95-50-1	ND	9.4	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	4.7	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	0.47	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	3	25	ug/L	0.003	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	ND	4.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.057	0.010	mg/L	0.057	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	11.38	-	gpm	16,385	gpd	50,000	gpd	Yes			

*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L.

**Analyzed by total phosphorus method SM 4500-P E

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations		
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	25,684,478	1/1/2016
Final Reading	27,159,121	3/31/2016
Total Days in Period	90	
Total Flow for Period	1,474,643	gallons
Average Flow for Period	11.38	gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES
1038 CITY HALL
65 NIAGARA SQUARE
BUFFALO, NY 14202-3378
PHONE: (716) 851-4664
FAX: (716) 856-5810

WASTEWATER TREATMENT PLANT
FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 883-1820

February 11, 2014



Andrew Madden
Manager
South Buffalo Development, LLC.
333 Ganson Street
Buffalo, New York 14203

Re: BPDES Permit No. 14-06-BU109

Dear Mr. Madden:

Enclosed is your BPDES Permit No. 14-06-BU109. This permit is issued by the BSA and allows your facility to discharge process wastes to the sanitary sewers.

This original permit must be maintained at your Buffalo facility and must be available for inspection at all times. It is your responsibility to assure continual compliance with the terms and conditions of this permit. Finally, you must apply for renewal at least six (6) months before this permit expires.

If you have any questions, please call Dennis W. Young at 851-4664, ext. 5256.

Very truly yours,

By:

Leslie Sedita
Industrial Waste Administrator
Industrial Waste Section

cc: M. Letina

I:\WPD\JK\SBDLLC1406bu109permittr

**AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO
POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**PERMIT NO. 14-06-BU109
EPA 40CFR 403**

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the Sewer Regulations of the Buffalo Sewer Authority, authorization is hereby granted to:

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

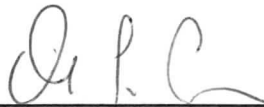
**Areas A and D of the former Buffalo Color Corporation Site
1037 South Park Avenue, Buffalo, New York 14210**

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 4, 2014** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2014

To Expire May 31, 2017



General Manager

Signed this 16th day of February, 2014

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfalls (see attached maps) shall be limited and monitored **Quarterly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe Flow	Quarterly
	Total Flow	50,000 gals		Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test ⁽⁶⁾				Quarterly
	Methods 624			Grab ⁽⁷⁾	
	Base/Neutrals & Acid ⁽⁸⁾				Quarterly
	Extractable-EPA Tests Method 625			Composite	
	Total PCB's	0.000 lbs	0.002	Composite	Quarterly
	Aniline	50.0 lbs	0.00	Composite	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Composite	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Composite	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Composite	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Composite	Quarterly
	Acenaphthylene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	Maid*	Type	Frequency
	Fluorene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Phenanthrene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

*M.A.I.D. – Maximum Allowable Instantaneous Discharge – Slug Limit.
 SEE PAGE FOUR (4) FOR EXPLANATION OF SPECIFIC REQUIREMENTS.

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, discharge monitoring results shall be summarized and reported quarterly by the permittee on the days specified below:

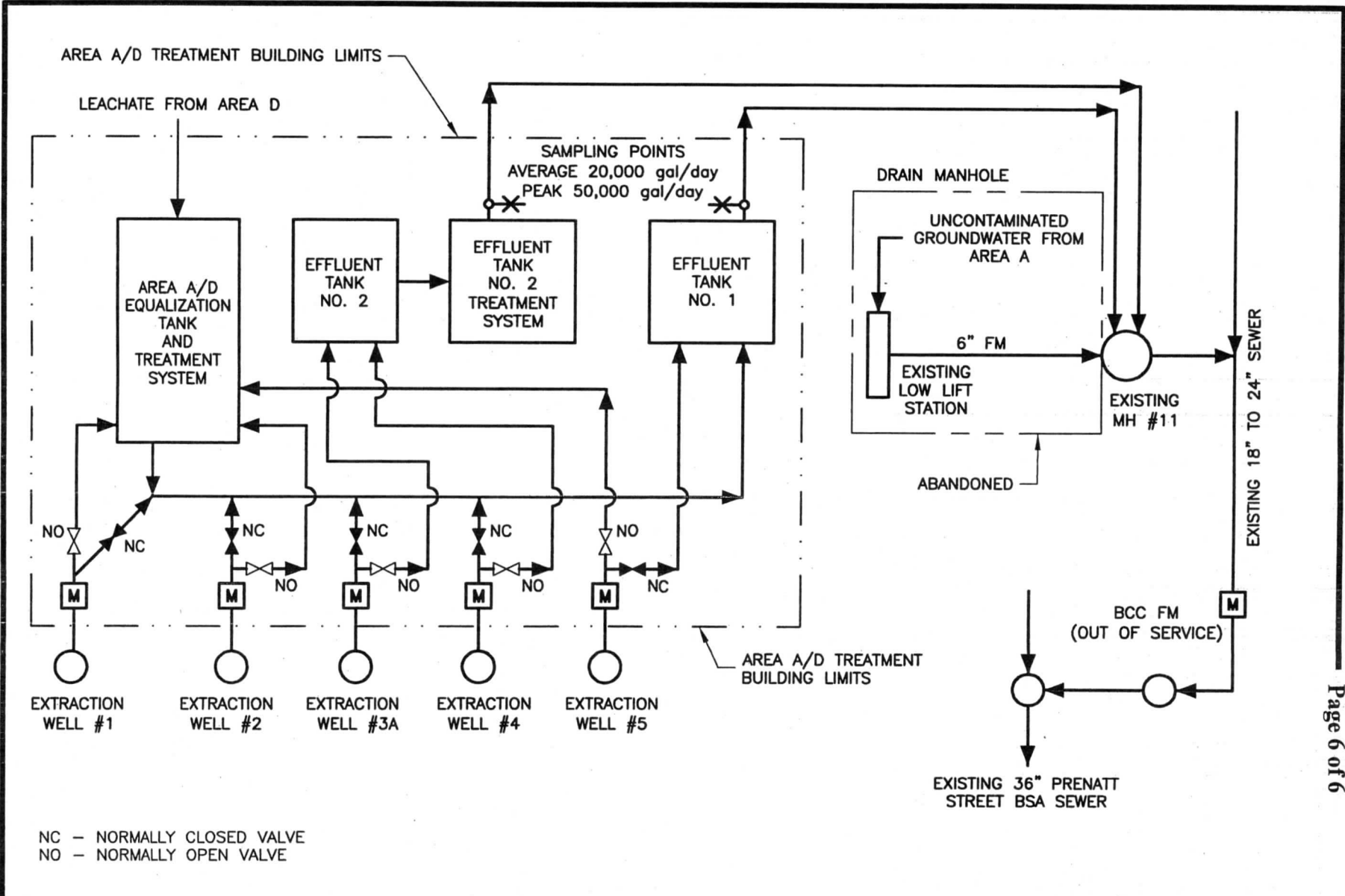
Sample Point	Parameter	Reporting Requirements	
		Initial Report	Subsequent Reports
001	All analytes	July 31, 2011	Every July 31, October 31, January 31, April 30**

** Each reporting dated is for samples collected during the previous quarter.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

- (1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.
- (2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more than 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.
- (3) Surchargeable limit only.
- (4) Composite samples may be flow proportioned.
- (5) EPA Test Method 604.
- (6) The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.
- (7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.
- (8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater than 0.01 mg/L.



FORMER BUFFALO COLOR CORPORATION
 SITE
 BUFFALO, NY



GROUNDWATER
 EXTRACTION SYSTEM
 PROCESS FLOW DIAGRAM
 Figure 1

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

2. Definitions

Definitions of terms contained in this permit are as defined in the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet".

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet".

5. Additional Monitoring by Permittee

If the permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York 14213**

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet". These reporting requirements shall not relieve the permittee of any other reports, which may be required by the N.Y.S.D.E.C. or the U.S.E.P.A.

7. Certification Statement

All self-monitoring reports shall include the following certification statement, signed by the preparer of the report:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

B. PERMITTEE REQUIREMENTS

1. Change in Discharge [revised 08/2013]

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the BPDES permit application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new BPDES Permit application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge. A Baseline Monitoring Report shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet".

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager.

3. Spill Prevention and Control Plan [added 08/2013]

The permittee shall have a plan to prevent and control spills into the sewer system. The plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet"

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM – 3:00 PM call 851-4661, ext. 5374. After 3:00 PM call ext. 851-4664, ext. 600. If requested by the B.S.A., Within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification [Revised 08/2013]

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 883-1820 851-4664, ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall also provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. a description of the discharge and cause of noncompliance and;
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

Additionally, the permittee shall repeat the sampling and analysis and submit these results of the report analysis to the Industrial Waste Section within 30 days after

becoming aware of the violation.

6. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

7. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo Sewer System.

8. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

9. Treatment Upsets

- a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:
- (i) A description of the upset, its cause(s) and impact on the discharger's compliance status;
 - (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;
 - (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

- b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

- a. A bypass of the treatment system is prohibited unless the following conditions are met:
 - (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or
 - (ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and
 - (iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.
- b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent its recurrence.
- c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority

and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

- a. Violation of any terms or conditions of this permit,
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the permittee from any requirements, liabilities, or penalties under provisions of the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to \$10,000.00 per day for each violation. Any person who willfully or negligently violates permit

conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the permittee is required to notify the Industrial Waste Section in writing as soon as an anticipated closure date is determined, but in no case later than five days of the actual closure.

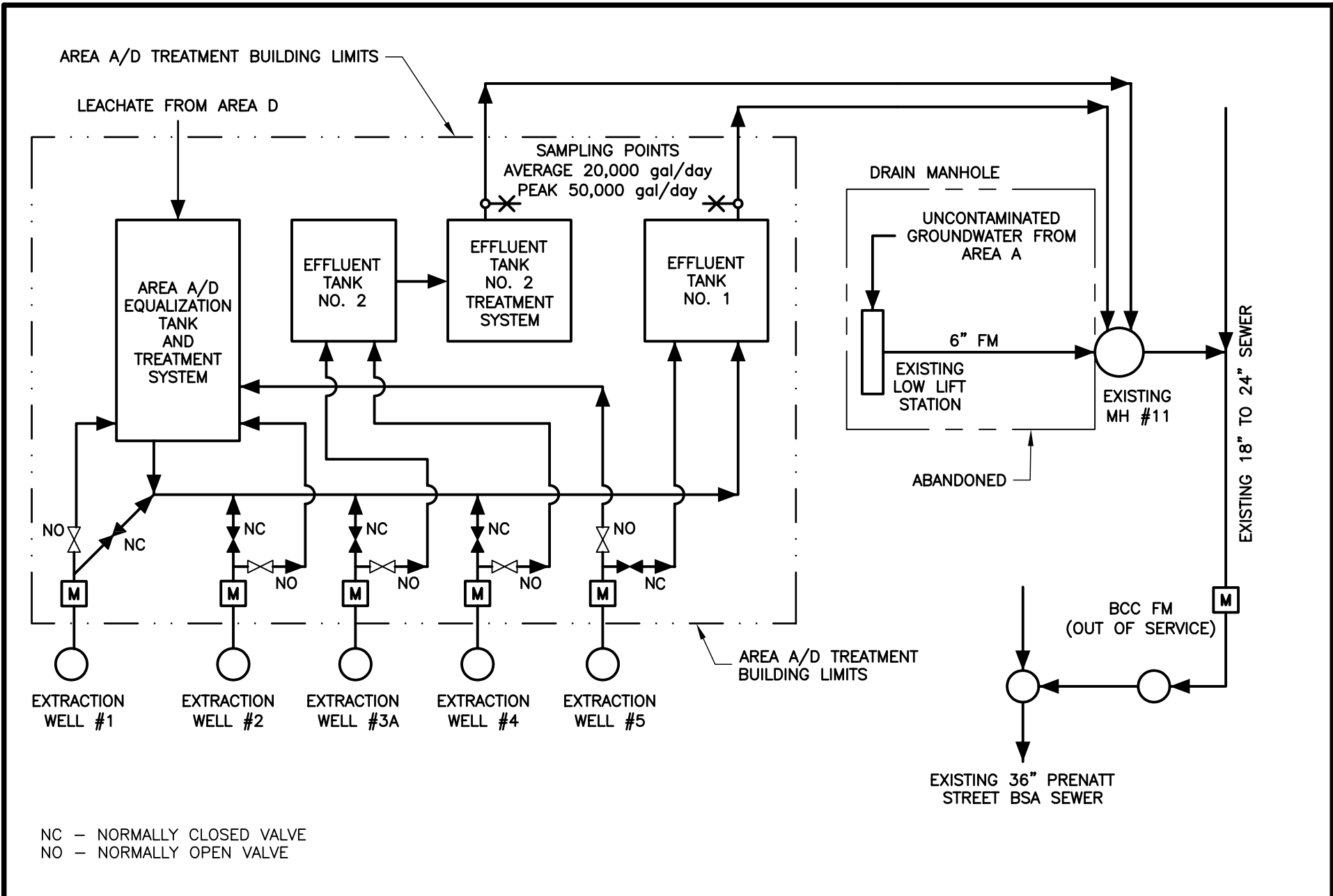
G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



Ontario Specialty Contracting, Inc.
Environmental Remediation • Demolition / Dismantlement • Brownfield Redevelopment

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

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: 480-94813-1

Client Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

Sampling Event: Buffalo Color - Quarterly Sump

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

2/22/2016 10:16:11 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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

- 1
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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

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
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.

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Job ID: 480-94813-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-94813-1

Comments

No additional comments.

Receipt

The samples were received on 2/4/2016 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.5° C.

GC/MS VOA

Method(s) 624: The preservative used in the sample containers provided is not compatible with the Method 624 analytes requested. The following samples were received preserved with hydrochloric acid: BCC BSA SUMP_0216 (480-94813-1) and TRIP BLANK (480-94813-2). The requested target analyte list contains 2-chloroethyl vinyl ether and/or acrolein, which are acid-labile compounds that degrade in an acidic medium.

Method(s) 624: The following Volatile sample(s) was composited by the laboratory on 2/5/16 as requested by the client: BCC BSA SUMP_0216 (480-94813-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

No additional analytical or quality issues were noted, other than those described above or 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.

GC Semi VOA

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

Metals

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

General Chemistry

Method(s) SM 4500 CN E, SM 4500 CN G: The results reported for the following sample do not concur with results previously reported for this site: BCC BSA SUMP_0216 (480-94813-1). Reanalysis was performed, and results higher than historical have been confirmed.

Method(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute time frame: BCC BSA SUMP_0216 (480-94813-1).

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

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with 286445.

Method(s) 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with 286540.

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- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Client Sample ID: BCC BSA SUMP_0216

Lab Sample ID: 480-94813-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.68	J	5.0	0.51	ug/L	1		624	Total/NA
Chlorobenzene	3.2	J	5.0	0.48	ug/L	1		624	Total/NA
Aniline	6.1	J	9.7	1.5	ug/L	1		625	Total/NA
Chromium	0.0035	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0047	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0039	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0074	J B	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.011		0.010	0.0050	mg/L	1		420.1	Total/NA
Phosphorus	0.057		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	2.4	b	2.0	2.0	mg/L	1		SM 5210B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.15	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94813-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.0	J	5.0	0.48	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	0.59	J	5.0	0.51	ug/L	1		624	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Client Sample ID: BCC BSA SUMP_0216

Lab Sample ID: 480-94813-1

Date Collected: 02/04/16 10:30

Matrix: Water

Date Received: 02/04/16 15:10

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/05/16 09:51	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/05/16 09:51	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/05/16 09:51	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/05/16 09:51	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/05/16 09:51	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/05/16 09:51	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/05/16 09:51	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/05/16 09:51	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/05/16 09:51	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/05/16 09:51	1
1,4-Dichlorobenzene	0.68	J	5.0	0.51	ug/L			02/05/16 09:51	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/05/16 09:51	1
Acrolein	ND		100	17	ug/L			02/05/16 09:51	1
Acrylonitrile	ND		50	1.9	ug/L			02/05/16 09:51	1
Benzene	ND		5.0	0.60	ug/L			02/05/16 09:51	1
Bromoform	ND		5.0	0.47	ug/L			02/05/16 09:51	1
Bromomethane	ND		5.0	1.2	ug/L			02/05/16 09:51	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/05/16 09:51	1
Chlorobenzene	3.2	J	5.0	0.48	ug/L			02/05/16 09:51	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/05/16 09:51	1
Chloroethane	ND		5.0	0.87	ug/L			02/05/16 09:51	1
Chloroform	ND		5.0	0.54	ug/L			02/05/16 09:51	1
Chloromethane	ND		5.0	0.64	ug/L			02/05/16 09:51	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/05/16 09:51	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/05/16 09:51	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/05/16 09:51	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/05/16 09:51	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/05/16 09:51	1
Toluene	ND		5.0	0.45	ug/L			02/05/16 09:51	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/05/16 09:51	1
Trichloroethene	ND		5.0	0.60	ug/L			02/05/16 09:51	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/05/16 09:51	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/05/16 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		72 - 130		02/05/16 09:51	1
4-Bromofluorobenzene (Surr)	96		69 - 121		02/05/16 09:51	1
Toluene-d8 (Surr)	105		70 - 123		02/05/16 09:51	1
Dibromofluoromethane (Surr)	95		70 - 130		02/05/16 09:51	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.7	0.79	ug/L		02/09/16 08:16	02/17/16 04:42	1
1,2-Dichlorobenzene	ND		9.7	4.8	ug/L		02/09/16 08:16	02/17/16 04:42	1
1,2-Diphenylhydrazine	ND		9.7	0.76	ug/L		02/09/16 08:16	02/17/16 04:42	1
1,3-Dichlorobenzene	ND		9.7	0.67	ug/L		02/09/16 08:16	02/17/16 04:42	1
1,4-Dichlorobenzene	ND		9.7	4.8	ug/L		02/09/16 08:16	02/17/16 04:42	1
2,2'-oxybis[1-chloropropane]	ND		4.8	0.81	ug/L		02/09/16 08:16	02/17/16 04:42	1
2,4,6-Trichlorophenol	ND		4.8	0.97	ug/L		02/09/16 08:16	02/17/16 04:42	1
2,4-Dichlorophenol	ND		4.8	0.75	ug/L		02/09/16 08:16	02/17/16 04:42	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Client Sample ID: BCC BSA SUMP_0216

Lab Sample ID: 480-94813-1

Date Collected: 02/04/16 10:30

Matrix: Water

Date Received: 02/04/16 15:10

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		4.8	1.4	ug/L		02/09/16 08:16	02/17/16 04:42	1
2,4-Dinitrophenol	ND		9.7	4.8	ug/L		02/09/16 08:16	02/17/16 04:42	1
2,4-Dinitrotoluene	ND		4.8	4.8	ug/L		02/09/16 08:16	02/17/16 04:42	1
2,6-Dinitrotoluene	ND		4.8	0.97	ug/L		02/09/16 08:16	02/17/16 04:42	1
2-Chloronaphthalene	ND		4.8	0.88	ug/L		02/09/16 08:16	02/17/16 04:42	1
2-Chlorophenol	ND		4.8	0.64	ug/L		02/09/16 08:16	02/17/16 04:42	1
2-Nitrophenol	ND		4.8	0.68	ug/L		02/09/16 08:16	02/17/16 04:42	1
3,3'-Dichlorobenzidine	ND		4.8	0.80	ug/L		02/09/16 08:16	02/17/16 04:42	1
4,6-Dinitro-2-methylphenol	ND		9.7	0.64	ug/L		02/09/16 08:16	02/17/16 04:42	1
4-Bromophenyl phenyl ether	ND		4.8	1.4	ug/L		02/09/16 08:16	02/17/16 04:42	1
4-Chloro-3-methylphenol	ND		4.8	1.1	ug/L		02/09/16 08:16	02/17/16 04:42	1
4-Chlorophenyl phenyl ether	ND		4.8	1.3	ug/L		02/09/16 08:16	02/17/16 04:42	1
4-Nitrophenol	ND		9.7	9.7	ug/L		02/09/16 08:16	02/17/16 04:42	1
Acenaphthene	ND		4.8	0.78	ug/L		02/09/16 08:16	02/17/16 04:42	1
Acenaphthylene	ND		4.8	0.84	ug/L		02/09/16 08:16	02/17/16 04:42	1
Aniline	6.1	J	9.7	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1
Anthracene	ND		4.8	1.4	ug/L		02/09/16 08:16	02/17/16 04:42	1
Benzidine	ND		77	34	ug/L		02/09/16 08:16	02/17/16 04:42	1
Benzo[a]anthracene	ND		4.8	1.1	ug/L		02/09/16 08:16	02/17/16 04:42	1
Benzo[a]pyrene	ND		4.8	1.3	ug/L		02/09/16 08:16	02/17/16 04:42	1
Benzo[b]fluoranthene	ND		4.8	1.2	ug/L		02/09/16 08:16	02/17/16 04:42	1
Benzo[g,h,i]perylene	ND		4.8	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1
Benzo[k]fluoranthene	ND		4.8	1.3	ug/L		02/09/16 08:16	02/17/16 04:42	1
Bis(2-chloroethoxy)methane	ND		4.8	0.73	ug/L		02/09/16 08:16	02/17/16 04:42	1
Bis(2-chloroethyl)ether	ND		4.8	0.90	ug/L		02/09/16 08:16	02/17/16 04:42	1
Bis(2-ethylhexyl) phthalate	ND		9.7	1.2	ug/L		02/09/16 08:16	02/17/16 04:42	1
Butyl benzyl phthalate	ND		4.8	1.1	ug/L		02/09/16 08:16	02/17/16 04:42	1
Chrysene	ND		4.8	0.97	ug/L		02/09/16 08:16	02/17/16 04:42	1
Decane	ND		9.7	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1
Dibenz(a,h)anthracene	ND		4.8	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1
Diethyl phthalate	ND		4.8	0.97	ug/L		02/09/16 08:16	02/17/16 04:42	1
Dimethyl phthalate	ND		4.8	0.88	ug/L		02/09/16 08:16	02/17/16 04:42	1
Di-n-butyl phthalate	ND		4.8	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1
Di-n-octyl phthalate	ND		4.8	1.2	ug/L		02/09/16 08:16	02/17/16 04:42	1
Fluoranthene	ND		4.8	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1
Fluorene	ND		4.8	0.97	ug/L		02/09/16 08:16	02/17/16 04:42	1
Hexachlorobenzene	ND		4.8	0.97	ug/L		02/09/16 08:16	02/17/16 04:42	1
Hexachlorobutadiene	ND		4.8	0.97	ug/L		02/09/16 08:16	02/17/16 04:42	1
Hexachlorocyclopentadiene	ND		4.8	4.8	ug/L		02/09/16 08:16	02/17/16 04:42	1
Hexachloroethane	ND		4.8	0.58	ug/L		02/09/16 08:16	02/17/16 04:42	1
Indeno[1,2,3-cd]pyrene	ND		4.8	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1
Isophorone	ND		4.8	0.72	ug/L		02/09/16 08:16	02/17/16 04:42	1
Naphthalene	ND		4.8	0.83	ug/L		02/09/16 08:16	02/17/16 04:42	1
Nitrobenzene	ND		4.8	0.78	ug/L		02/09/16 08:16	02/17/16 04:42	1
N-Nitrosodimethylamine	ND		9.7	4.8	ug/L		02/09/16 08:16	02/17/16 04:42	1
N-Nitrosodi-n-propylamine	ND		4.8	0.86	ug/L		02/09/16 08:16	02/17/16 04:42	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		02/09/16 08:16	02/17/16 04:42	1
n-Octadecane	ND		9.7	1.2	ug/L		02/09/16 08:16	02/17/16 04:42	1
Pentachlorophenol	ND		9.7	1.5	ug/L		02/09/16 08:16	02/17/16 04:42	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Client Sample ID: BCC BSA SUMP_0216

Lab Sample ID: 480-94813-1

Date Collected: 02/04/16 10:30

Matrix: Water

Date Received: 02/04/16 15:10

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		4.8	1.2	ug/L		02/09/16 08:16	02/17/16 04:42	1
Phenol	ND		4.8	0.34	ug/L		02/09/16 08:16	02/17/16 04:42	1
Pyrene	ND		4.8	1.4	ug/L		02/09/16 08:16	02/17/16 04:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		52 - 151	02/09/16 08:16	02/17/16 04:42	1
2-Fluorobiphenyl	81		44 - 120	02/09/16 08:16	02/17/16 04:42	1
2-Fluorophenol	42		17 - 120	02/09/16 08:16	02/17/16 04:42	1
Nitrobenzene-d5	76		42 - 120	02/09/16 08:16	02/17/16 04:42	1
Phenol-d5	29		10 - 120	02/09/16 08:16	02/17/16 04:42	1
p-Terphenyl-d14	71		22 - 125	02/09/16 08:16	02/17/16 04:42	1

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.058	0.037	ug/L		02/05/16 11:27	02/13/16 14:07	1
PCB-1221	ND		0.058	0.037	ug/L		02/05/16 11:27	02/13/16 14:07	1
PCB-1232	ND		0.058	0.037	ug/L		02/05/16 11:27	02/13/16 14:07	1
PCB-1242	ND		0.058	0.037	ug/L		02/05/16 11:27	02/13/16 14:07	1
PCB-1248	ND		0.058	0.037	ug/L		02/05/16 11:27	02/13/16 14:07	1
PCB-1254	ND		0.058	0.030	ug/L		02/05/16 11:27	02/13/16 14:07	1
PCB-1260	ND		0.058	0.030	ug/L		02/05/16 11:27	02/13/16 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		26 - 135	02/05/16 11:27	02/13/16 14:07	1
Tetrachloro-m-xylene	74		27 - 159	02/05/16 11:27	02/13/16 14:07	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0035	J	0.0040	0.0010	mg/L		02/08/16 08:05	02/08/16 14:07	1
Copper	0.0047	J	0.010	0.0016	mg/L		02/08/16 08:05	02/08/16 14:07	1
Lead	ND		0.010	0.0030	mg/L		02/08/16 08:05	02/08/16 14:07	1
Nickel	0.0039	J	0.010	0.0013	mg/L		02/08/16 08:05	02/08/16 14:07	1
Zinc	0.0074	J B	0.010	0.0015	mg/L		02/08/16 08:05	02/08/16 14:07	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		02/09/16 10:25	02/09/16 14:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	0.011		0.010	0.0050	mg/L		02/09/16 16:11	02/19/16 14:26	1
Cyanide, Amenable	ND		0.010	0.0050	mg/L			02/17/16 11:52	1
Phosphorus	0.057		0.010	0.0050	mg/L as P			02/11/16 10:46	1
Biochemical Oxygen Demand	2.4	b	2.0	2.0	mg/L			02/05/16 10:39	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/11/16 05:41	1
pH	8.15	HF	0.100	0.100	SU			02/05/16 16:31	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94813-2

Date Collected: 02/04/16 00:00

Matrix: Water

Date Received: 02/04/16 15:10

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			02/05/16 10:19	1
Acrylonitrile	ND		100	1.9	ug/L			02/05/16 10:19	1
Benzene	ND		5.0	0.60	ug/L			02/05/16 10:19	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/05/16 10:19	1
Bromoform	ND		5.0	0.47	ug/L			02/05/16 10:19	1
Bromomethane	ND		5.0	1.2	ug/L			02/05/16 10:19	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/05/16 10:19	1
Chlorobenzene	3.0	J	5.0	0.48	ug/L			02/05/16 10:19	1
Chloroethane	ND		5.0	0.87	ug/L			02/05/16 10:19	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/05/16 10:19	1
Chloroform	ND		5.0	0.54	ug/L			02/05/16 10:19	1
Chloromethane	ND		5.0	0.64	ug/L			02/05/16 10:19	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/05/16 10:19	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/05/16 10:19	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/05/16 10:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/05/16 10:19	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/05/16 10:19	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/05/16 10:19	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/05/16 10:19	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/05/16 10:19	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/05/16 10:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/05/16 10:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/05/16 10:19	1
Toluene	ND		5.0	0.45	ug/L			02/05/16 10:19	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/05/16 10:19	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/05/16 10:19	1
Trichloroethene	ND		5.0	0.60	ug/L			02/05/16 10:19	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/05/16 10:19	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/05/16 10:19	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/05/16 10:19	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/05/16 10:19	1
1,4-Dichlorobenzene	0.59	J	5.0	0.51	ug/L			02/05/16 10:19	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/05/16 10:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		72 - 130		02/05/16 10:19	1
4-Bromofluorobenzene (Surr)	96		69 - 121		02/05/16 10:19	1
Toluene-d8 (Surr)	104		70 - 123		02/05/16 10:19	1
Dibromofluoromethane (Surr)	96		70 - 130		02/05/16 10:19	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE (72-130)	BFB (69-121)	TOL (70-123)	DBFM (70-130)
480-94813-1	BCC BSA SUMP_0216	105	96	105	95
480-94813-2	TRIP BLANK	105	96	104	96
LCS 480-286363/6	Lab Control Sample	103	96	107	97
MB 480-286363/8	Method Blank	107	97	105	98

Surrogate Legend

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

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-94813-1	BCC BSA SUMP_0216	95	81	42	76	29	71
LCS 480-286540/2-A	Lab Control Sample	97	80	46	76	32	87
LCSD 480-286540/3-A	Lab Control Sample Dup	95	78	46	74	34	86
MB 480-286540/1-A	Method Blank	72	81	40	75	30	92

Surrogate Legend

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

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (26-135)	TCX2 (27-159)
480-94813-1	BCC BSA SUMP_0216	70	74
LCS 480-286445/2-A	Lab Control Sample	81	85
LCSD 480-286445/3-A	Lab Control Sample Dup	91	93
MB 480-286445/1-A	Method Blank	83	99

Surrogate Legend

DCB = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-286363/8

Matrix: Water

Analysis Batch: 286363

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/04/16 22:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/04/16 22:32	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/04/16 22:32	1
Acrolein	ND		100	17	ug/L			02/04/16 22:32	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/04/16 22:32	1
Acrylonitrile	ND		50	1.9	ug/L			02/04/16 22:32	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/04/16 22:32	1
Benzene	ND		5.0	0.60	ug/L			02/04/16 22:32	1
Bromoform	ND		5.0	0.47	ug/L			02/04/16 22:32	1
Bromomethane	ND		5.0	1.2	ug/L			02/04/16 22:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/04/16 22:32	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/04/16 22:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/04/16 22:32	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/04/16 22:32	1
Chloroethane	ND		5.0	0.87	ug/L			02/04/16 22:32	1
Chloroform	ND		5.0	0.54	ug/L			02/04/16 22:32	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/04/16 22:32	1
Chloromethane	ND		5.0	0.64	ug/L			02/04/16 22:32	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/04/16 22:32	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/04/16 22:32	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/04/16 22:32	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/04/16 22:32	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/04/16 22:32	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/04/16 22:32	1
Toluene	ND		5.0	0.45	ug/L			02/04/16 22:32	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/04/16 22:32	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/04/16 22:32	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/04/16 22:32	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/04/16 22:32	1
Trichloroethene	ND		5.0	0.60	ug/L			02/04/16 22:32	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/04/16 22:32	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/04/16 22:32	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/04/16 22:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		72 - 130		02/04/16 22:32	1
4-Bromofluorobenzene (Surr)	97		69 - 121		02/04/16 22:32	1
Toluene-d8 (Surr)	105		70 - 123		02/04/16 22:32	1
Dibromofluoromethane (Surr)	98		70 - 130		02/04/16 22:32	1

Lab Sample ID: LCS 480-286363/6

Matrix: Water

Analysis Batch: 286363

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloroethyl vinyl ether	20.0	18.5	J	ug/L		92	1 - 305
1,1-Dichloroethane	20.0	17.8		ug/L		89	59 - 155
1,2-Dichloroethane	20.0	18.1		ug/L		90	49 - 155

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-286363/6
Matrix: Water
Analysis Batch: 286363

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	17.6		ug/L		88	1 - 234
1,2-Dichloropropane	20.0	18.3		ug/L		92	1 - 210
Benzene	20.0	18.2		ug/L		91	37 - 151
Bromoform	20.0	21.1		ug/L		106	45 - 169
Bromomethane	20.0	27.2		ug/L		136	1 - 242
Carbon tetrachloride	20.0	19.6		ug/L		98	70 - 140
Chlorobenzene	20.0	20.1		ug/L		100	37 - 160
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	46 - 157
Dibromochloromethane	20.0	20.4		ug/L		102	53 - 149
Chloroethane	20.0	28.3		ug/L		141	14 - 230
Chloroform	20.0	18.2		ug/L		91	51 - 138
1,1,1-Trichloroethane	20.0	18.4		ug/L		92	52 - 162
Chloromethane	20.0	17.8		ug/L		89	1 - 273
1,1,2-Trichloroethane	20.0	20.0		ug/L		100	52 - 150
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	1 - 227
Bromodichloromethane	20.0	18.5		ug/L		92	35 - 155
Ethylbenzene	20.0	20.1		ug/L		101	37 - 162
Methylene Chloride	20.0	17.9		ug/L		90	1 - 221
Tetrachloroethene	20.0	19.9		ug/L		99	64 - 148
Toluene	20.0	20.0		ug/L		100	47 - 150
1,2-Dichlorobenzene	20.0	21.1		ug/L		105	18 - 190
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	17 - 183
1,3-Dichlorobenzene	20.0	21.1		ug/L		105	59 - 156
Trichloroethene	20.0	18.3		ug/L		92	71 - 157
1,4-Dichlorobenzene	20.0	20.9		ug/L		104	18 - 190
Trichlorofluoromethane	20.0	17.9		ug/L		89	17 - 181
Vinyl chloride	20.0	17.8		ug/L		89	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
4-Bromofluorobenzene (Surr)	96		69 - 121
Toluene-d8 (Surr)	107		70 - 123
Dibromofluoromethane (Surr)	97		70 - 130

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-286540/1-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		02/09/16 08:16	02/17/16 03:23	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		02/09/16 08:16	02/17/16 03:23	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		02/09/16 08:16	02/17/16 03:23	1
1,4-Dichlorobenzene	ND		10	5.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		02/09/16 08:16	02/17/16 03:23	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		02/09/16 08:16	02/17/16 03:23	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-286540/1-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286540

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		02/09/16 08:16	02/17/16 03:23	1
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		02/09/16 08:16	02/17/16 03:23	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
2,4-Dinitrotoluene	ND		5.0	5.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		02/09/16 08:16	02/17/16 03:23	1
2-Chlorophenol	ND		5.0	0.66	ug/L		02/09/16 08:16	02/17/16 03:23	1
2-Nitrophenol	ND		5.0	0.70	ug/L		02/09/16 08:16	02/17/16 03:23	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		02/09/16 08:16	02/17/16 03:23	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		02/09/16 08:16	02/17/16 03:23	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		02/09/16 08:16	02/17/16 03:23	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		02/09/16 08:16	02/17/16 03:23	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		02/09/16 08:16	02/17/16 03:23	1
4-Nitrophenol	ND		10	10	ug/L		02/09/16 08:16	02/17/16 03:23	1
Acenaphthene	ND		5.0	0.81	ug/L		02/09/16 08:16	02/17/16 03:23	1
Acenaphthylene	ND		5.0	0.87	ug/L		02/09/16 08:16	02/17/16 03:23	1
Aniline	ND		10	1.5	ug/L		02/09/16 08:16	02/17/16 03:23	1
Anthracene	ND		5.0	1.4	ug/L		02/09/16 08:16	02/17/16 03:23	1
Benzidine	ND		80	35	ug/L		02/09/16 08:16	02/17/16 03:23	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		02/09/16 08:16	02/17/16 03:23	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		02/09/16 08:16	02/17/16 03:23	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		02/09/16 08:16	02/17/16 03:23	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		02/09/16 08:16	02/17/16 03:23	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		02/09/16 08:16	02/17/16 03:23	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		02/09/16 08:16	02/17/16 03:23	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		02/09/16 08:16	02/17/16 03:23	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		02/09/16 08:16	02/17/16 03:23	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		02/09/16 08:16	02/17/16 03:23	1
Chrysene	ND		5.0	1.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
Decane	ND		10	1.6	ug/L		02/09/16 08:16	02/17/16 03:23	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		02/09/16 08:16	02/17/16 03:23	1
Diethyl phthalate	ND		5.0	1.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		02/09/16 08:16	02/17/16 03:23	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		02/09/16 08:16	02/17/16 03:23	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		02/09/16 08:16	02/17/16 03:23	1
Fluoranthene	ND		5.0	1.6	ug/L		02/09/16 08:16	02/17/16 03:23	1
Fluorene	ND		5.0	1.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
Hexachlorocyclopentadiene	ND		5.0	5.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
Hexachloroethane	ND		5.0	0.60	ug/L		02/09/16 08:16	02/17/16 03:23	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		02/09/16 08:16	02/17/16 03:23	1
Isophorone	ND		5.0	0.74	ug/L		02/09/16 08:16	02/17/16 03:23	1
Naphthalene	ND		5.0	0.86	ug/L		02/09/16 08:16	02/17/16 03:23	1
Nitrobenzene	ND		5.0	0.81	ug/L		02/09/16 08:16	02/17/16 03:23	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		02/09/16 08:16	02/17/16 03:23	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		02/09/16 08:16	02/17/16 03:23	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		02/09/16 08:16	02/17/16 03:23	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-286540/1-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Octadecane	ND		10	1.2	ug/L		02/09/16 08:16	02/17/16 03:23	1
Pentachlorophenol	ND		10	1.6	ug/L		02/09/16 08:16	02/17/16 03:23	1
Phenanthrene	ND		5.0	1.2	ug/L		02/09/16 08:16	02/17/16 03:23	1
Phenol	ND		5.0	0.35	ug/L		02/09/16 08:16	02/17/16 03:23	1
Pyrene	ND		5.0	1.4	ug/L		02/09/16 08:16	02/17/16 03:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		52 - 151	02/09/16 08:16	02/17/16 03:23	1
2-Fluorobiphenyl	81		44 - 120	02/09/16 08:16	02/17/16 03:23	1
2-Fluorophenol	40		17 - 120	02/09/16 08:16	02/17/16 03:23	1
Nitrobenzene-d5	75		42 - 120	02/09/16 08:16	02/17/16 03:23	1
Phenol-d5	30		10 - 120	02/09/16 08:16	02/17/16 03:23	1
p-Terphenyl-d14	92		22 - 125	02/09/16 08:16	02/17/16 03:23	1

Lab Sample ID: LCS 480-286540/2-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2,4-Trichlorobenzene	50.0	35.0		ug/L		70	44 - 142
1,2-Dichlorobenzene	50.0	32.9		ug/L		66	32 - 129
1,3-Dichlorobenzene	50.0	30.5		ug/L		61	1 - 172
1,4-Dichlorobenzene	50.0	31.5		ug/L		63	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	34.5		ug/L		69	36 - 166
2,4,6-Trichlorophenol	50.0	43.6		ug/L		87	37 - 144
2,4-Dichlorophenol	50.0	41.2		ug/L		82	39 - 135
2,4-Dimethylphenol	50.0	40.9		ug/L		82	32 - 119
2,4-Dinitrophenol	100	86.1		ug/L		86	1 - 191
2,4-Dinitrotoluene	50.0	47.7		ug/L		95	39 - 139
2,6-Dinitrotoluene	50.0	45.3		ug/L		91	50 - 158
2-Chloronaphthalene	50.0	38.2		ug/L		76	60 - 118
2-Chlorophenol	50.0	35.8		ug/L		72	23 - 134
2-Nitrophenol	50.0	39.9		ug/L		80	29 - 182
3,3'-Dichlorobenzidine	100	84.6		ug/L		85	1 - 262
4,6-Dinitro-2-methylphenol	100	89.7		ug/L		90	1 - 181
4-Bromophenyl phenyl ether	50.0	44.0		ug/L		88	53 - 127
4-Chloro-3-methylphenol	50.0	43.6		ug/L		87	22 - 147
4-Chlorophenyl phenyl ether	50.0	44.6		ug/L		89	25 - 158
4-Nitrophenol	100	51.4		ug/L		51	1 - 132
Acenaphthene	50.0	40.7		ug/L		81	47 - 145
Acenaphthylene	50.0	41.6		ug/L		83	33 - 145
Aniline	50.0	27.8		ug/L		56	40 - 120
Anthracene	50.0	45.1		ug/L		90	27 - 133
Benzo[a]anthracene	50.0	45.5		ug/L		91	33 - 143
Benzo[a]pyrene	50.0	45.2		ug/L		90	17 - 163
Benzo[b]fluoranthene	50.0	42.4		ug/L		85	24 - 159
Benzo[g,h,i]perylene	50.0	43.8		ug/L		88	1 - 219
Benzo[k]fluoranthene	50.0	47.8		ug/L		96	11 - 162

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-286540/2-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Bis(2-chloroethoxy)methane	50.0	39.0		ug/L		78	33 - 184	
Bis(2-chloroethyl)ether	50.0	36.7		ug/L		73	12 - 158	
Bis(2-ethylhexyl) phthalate	50.0	47.0		ug/L		94	8 - 158	
Butyl benzyl phthalate	50.0	46.2		ug/L		92	1 - 152	
Chrysene	50.0	44.3		ug/L		89	17 - 168	
Dibenz(a,h)anthracene	50.0	44.7		ug/L		89	1 - 227	
Diethyl phthalate	50.0	46.9		ug/L		94	1 - 114	
Dimethyl phthalate	50.0	45.5		ug/L		91	1 - 112	
Di-n-butyl phthalate	50.0	47.3		ug/L		95	1 - 118	
Di-n-octyl phthalate	50.0	45.6		ug/L		91	4 - 146	
Fluoranthene	50.0	46.6		ug/L		93	26 - 137	
Fluorene	50.0	44.0		ug/L		88	59 - 121	
Hexachlorobenzene	50.0	45.3		ug/L		91	1 - 152	
Hexachlorocyclopentadiene	50.0	34.5		ug/L		69	5 - 120	
Hexachloroethane	50.0	30.2		ug/L		60	40 - 113	
Indeno[1,2,3-cd]pyrene	50.0	44.2		ug/L		88	1 - 171	
Isophorone	50.0	41.6		ug/L		83	21 - 196	
Naphthalene	50.0	37.2		ug/L		74	21 - 133	
Nitrobenzene	50.0	37.2		ug/L		74	35 - 180	
N-Nitrosodi-n-propylamine	50.0	41.4		ug/L		83	1 - 230	
N-Nitrosodiphenylamine	50.0	43.4		ug/L		87	54 - 125	
Pentachlorophenol	100	89.8		ug/L		90	14 - 176	
Phenanthrene	50.0	44.7		ug/L		89	54 - 120	
Phenol	50.0	17.4		ug/L		35	5 - 112	
Pyrene	50.0	44.3		ug/L		89	52 - 115	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	97		52 - 151
2-Fluorobiphenyl	80		44 - 120
2-Fluorophenol	46		17 - 120
Nitrobenzene-d5	76		42 - 120
Phenol-d5	32		10 - 120
p-Terphenyl-d14	87		22 - 125

Lab Sample ID: LCSD 480-286540/3-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286540

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
1,2,4-Trichlorobenzene	50.0	33.4		ug/L		67	44 - 142	5	34	
1,2-Dichlorobenzene	50.0	31.8		ug/L		64	32 - 129	4	38	
1,3-Dichlorobenzene	50.0	30.6		ug/L		61	1 - 172	0	37	
1,4-Dichlorobenzene	50.0	31.5		ug/L		63	20 - 124	0	40	
2,2'-oxybis[1-chloropropane]	50.0	34.7		ug/L		69	36 - 166	1	36	
2,4,6-Trichlorophenol	50.0	41.7		ug/L		83	37 - 144	4	20	
2,4-Dichlorophenol	50.0	39.6		ug/L		79	39 - 135	4	23	
2,4-Dimethylphenol	50.0	39.3		ug/L		79	32 - 119	4	18	
2,4-Dinitrophenol	100	86.9		ug/L		87	1 - 191	1	29	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-286540/3-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286540

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD	Limit
2,4-Dinitrotoluene	50.0	47.1		ug/L		94	39 - 139	1	20	
2,6-Dinitrotoluene	50.0	44.8		ug/L		90	50 - 158	1	17	
2-Chloronaphthalene	50.0	38.4		ug/L		77	60 - 118	0	30	
2-Chlorophenol	50.0	35.4		ug/L		71	23 - 134	1	26	
2-Nitrophenol	50.0	38.6		ug/L		77	29 - 182	3	28	
3,3'-Dichlorobenzidine	100	85.2		ug/L		85	1 - 262	1	31	
4,6-Dinitro-2-methylphenol	100	89.0		ug/L		89	1 - 181	1	30	
4-Bromophenyl phenyl ether	50.0	42.2		ug/L		84	53 - 127	4	16	
4-Chloro-3-methylphenol	50.0	43.1		ug/L		86	22 - 147	1	16	
4-Chlorophenyl phenyl ether	50.0	43.2		ug/L		86	25 - 158	3	15	
4-Nitrophenol	100	52.7		ug/L		53	1 - 132	2	24	
Acenaphthene	50.0	40.3		ug/L		81	47 - 145	1	25	
Acenaphthylene	50.0	40.6		ug/L		81	33 - 145	3	22	
Aniline	50.0	30.3		ug/L		61	40 - 120	9	30	
Anthracene	50.0	44.1		ug/L		88	27 - 133	2	15	
Benzo[a]anthracene	50.0	44.8		ug/L		90	33 - 143	2	15	
Benzo[a]pyrene	50.0	44.9		ug/L		90	17 - 163	1	15	
Benzo[b]fluoranthene	50.0	43.0		ug/L		86	24 - 159	1	17	
Benzo[g,h,i]perylene	50.0	44.1		ug/L		88	1 - 219	1	19	
Benzo[k]fluoranthene	50.0	47.1		ug/L		94	11 - 162	1	19	
Bis(2-chloroethoxy)methane	50.0	37.8		ug/L		76	33 - 184	3	23	
Bis(2-chloroethyl)ether	50.0	36.4		ug/L		73	12 - 158	1	33	
Bis(2-ethylhexyl) phthalate	50.0	46.8		ug/L		94	8 - 158	1	15	
Butyl benzyl phthalate	50.0	45.8		ug/L		92	1 - 152	1	15	
Chrysene	50.0	44.4		ug/L		89	17 - 168	0	15	
Dibenz(a,h)anthracene	50.0	44.6		ug/L		89	1 - 227	0	18	
Diethyl phthalate	50.0	46.5		ug/L		93	1 - 114	1	15	
Dimethyl phthalate	50.0	45.7		ug/L		91	1 - 112	0	15	
Di-n-butyl phthalate	50.0	46.2		ug/L		92	1 - 118	2	15	
Di-n-octyl phthalate	50.0	46.3		ug/L		93	4 - 146	1	15	
Fluoranthene	50.0	45.5		ug/L		91	26 - 137	2	15	
Fluorene	50.0	42.9		ug/L		86	59 - 121	2	18	
Hexachlorobenzene	50.0	42.8		ug/L		86	1 - 152	6	15	
Hexachlorocyclopentadiene	50.0	32.9		ug/L		66	5 - 120	5	50	
Hexachloroethane	50.0	29.3		ug/L		59	40 - 113	3	43	
Indeno[1,2,3-cd]pyrene	50.0	44.6		ug/L		89	1 - 171	1	17	
Isophorone	50.0	41.8		ug/L		84	21 - 196	1	21	
Naphthalene	50.0	35.3		ug/L		71	21 - 133	5	31	
Nitrobenzene	50.0	36.5		ug/L		73	35 - 180	2	27	
N-Nitrosodi-n-propylamine	50.0	41.1		ug/L		82	1 - 230	1	23	
N-Nitrosodiphenylamine	50.0	42.3		ug/L		85	54 - 125	3	15	
Pentachlorophenol	100	88.4		ug/L		88	14 - 176	2	21	
Phenanthrene	50.0	43.1		ug/L		86	54 - 120	4	16	
Phenol	50.0	17.7		ug/L		35	5 - 112	2	36	
Pyrene	50.0	43.9		ug/L		88	52 - 115	1	15	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	95		52 - 151

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-286540/3-A
Matrix: Water
Analysis Batch: 287295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286540

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	78		44 - 120
2-Fluorophenol	46		17 - 120
Nitrobenzene-d5	74		42 - 120
Phenol-d5	34		10 - 120
p-Terphenyl-d14	86		22 - 125

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-286445/1-A
Matrix: Water
Analysis Batch: 286828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286445

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
PCB-1016	ND		0.060	0.038	ug/L		02/05/16 11:27	02/11/16 15:50	1	
PCB-1221	ND		0.060	0.038	ug/L		02/05/16 11:27	02/11/16 15:50	1	
PCB-1232	ND		0.060	0.038	ug/L		02/05/16 11:27	02/11/16 15:50	1	
PCB-1242	ND		0.060	0.038	ug/L		02/05/16 11:27	02/11/16 15:50	1	
PCB-1248	ND		0.060	0.038	ug/L		02/05/16 11:27	02/11/16 15:50	1	
PCB-1254	ND		0.060	0.031	ug/L		02/05/16 11:27	02/11/16 15:50	1	
PCB-1260	ND		0.060	0.031	ug/L		02/05/16 11:27	02/11/16 15:50	1	

Surrogate	MB		Limits	Prepared	Analyzed	Dil	Fac
	%Recovery	Qualifier					
DCB Decachlorobiphenyl	83		26 - 135	02/05/16 11:27	02/11/16 15:50	1	
Tetrachloro-m-xylene	99		27 - 159	02/05/16 11:27	02/11/16 15:50	1	

Lab Sample ID: LCS 480-286445/2-A
Matrix: Water
Analysis Batch: 286828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286445

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	1.00	1.20		ug/L		120	40 - 142
PCB-1260	1.00	0.995		ug/L		100	67 - 148

Surrogate	LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	81		26 - 135
Tetrachloro-m-xylene	85		27 - 159

Lab Sample ID: LCSD 480-286445/3-A
Matrix: Water
Analysis Batch: 286828

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286445

Analyte	Spike Added	LCSD		Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
PCB-1016	1.00	1.19		ug/L		119	40 - 142	1	30
PCB-1260	1.00	1.02		ug/L		102	67 - 148	2	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	91		26 - 135

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCSD 480-286445/3-A
Matrix: Water
Analysis Batch: 286828

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286445

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	93		27 - 159

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-286435/1-A
Matrix: Water
Analysis Batch: 286550

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286435

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chromium	ND		0.0040	0.0010	mg/L		02/08/16 08:05	02/08/16 12:53	1
Copper	ND		0.010	0.0016	mg/L		02/08/16 08:05	02/08/16 12:53	1
Lead	ND		0.010	0.0030	mg/L		02/08/16 08:05	02/08/16 12:53	1
Nickel	ND		0.010	0.0013	mg/L		02/08/16 08:05	02/08/16 12:53	1
Zinc	0.00176	J	0.010	0.0015	mg/L		02/08/16 08:05	02/08/16 12:53	1

Lab Sample ID: LCS 480-286435/2-A
Matrix: Water
Analysis Batch: 286550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286435

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Chromium	0.200	0.209		mg/L		104	85 - 115
Copper	0.200	0.200		mg/L		100	85 - 115
Lead	0.200	0.206		mg/L		103	85 - 115
Nickel	0.200	0.198		mg/L		99	85 - 115
Zinc	0.200	0.201		mg/L		101	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-286556/1-A
Matrix: Water
Analysis Batch: 286632

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286556

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		02/09/16 10:25	02/09/16 14:15	1

Lab Sample ID: LCS 480-286556/2-A
Matrix: Water
Analysis Batch: 286632

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286556

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Mercury	0.00667	0.00660		mg/L		99	85 - 115

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: 420.1 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-286607/1-A
Matrix: Water
Analysis Batch: 287889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286607

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		02/09/16 16:11	02/19/16 13:34	1

Lab Sample ID: LCS 480-286607/2-A
Matrix: Water
Analysis Batch: 287889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286607

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.105		mg/L		105	90 - 110

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-286762/1
Matrix: Water
Analysis Batch: 286762

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			02/11/16 05:41	1

Lab Sample ID: LCS 480-286762/2
Matrix: Water
Analysis Batch: 286762

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	251	250.0		mg/L		100	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-286581/23
Matrix: Water
Analysis Batch: 286581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

Lab Sample ID: LCS 480-286581/45
Matrix: Water
Analysis Batch: 286581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.080		SU		101	99 - 101

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-286820/3
Matrix: Water
Analysis Batch: 286820

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			02/11/16 10:46	1

Lab Sample ID: LCS 480-286820/4
Matrix: Water
Analysis Batch: 286820

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.200	0.196		mg/L as P		98	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-286476/1
Matrix: Water
Analysis Batch: 286476

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			02/05/16 10:39	1

Lab Sample ID: LCS 480-286476/2
Matrix: Water
Analysis Batch: 286476

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	222.1		mg/L		112	85 - 115

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

GC/MS VOA

Analysis Batch: 286363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	624	
480-94813-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-286363/6	Lab Control Sample	Total/NA	Water	624	
MB 480-286363/8	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 286540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	625	
LCS 480-286540/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-286540/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-286540/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 287295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	625	286540
LCS 480-286540/2-A	Lab Control Sample	Total/NA	Water	625	286540
LCSD 480-286540/3-A	Lab Control Sample Dup	Total/NA	Water	625	286540
MB 480-286540/1-A	Method Blank	Total/NA	Water	625	286540

GC Semi VOA

Prep Batch: 286445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	3510C	
LCS 480-286445/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-286445/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-286445/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 286828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-286445/2-A	Lab Control Sample	Total/NA	Water	608	286445
LCSD 480-286445/3-A	Lab Control Sample Dup	Total/NA	Water	608	286445
MB 480-286445/1-A	Method Blank	Total/NA	Water	608	286445

Analysis Batch: 287032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	608	286445

Metals

Prep Batch: 286435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	200.7	
LCS 480-286435/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-286435/1-A	Method Blank	Total/NA	Water	200.7	

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Metals (Continued)

Analysis Batch: 286550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	200.7 Rev 4.4	286435
LCS 480-286435/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	286435
MB 480-286435/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	286435

Prep Batch: 286556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	245.1	
LCS 480-286556/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-286556/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 286632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	245.1	286556
LCS 480-286556/2-A	Lab Control Sample	Total/NA	Water	245.1	286556
MB 480-286556/1-A	Method Blank	Total/NA	Water	245.1	286556

General Chemistry

Analysis Batch: 286476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	SM 5210B	
LCS 480-286476/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-286476/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 286581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	SM 4500 H+ B	
LCS 480-286581/23	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCS 480-286581/45	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 286607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	Distill/Phenol	
LCS 480-286607/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-286607/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 286762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	SM 2540D	
LCS 480-286762/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-286762/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 286820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	SM 4500 P E	
LCS 480-286820/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-286820/3	Method Blank	Total/NA	Water	SM 4500 P E	

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

General Chemistry (Continued)

Analysis Batch: 287495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 287889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94813-1	BCC BSA SUMP_0216	Total/NA	Water	420.1	286607
LCS 480-286607/2-A	Lab Control Sample	Total/NA	Water	420.1	286607
MB 480-286607/1-A	Method Blank	Total/NA	Water	420.1	286607

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Client Sample ID: BCC BSA SUMP_0216

Lab Sample ID: 480-94813-1

Date Collected: 02/04/16 10:30

Matrix: Water

Date Received: 02/04/16 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	286363	02/05/16 09:51	RRS	TAL BUF
Total/NA	Prep	625			286540	02/09/16 08:16	JLS	TAL BUF
Total/NA	Analysis	625		1	287295	02/17/16 04:42	CAS	TAL BUF
Total/NA	Prep	3510C			286445	02/05/16 11:27	RMZ	TAL BUF
Total/NA	Analysis	608		1	287032	02/13/16 14:07	JMO	TAL BUF
Total/NA	Prep	200.7			286435	02/08/16 08:05	CMM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	286550	02/08/16 14:07	AMH	TAL BUF
Total/NA	Prep	245.1			286556	02/09/16 10:25	TAS	TAL BUF
Total/NA	Analysis	245.1		1	286632	02/09/16 14:21	TAS	TAL BUF
Total/NA	Prep	Distill/Phenol			286607	02/09/16 16:11	CLT	TAL BUF
Total/NA	Analysis	420.1		1	287889	02/19/16 14:26	MRF	TAL BUF
Total/NA	Analysis	SM 2540D		1	286762	02/11/16 05:41	CDC	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	287495	02/17/16 11:52	KMF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	286581	02/05/16 16:31	KMF	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	286820	02/11/16 10:46	DCB	TAL BUF
Total/NA	Analysis	SM 5210B		1	286476	02/05/16 10:39	MDL	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94813-2

Date Collected: 02/04/16 00:00

Matrix: Water

Date Received: 02/04/16 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	286363	02/05/16 10:19	RRS	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

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	03-31-16 *

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		Water	1,2-Dichloroethene, Total
625	625	Water	1,2-Dichlorobenzene
625	625	Water	1,2-Diphenylhydrazine
625	625	Water	1,3-Dichlorobenzene
625	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH

* Certification renewal pending - certification considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
608	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
420.1	Phenolics, Total Recoverable	MCAWW	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 CN G	Cyanide, Amenable	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
SM 4500 P E	Phosphorus	SM	TAL BUF
SM 5210B	BOD, 5-Day	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-94813-1	BCC BSA SUMP_0216	Water	02/04/16 10:30	02/04/16 15:10
480-94813-2	TRIP BLANK	Water	02/04/16 00:00	02/04/16 15:10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Detection Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-94813-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedure do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
625	Water	2,4-Dinitrotoluene	ug/L	5.0	10
625	Water	4-Nitrophenol	ug/L	10	15
625	Water	Hexachlorocyclopentadiene	ug/L	5.0	10

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact
Ontario Specialty Contracting Inc.
333 Ganson Street
Buffalo, NY, 14203
716-856-3333 Phone
716-842-1630 FAX
Project Name: Buffalo Color GWTF Sump
Site: HoneyWell Buffalo Color - NYC915230
PO# 52954

Project Manager: Schove, John
Tel/Fax: (716) 912-9926
Analysis Turnaround Time
Calendar (C) or Work Days (W)
 TAT
2 weeks
 1 week
 2 days
 1 day

Site Contact: Tom Wagner
Lab Contact: Schove, John
Date: 2-4-16
Carrier: OSC
COC No. 22163-0916
Job No. 0913-OMM

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500 P, E - Phosphorus	2007, 2451	420.4 - Phenolics, Total Recoverable	62.4 5ml - (MOD) Priority Pollutant List - VOA - 62	608 PCB - Priority Pollutant PCBs	625 (MOD) Priority Pollutant List - SVOA - 6	3210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN G, Calc - Local Method	SM4500_H+ - pH
BCC_BSA_Sump_0216	3-4-16	1030	C	W	19	N	1	1	1	8	2	2	1	1	1	1
Trip Blank	N/A	N/A	N/A	N/A	2					2						

Sample Specific Notes:
Lab to composite 624 for BCC BSA
Sump samples prior to analysis



Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown

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

Container Volume (ml)
3-P 4-P 3-A 2-V 1-A 1-P 5-P 1-P
250 250 250 40 1000 1000 500 250 125

Special Instructions/QC Requirements & Comments:
 Return To Client Disposal By Lab Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Relinquished by: [Signature] Date/Time: 2/4/16 1510
Company: [Signature]
Relinquished by: [Signature] Date/Time: 02/04/16 1518
Company: [Signature]
Relinquished by: [Signature] Date/Time: [Blank]
Company: [Blank]

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

5.5°C / Star

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-94813-1

Login Number: 94813
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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

Field Data Collection Sheets

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
1/1/2016													
1/2/2016													
1/3/2016													
1/4/2016								1	1	1			
1/5/2016									1	1			
1/6/2016								1					
1/7/2016							1	0.5	1	1	1	1	
1/8/2016					1			1	1	1			
1/9/2016													
1/10/2016													
1/11/2016								1	1	1			Test: Flush from Gwtf out
1/12/2016								0.5	1				Acid #5 A well
1/13/2016										1			
1/14/2016								0.5	1				
1/15/2016								1	1	1			
1/16/2016													
1/17/2016													
1/18/2016								1	1	1	1	1	
1/19/2016													
1/20/2016								0.5	1				
1/21/2016								0.5		1			
1/22/2016					1	1		1	1	1	1	1	
1/23/2016													
1/24/2016													
1/25/2016								1	1	1			
1/26/2016													
1/27/2016								1	1	1			
1/28/2016													
1/29/2016					1	1	1	1	1	1	1	1	
1/30/2016													
1/31/2016													
2/1/2016					1	1	1	1	1	1			Gac Sample
2/2/2016													
2/3/2016								1	1	1			
2/4/2016									1				Sump sample
2/5/2016					1	1		1	1	1			
2/6/2016													
2/7/2016													
2/8/2016								1	1	1			
2/9/2016									1	1			
2/10/2016							1	1	1	1	1		
2/11/2016													
2/12/2016								1	1	1			
2/13/2016													
2/14/2016													
2/15/2016					1		1	1	1	1	1	1	B. filter, M M , Carbon sample
2/16/2016									2	2			Clean Tank #10
2/17/2016													
2/18/2016							1	1			1		
2/19/2016					1			1	1	1			
2/20/2016													
2/21/2016													
2/22/2016								1	1	1			
2/23/2016									1				

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
2/24/2016							1	1	1	1	1	1	
2/25/2016													
2/26/2016					1	1		1	1	1			
2/27/2016													
2/28/2016													
2/29/2016								1	1	1	1		
3/1/2016													
3/2/2016								1	1	1			
3/3/2016					1	1	1		1	1	1	1	New pump #4 a
3/4/2016								1	1	1	1	1	
3/5/2016													
3/6/2016													
3/7/2016								1	1	1			
3/8/2016													
3/9/2016								1	1	1			
3/10/2016													
3/11/2016								1	1	1	1	1	
3/12/2016													
3/13/2016													
3/14/2016								1	2	1			
3/15/2016								1	1	1			
3/16/2016							1	1	1				
3/17/2016					1	1			1	1			
3/18/2016								1	1	1	1		
3/19/2016													
3/20/2016													
3/21/2016						1		1	1	1			
3/22/2016									1				
3/23/2016								1	1	1			
3/24/2016							1		1		1	1	
3/25/2016					1	1	1	1	1				
3/26/2016													
3/27/2016													
3/28/2016								1	3	2			Acid #5 A well: Run D pumps
3/29/2016								0.5	1	1			Run Area D Wells
3/30/2016								1	1	1			
3/31/2016							1	1	1	1	1	1	



July 1, 2016

Leslie Sedita
Industrial Waste Administrator
Buffalo Sewer Authority
90 West Ferry Street
Buffalo, New York, 14213

**Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #14-06-BU109
OSC Project ID: 16011**

Dear Ms. Sedita:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of April 1, 2016 through June 30, 2016. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #14-06BU109.

Included with the report are:

- Operation log sheets;
- A copy of the current BSA discharge permit;
- Schematic showing the location for monitoring and sampling;
- Summary of the discharge flow by month;
- Comparison of analytical data to permit limits; and
- Analytical laboratory results.

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

Sincerely,

Kirsten Colligan
Project Manager - *Ontario Specialty Contracting, Inc.*

cc: Richard Galloway
Eugene Melnyk
John Yensan
Daniel Forlastro

Honeywell
NYSDEC Region 9
South Buffalo Development, LLC
AMEC Environment & Infrastructure

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York, 14213**

**B.P.D.E.S. Permit No. #14-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)**
Reporting Period: April 1, 2016 through June 30, 2016

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the Effluent No. 1 and Effluent No. 2 flow totalizers, which includes any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by TestAmerica located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:

April 2016	492,683 gallons
May 2016	490,064 gallons
June 2016	397,878 gallons
Total Quarterly Discharge	1,380,625 gallons

Estimated Area D contribution this period:

6,157 gallons

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

Attachments:

BSA Permit Analytical Summary Table, BSA Discharge Permit, Monitoring and Sampling Schematic, Laboratory Analytical Results, and Field Data Collection Sheets

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No.	14-06-BU109	Effective June 1, 2014
Sample Date:	4/29/2016	
Sample Location:	Onsite Pump Station to BSA	

Year: 2016
Month: JUN

Event Group: SUMP
Lab Job ID: J99333-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	8.48	0.100	SU	8.48	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.022	0.010	mg/L	0.003	lbs/day	1.67	lbs/day	Yes	20	0.022	Yes
Total Chromium	7440-47-3	0.0036	0.0040	mg/L	0.0005	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0027	0.010	mg/L	0.0003	lbs/day	0.67	lbs/day	Yes	16	0.0027	Yes
Lead	7439-92-1	0.0064	0.0050	mg/L	0.0008	lbs/day	0.541	lbs/day	Yes	65	0.0064	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0016	0.010	mg/L	0.0002	lbs/day	1.17	lbs/day	Yes	14	0.0016	Yes
Zinc	7440-66-6	0.0033	0.010	mg/L	0.0004	lbs/day	2.046	lbs/day	Yes	25	0.003	Yes
Amendable Cyanide	CAN	0.03	0.010	mg/L	0.004	lbs/day	2.59	lbs/day	Yes	6.2	0.030	Yes
Total PCB	Sum Method_E608	ND	0.059	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	5.4	1900	ug/L	0.0007	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	ND	25	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	3.0	25	ug/L	0.0004	lbs/day	0.129	lbs/day	Yes	0.31	0.00	Yes
1,2-Dichlorobenzene	95-50-1	0.62	9.4	ug/L	0.0001	lbs/day	0.197	lbs/day	Yes	0.472	0.0006	Yes
Fluoranthene	206-44-0	ND	4.7	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	0.47	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	3	25	ug/L	0.003	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	ND	4.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.400	0.010	mg/L	0.400	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	10.65	-	gpm	15,340	gpd	50,000	gpd	Yes			

*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L.

**Analyzed by total phosphorus method SM 4500-P E

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations		
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	27,159,121	4/1/2016
Final Reading	28,539,746	6/30/2016
Total Days in Period	90	
Total Flow for Period	1,380,625	gallons
Average Flow for Period	10.65	gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES
1038 CITY HALL
65 NIAGARA SQUARE
BUFFALO, NY 14202-3378
PHONE: (716) 851-4664
FAX: (716) 856-5810

WASTEWATER TREATMENT PLANT
FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 883-1820

February 11, 2014



Andrew Madden
Manager
South Buffalo Development, LLC.
333 Ganson Street
Buffalo, New York 14203

Re: BPDES Permit No. 14-06-BU109

Dear Mr. Madden:

Enclosed is your BPDES Permit No. 14-06-BU109. This permit is issued by the BSA and allows your facility to discharge process wastes to the sanitary sewers.

This original permit must be maintained at your Buffalo facility and must be available for inspection at all times. It is your responsibility to assure continual compliance with the terms and conditions of this permit. Finally, you must apply for renewal at least six (6) months before this permit expires.

If you have any questions, please call Dennis W. Young at 851-4664, ext. 5256.

Very truly yours,

By:

Leslie Sedita
Industrial Waste Administrator
Industrial Waste Section

cc: M. Letina

I:\WPD\JK\SBDLLC1406bu109permittr

**AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO
POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**PERMIT NO. 14-06-BU109
EPA 40CFR 403**

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the Sewer Regulations of the Buffalo Sewer Authority, authorization is hereby granted to:

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

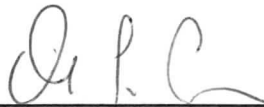
**Areas A and D of the former Buffalo Color Corporation Site
1037 South Park Avenue, Buffalo, New York 14210**

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 4, 2014** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2014

To Expire May 31, 2017



General Manager

Signed this 16th day of February, 2014

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfalls (see attached maps) shall be limited and monitored **Quarterly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe	Quarterly
	Total Flow	50,000 gals		Flow Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test ⁽⁶⁾				Quarterly
	Methods 624			Grab ⁽⁷⁾	
	Base/Neutrals & Acid ⁽⁸⁾				Quarterly
	Extractable-EPA				
	Tests Method 625			Composite	
	Total PCB's	0.000 lbs	0.002	Composite	Quarterly
	Aniline	50.0 lbs	0.00	Composite	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Composite	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Composite	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Composite	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Composite	Quarterly
	Acenaphthylene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	Maid*	Type	Frequency
	Fluorene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Phenanthrene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

*M.A.I.D. – Maximum Allowable Instantaneous Discharge – Slug Limit.
 SEE PAGE FOUR (4) FOR EXPLANATION OF SPECIFIC REQUIREMENTS.

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, discharge monitoring results shall be summarized and reported quarterly by the permittee on the days specified below:

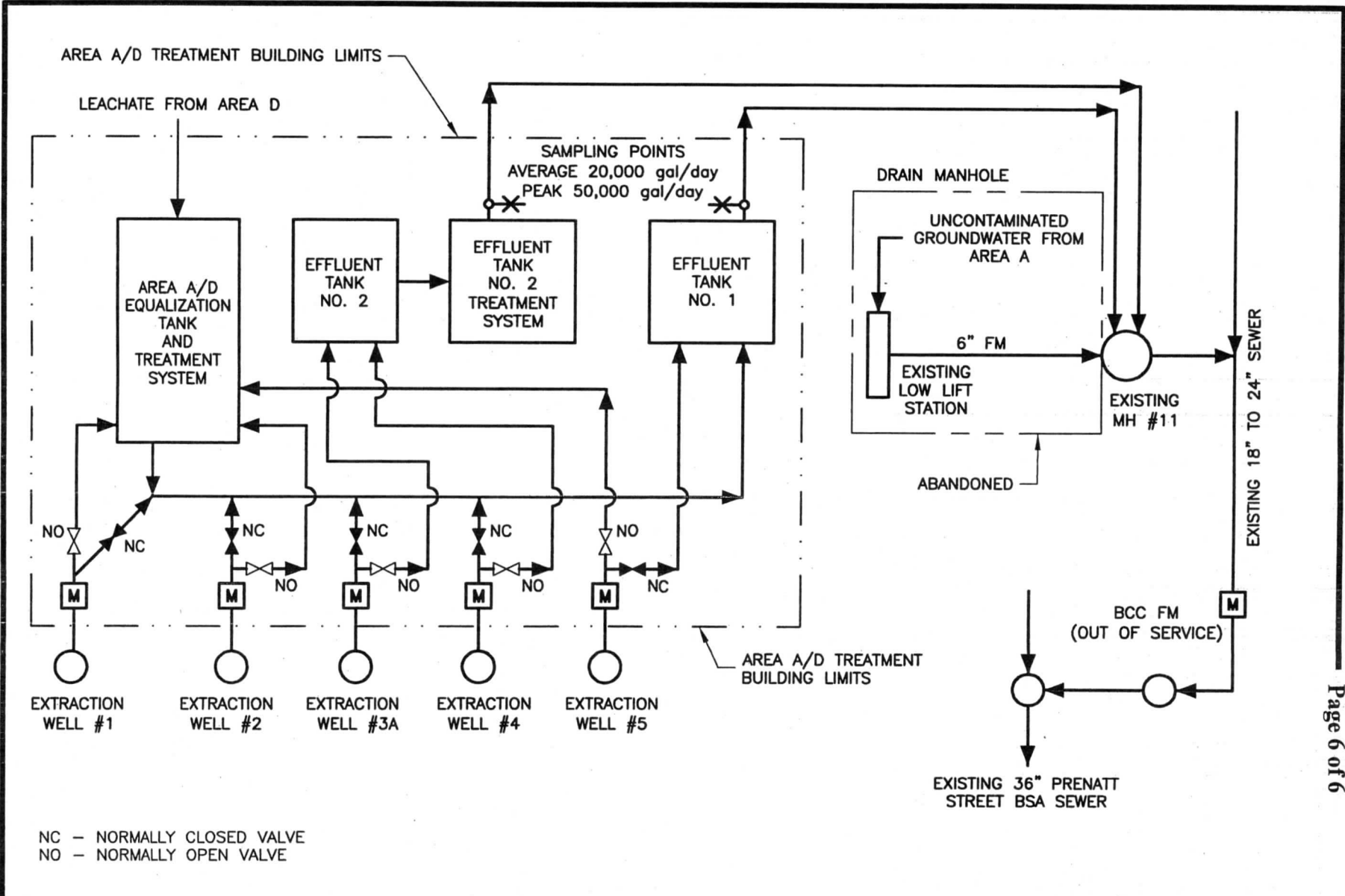
Sample Point	Parameter	Reporting Requirements	
		Initial Report	Subsequent Reports
001	All analytes	July 31, 2011	Every July 31, October 31, January 31, April 30**

** Each reporting dated is for samples collected during the previous quarter.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

- (1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.
- (2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more than 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.
- (3) Surchargeable limit only.
- (4) Composite samples may be flow proportioned.
- (5) EPA Test Method 604.
- (6) The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.
- (7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.
- (8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater than 0.01 mg/L.



FORMER BUFFALO COLOR CORPORATION
 SITE
 BUFFALO, NY



GROUNDWATER
 EXTRACTION SYSTEM
 PROCESS FLOW DIAGRAM
 Figure 1

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

2. Definitions

Definitions of terms contained in this permit are as defined in the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet".

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet".

5. Additional Monitoring by Permittee

If the permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York 14213**

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet". These reporting requirements shall not relieve the permittee of any other reports, which may be required by the N.Y.S.D.E.C. or the U.S.E.P.A.

7. Certification Statement

All self-monitoring reports shall include the following certification statement, signed by the preparer of the report:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

B. PERMITTEE REQUIREMENTS

1. Change in Discharge [revised 08/2013]

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the BPDES permit application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new BPDES Permit application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge. A Baseline Monitoring Report shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet".

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager.

3. Spill Prevention and Control Plan [added 08/2013]

The permittee shall have a plan to prevent and control spills into the sewer system. The plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet"

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM – 3:00 PM call 851-4661, ext. 5374. After 3:00 PM call ext. 851-4664, ext. 600. If requested by the B.S.A., Within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification [Revised 08/2013]

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 883-1820 851-4664, ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall also provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. a description of the discharge and cause of noncompliance and;
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

Additionally, the permittee shall repeat the sampling and analysis and submit these results of the report analysis to the Industrial Waste Section within 30 days after

becoming aware of the violation.

6. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

7. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo Sewer System.

8. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

9. Treatment Upsets

- a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:
- (i) A description of the upset, its cause(s) and impact on the discharger's compliance status;
 - (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;
 - (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

- b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

- a. A bypass of the treatment system is prohibited unless the following conditions are met:
 - (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or
 - (ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and
 - (iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.
- b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent its recurrence.
- c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority

and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

- a. Violation of any terms or conditions of this permit,
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the permittee from any requirements, liabilities, or penalties under provisions of the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to \$10,000.00 per day for each violation. Any person who willfully or negligently violates permit

conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the permittee is required to notify the Industrial Waste Section in writing as soon as an anticipated closure date is determined, but in no case later than five days of the actual closure.

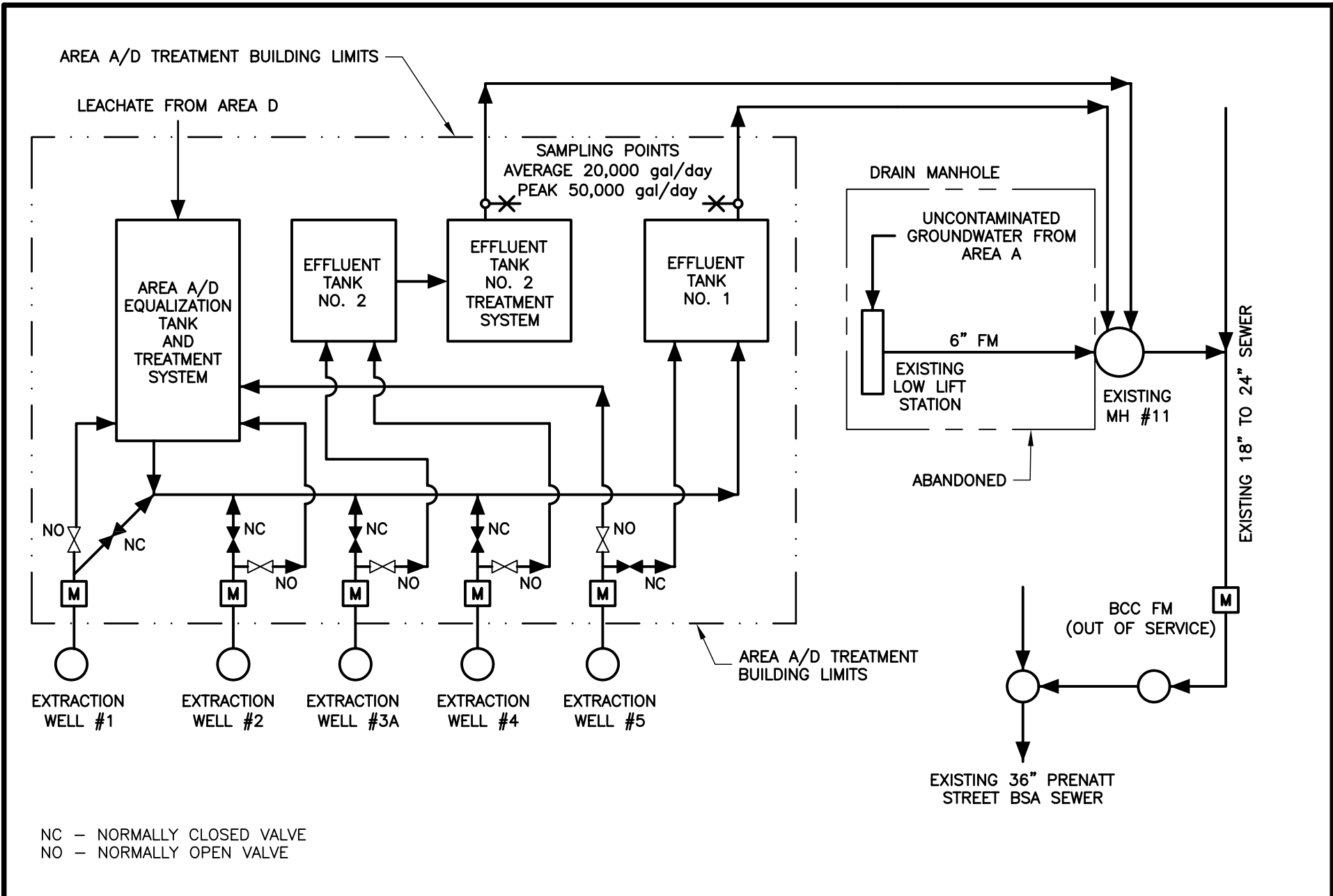
G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



Ontario Specialty Contracting, Inc.
Environmental Remediation • Demolition / Dismantlement • Brownfield Redevelopment

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

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: 480-99333-1

Client Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

Sampling Event: Buffalo Color - Quarterly Sump

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

5/9/2016 11:34:21 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Job ID: 480-99333-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-99333-1

Comments

No additional comments.

Receipt

The samples were received on 4/29/2016 2:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

Method(s) 624: The preservative used in the sample containers provided is not compatible with the Method 624 analytes requested. The following samples were received preserved with hydrochloric acid: BCC BSA SUMP_0416 (480-99333-1) and TRIP BLANK (480-99333-2). The requested target analyte list contains 2-chloroethyl vinyl ether, which are acid-labile compounds that degrade in an acidic medium.

Method(s) 624: The following Volatile samples were composited by the laboratory on 5/2/16 as requested by the client: BCC BSA SUMP_0416 (480-99333-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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) 625: The continuing calibration verification (CCV) associated with batch 480-299558 recovered above the upper control limit for 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 4-Nitrophenol, and Diethyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC BSA SUMP_0416 (480-99333-1).

Method(s) 625: The laboratory control sample (LCS) for preparation batch 480-299164 and analytical batch 480-299558 recovered outside control limits for the following analytes: Diethyl phthalate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC Semi VOA

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

Metals

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

General Chemistry

Method(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP_0416 (480-99333-1).

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: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Client Sample ID: BCC BSA SUMP_0416

Lab Sample ID: 480-99333-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.62	J	5.0	0.44	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	0.56	J	5.0	0.51	ug/L	1		624	Total/NA
Chlorobenzene	3.0	J	5.0	0.48	ug/L	1		624	Total/NA
2-Chlorophenol	1.6	J	4.8	0.64	ug/L	1		625	Total/NA
Acenaphthene	1.5	J	4.8	0.78	ug/L	1		625	Total/NA
Aniline	5.4	J	9.6	1.4	ug/L	1		625	Total/NA
Di-n-butyl phthalate	36	F1	4.8	1.5	ug/L	1		625	Total/NA
Chromium	0.0036	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0027	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0064	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0016	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0033	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.022		0.010	0.0050	mg/L	1		420.1	Total/NA
Cyanide, Amenable	0.030		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Phosphorus	0.40		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.48	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99333-2

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- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Client Sample ID: BCC BSA SUMP_0416

Lab Sample ID: 480-99333-1

Date Collected: 04/29/16 10:00

Matrix: Water

Date Received: 04/29/16 14:15

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/02/16 18:54	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/02/16 18:54	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/02/16 18:54	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/02/16 18:54	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/02/16 18:54	1
1,2-Dichlorobenzene	0.62	J	5.0	0.44	ug/L			05/02/16 18:54	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/02/16 18:54	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/02/16 18:54	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/02/16 18:54	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/02/16 18:54	1
1,4-Dichlorobenzene	0.56	J	5.0	0.51	ug/L			05/02/16 18:54	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/02/16 18:54	1
Acrolein	ND		100	17	ug/L			05/02/16 18:54	1
Acrylonitrile	ND		50	1.9	ug/L			05/02/16 18:54	1
Benzene	ND		5.0	0.60	ug/L			05/02/16 18:54	1
Bromoform	ND		5.0	0.47	ug/L			05/02/16 18:54	1
Bromomethane	ND		5.0	1.2	ug/L			05/02/16 18:54	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/02/16 18:54	1
Chlorobenzene	3.0	J	5.0	0.48	ug/L			05/02/16 18:54	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/02/16 18:54	1
Chloroethane	ND		5.0	0.87	ug/L			05/02/16 18:54	1
Chloroform	ND		5.0	0.54	ug/L			05/02/16 18:54	1
Chloromethane	ND		5.0	0.64	ug/L			05/02/16 18:54	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/02/16 18:54	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/02/16 18:54	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/02/16 18:54	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/02/16 18:54	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/02/16 18:54	1
Toluene	ND		5.0	0.45	ug/L			05/02/16 18:54	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/02/16 18:54	1
Trichloroethene	ND		5.0	0.60	ug/L			05/02/16 18:54	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/02/16 18:54	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/02/16 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		72 - 130		05/02/16 18:54	1
4-Bromofluorobenzene (Surr)	86		69 - 121		05/02/16 18:54	1
Toluene-d8 (Surr)	83		70 - 123		05/02/16 18:54	1
Dibromofluoromethane (Surr)	89		70 - 130		05/02/16 18:54	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.6	0.79	ug/L		04/30/16 08:23	05/03/16 11:14	1
1,2-Dichlorobenzene	ND		9.6	4.8	ug/L		04/30/16 08:23	05/03/16 11:14	1
1,2-Diphenylhydrazine	ND		9.6	0.75	ug/L		04/30/16 08:23	05/03/16 11:14	1
1,3-Dichlorobenzene	ND		9.6	0.66	ug/L		04/30/16 08:23	05/03/16 11:14	1
1,4-Dichlorobenzene	ND		9.6	4.8	ug/L		04/30/16 08:23	05/03/16 11:14	1
2,2'-oxybis[1-chloropropane]	ND		4.8	0.81	ug/L		04/30/16 08:23	05/03/16 11:14	1
2,4,6-Trichlorophenol	ND		4.8	0.96	ug/L		04/30/16 08:23	05/03/16 11:14	1
2,4-Dichlorophenol	ND		4.8	0.74	ug/L		04/30/16 08:23	05/03/16 11:14	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Client Sample ID: BCC BSA SUMP_0416

Lab Sample ID: 480-99333-1

Date Collected: 04/29/16 10:00

Matrix: Water

Date Received: 04/29/16 14:15

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		4.8	1.3	ug/L		04/30/16 08:23	05/03/16 11:14	1
2,4-Dinitrophenol	ND		9.6	4.8	ug/L		04/30/16 08:23	05/03/16 11:14	1
2,4-Dinitrotoluene	ND		4.8	4.8	ug/L		04/30/16 08:23	05/03/16 11:14	1
2,6-Dinitrotoluene	ND		4.8	0.96	ug/L		04/30/16 08:23	05/03/16 11:14	1
2-Chloronaphthalene	ND		4.8	0.88	ug/L		04/30/16 08:23	05/03/16 11:14	1
2-Chlorophenol	1.6	J	4.8	0.64	ug/L		04/30/16 08:23	05/03/16 11:14	1
2-Nitrophenol	ND		4.8	0.67	ug/L		04/30/16 08:23	05/03/16 11:14	1
3,3'-Dichlorobenzidine	ND		4.8	0.79	ug/L		04/30/16 08:23	05/03/16 11:14	1
4,6-Dinitro-2-methylphenol	ND		9.6	0.64	ug/L		04/30/16 08:23	05/03/16 11:14	1
4-Bromophenyl phenyl ether	ND		4.8	1.3	ug/L		04/30/16 08:23	05/03/16 11:14	1
4-Chloro-3-methylphenol	ND		4.8	1.1	ug/L		04/30/16 08:23	05/03/16 11:14	1
4-Chlorophenyl phenyl ether	ND		4.8	1.3	ug/L		04/30/16 08:23	05/03/16 11:14	1
4-Nitrophenol	ND		9.6	9.6	ug/L		04/30/16 08:23	05/03/16 11:14	1
Acenaphthene	1.5	J	4.8	0.78	ug/L		04/30/16 08:23	05/03/16 11:14	1
Acenaphthylene	ND		4.8	0.84	ug/L		04/30/16 08:23	05/03/16 11:14	1
Aniline	5.4	J	9.6	1.4	ug/L		04/30/16 08:23	05/03/16 11:14	1
Anthracene	ND		4.8	1.3	ug/L		04/30/16 08:23	05/03/16 11:14	1
Benzidine	ND	F2	77	34	ug/L		04/30/16 08:23	05/03/16 11:14	1
Benzo[a]anthracene	ND		4.8	1.1	ug/L		04/30/16 08:23	05/03/16 11:14	1
Benzo[a]pyrene	ND		4.8	1.3	ug/L		04/30/16 08:23	05/03/16 11:14	1
Benzo[b]fluoranthene	ND		4.8	1.2	ug/L		04/30/16 08:23	05/03/16 11:14	1
Benzo[g,h,i]perylene	ND		4.8	1.4	ug/L		04/30/16 08:23	05/03/16 11:14	1
Benzo[k]fluoranthene	ND		4.8	1.3	ug/L		04/30/16 08:23	05/03/16 11:14	1
Bis(2-chloroethoxy)methane	ND		4.8	0.72	ug/L		04/30/16 08:23	05/03/16 11:14	1
Bis(2-chloroethyl)ether	ND		4.8	0.90	ug/L		04/30/16 08:23	05/03/16 11:14	1
Bis(2-ethylhexyl) phthalate	ND		9.6	1.2	ug/L		04/30/16 08:23	05/03/16 11:14	1
Butyl benzyl phthalate	ND		4.8	1.1	ug/L		04/30/16 08:23	05/03/16 11:14	1
Chrysene	ND		4.8	0.96	ug/L		04/30/16 08:23	05/03/16 11:14	1
Decane	ND		9.6	1.5	ug/L		04/30/16 08:23	05/03/16 11:14	1
Dibenz(a,h)anthracene	ND		4.8	1.4	ug/L		04/30/16 08:23	05/03/16 11:14	1
Diethyl phthalate	ND	F1 *	4.8	0.96	ug/L		04/30/16 08:23	05/03/16 11:14	1
Dimethyl phthalate	ND		4.8	0.88	ug/L		04/30/16 08:23	05/03/16 11:14	1
Di-n-butyl phthalate	36	F1	4.8	1.5	ug/L		04/30/16 08:23	05/03/16 11:14	1
Di-n-octyl phthalate	ND		4.8	1.2	ug/L		04/30/16 08:23	05/03/16 11:14	1
Fluoranthene	ND		4.8	1.5	ug/L		04/30/16 08:23	05/03/16 11:14	1
Fluorene	ND		4.8	0.96	ug/L		04/30/16 08:23	05/03/16 11:14	1
Hexachlorobenzene	ND		4.8	0.96	ug/L		04/30/16 08:23	05/03/16 11:14	1
Hexachlorobutadiene	ND		4.8	0.96	ug/L		04/30/16 08:23	05/03/16 11:14	1
Hexachlorocyclopentadiene	ND		4.8	4.8	ug/L		04/30/16 08:23	05/03/16 11:14	1
Hexachloroethane	ND		4.8	0.58	ug/L		04/30/16 08:23	05/03/16 11:14	1
Indeno[1,2,3-cd]pyrene	ND		4.8	1.4	ug/L		04/30/16 08:23	05/03/16 11:14	1
Isophorone	ND		4.8	0.71	ug/L		04/30/16 08:23	05/03/16 11:14	1
Naphthalene	ND		4.8	0.83	ug/L		04/30/16 08:23	05/03/16 11:14	1
Nitrobenzene	ND		4.8	0.78	ug/L		04/30/16 08:23	05/03/16 11:14	1
N-Nitrosodimethylamine	ND		9.6	4.8	ug/L		04/30/16 08:23	05/03/16 11:14	1
N-Nitrosodi-n-propylamine	ND		4.8	0.86	ug/L		04/30/16 08:23	05/03/16 11:14	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		04/30/16 08:23	05/03/16 11:14	1
n-Octadecane	ND		9.6	1.2	ug/L		04/30/16 08:23	05/03/16 11:14	1
Pentachlorophenol	ND		9.6	1.5	ug/L		04/30/16 08:23	05/03/16 11:14	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Client Sample ID: BCC BSA SUMP_0416

Lab Sample ID: 480-99333-1

Date Collected: 04/29/16 10:00

Matrix: Water

Date Received: 04/29/16 14:15

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		4.8	1.2	ug/L		04/30/16 08:23	05/03/16 11:14	1
Phenol	ND		4.8	0.34	ug/L		04/30/16 08:23	05/03/16 11:14	1
Pyrene	ND	F1	4.8	1.3	ug/L		04/30/16 08:23	05/03/16 11:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	123		52 - 151				04/30/16 08:23	05/03/16 11:14	1
2-Fluorobiphenyl	109		44 - 120				04/30/16 08:23	05/03/16 11:14	1
2-Fluorophenol	53		17 - 120				04/30/16 08:23	05/03/16 11:14	1
Nitrobenzene-d5	111		42 - 120				04/30/16 08:23	05/03/16 11:14	1
Phenol-d5	37		10 - 120				04/30/16 08:23	05/03/16 11:14	1
p-Terphenyl-d14	91		22 - 125				04/30/16 08:23	05/03/16 11:14	1

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.058	0.037	ug/L		04/30/16 08:28	05/02/16 22:09	1
PCB-1221	ND		0.058	0.037	ug/L		04/30/16 08:28	05/02/16 22:09	1
PCB-1232	ND		0.058	0.037	ug/L		04/30/16 08:28	05/02/16 22:09	1
PCB-1242	ND		0.058	0.037	ug/L		04/30/16 08:28	05/02/16 22:09	1
PCB-1248	ND		0.058	0.037	ug/L		04/30/16 08:28	05/02/16 22:09	1
PCB-1254	ND		0.058	0.030	ug/L		04/30/16 08:28	05/02/16 22:09	1
PCB-1260	ND		0.058	0.030	ug/L		04/30/16 08:28	05/02/16 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		26 - 135				04/30/16 08:28	05/02/16 22:09	1
Tetrachloro-m-xylene	66		27 - 159				04/30/16 08:28	05/02/16 22:09	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0036	J	0.0040	0.0010	mg/L		05/02/16 07:50	05/02/16 16:49	1
Copper	0.0027	J	0.010	0.0016	mg/L		05/02/16 07:50	05/02/16 16:49	1
Lead	0.0064	J	0.010	0.0030	mg/L		05/02/16 07:50	05/02/16 16:49	1
Nickel	0.0016	J	0.010	0.0013	mg/L		05/02/16 07:50	05/02/16 16:49	1
Zinc	0.0033	J	0.010	0.0015	mg/L		05/02/16 07:50	05/02/16 16:49	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/03/16 09:20	05/03/16 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	0.022		0.010	0.0050	mg/L		05/05/16 20:41	05/06/16 11:25	1
Cyanide, Amenable	0.030		0.010	0.0050	mg/L			05/03/16 17:11	1
Phosphorus	0.40		0.010	0.0050	mg/L as P			05/02/16 10:20	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			04/29/16 16:41	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/05/16 09:00	1
pH	8.48	HF	0.100	0.100	SU			05/02/16 17:03	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99333-2

Date Collected: 04/29/16 00:00

Matrix: Water

Date Received: 04/29/16 14:15

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/02/16 19:17	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/02/16 19:17	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/02/16 19:17	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/02/16 19:17	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/02/16 19:17	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/02/16 19:17	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/02/16 19:17	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/02/16 19:17	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/02/16 19:17	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/02/16 19:17	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/02/16 19:17	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/02/16 19:17	1
Acrolein	ND		100	17	ug/L			05/02/16 19:17	1
Acrylonitrile	ND		50	1.9	ug/L			05/02/16 19:17	1
Benzene	ND		5.0	0.60	ug/L			05/02/16 19:17	1
Bromoform	ND		5.0	0.47	ug/L			05/02/16 19:17	1
Bromomethane	ND		5.0	1.2	ug/L			05/02/16 19:17	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/02/16 19:17	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/02/16 19:17	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/02/16 19:17	1
Chloroethane	ND		5.0	0.87	ug/L			05/02/16 19:17	1
Chloroform	ND		5.0	0.54	ug/L			05/02/16 19:17	1
Chloromethane	ND		5.0	0.64	ug/L			05/02/16 19:17	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/02/16 19:17	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/02/16 19:17	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/02/16 19:17	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/02/16 19:17	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/02/16 19:17	1
Toluene	ND		5.0	0.45	ug/L			05/02/16 19:17	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/02/16 19:17	1
Trichloroethene	ND		5.0	0.60	ug/L			05/02/16 19:17	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/02/16 19:17	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/02/16 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		72 - 130		05/02/16 19:17	1
4-Bromofluorobenzene (Surr)	87		69 - 121		05/02/16 19:17	1
Toluene-d8 (Surr)	83		70 - 123		05/02/16 19:17	1
Dibromofluoromethane (Surr)	89		70 - 130		05/02/16 19:17	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE	BFB	TOL	DBFM
		(72-130)	(69-121)	(70-123)	(70-130)
480-99333-1	BCC BSA SUMP_0416	86	86	83	89
480-99333-2	TRIP BLANK	86	87	83	89
LCS 480-299384/5	Lab Control Sample	84	88	83	90
MB 480-299384/55	Method Blank	85	87	83	89

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	PHL	TPH
		(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-99333-1	BCC BSA SUMP_0416	123	109	53	111	37	91
480-99333-1 MS	BCC BSA SUMP_0416	118	98	77	99	64	104
480-99333-1 MSD	BCC BSA SUMP_0416	127	94	70	100	63	107
LCS 480-299164/2-A	Lab Control Sample	116	101	58	97	42	106
MB 480-299164/1-A	Method Blank	100	96	50	98	38	115

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2	TCX2
		(26-135)	(27-159)
480-99333-1	BCC BSA SUMP_0416	46	66
LCS 480-299167/2-A	Lab Control Sample	56	90
MB 480-299167/1-A	Method Blank	71	88

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-299384/55

Matrix: Water

Analysis Batch: 299384

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		5.0	0.39	ug/L			05/02/16 15:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/02/16 15:32	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/02/16 15:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/02/16 15:32	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/02/16 15:32	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/02/16 15:32	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/02/16 15:32	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/02/16 15:32	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/02/16 15:32	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/02/16 15:32	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/02/16 15:32	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/02/16 15:32	1
Acrolein	ND		100	17	ug/L			05/02/16 15:32	1
Acrylonitrile	ND		50	1.9	ug/L			05/02/16 15:32	1
Benzene	ND		5.0	0.60	ug/L			05/02/16 15:32	1
Bromoform	ND		5.0	0.47	ug/L			05/02/16 15:32	1
Bromomethane	ND		5.0	1.2	ug/L			05/02/16 15:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/02/16 15:32	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/02/16 15:32	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/02/16 15:32	1
Chloroethane	ND		5.0	0.87	ug/L			05/02/16 15:32	1
Chloroform	ND		5.0	0.54	ug/L			05/02/16 15:32	1
Chloromethane	ND		5.0	0.64	ug/L			05/02/16 15:32	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/02/16 15:32	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/02/16 15:32	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/02/16 15:32	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/02/16 15:32	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/02/16 15:32	1
Toluene	ND		5.0	0.45	ug/L			05/02/16 15:32	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/02/16 15:32	1
Trichloroethene	ND		5.0	0.60	ug/L			05/02/16 15:32	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/02/16 15:32	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/02/16 15:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		72 - 130		05/02/16 15:32	1
4-Bromofluorobenzene (Surr)	87		69 - 121		05/02/16 15:32	1
Toluene-d8 (Surr)	83		70 - 123		05/02/16 15:32	1
Dibromofluoromethane (Surr)	89		70 - 130		05/02/16 15:32	1

Lab Sample ID: LCS 480-299384/5

Matrix: Water

Analysis Batch: 299384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	17.3		ug/L		86	52 - 162
1,1,2,2-Tetrachloroethane	20.0	16.2		ug/L		81	46 - 157
1,1,2-Trichloroethane	20.0	17.5		ug/L		87	52 - 150

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-299384/5

Matrix: Water

Analysis Batch: 299384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	17.9		ug/L		90	59 - 155
1,1-Dichloroethene	20.0	16.0		ug/L		80	1 - 234
1,2-Dichlorobenzene	20.0	18.2		ug/L		91	18 - 190
1,2-Dichloroethane	20.0	18.3		ug/L		91	49 - 155
1,2-Dichloropropane	20.0	21.2		ug/L		106	1 - 210
1,3-Dichlorobenzene	20.0	18.3		ug/L		91	59 - 156
1,4-Dichlorobenzene	20.0	18.5		ug/L		93	18 - 190
2-Chloroethyl vinyl ether	20.0	23.5	J	ug/L		118	1 - 305
Benzene	20.0	18.7		ug/L		93	37 - 151
Bromoform	20.0	20.9		ug/L		105	45 - 169
Bromomethane	20.0	14.7		ug/L		73	1 - 242
Carbon tetrachloride	20.0	19.5		ug/L		97	70 - 140
Chlorobenzene	20.0	19.3		ug/L		96	37 - 160
Dibromochloromethane	20.0	19.1		ug/L		95	53 - 149
Chloroethane	20.0	14.9		ug/L		74	14 - 230
Chloroform	20.0	17.3		ug/L		87	51 - 138
Chloromethane	20.0	17.4		ug/L		87	1 - 273
cis-1,3-Dichloropropene	20.0	21.9		ug/L		109	1 - 227
Bromodichloromethane	20.0	18.8		ug/L		94	35 - 155
Ethylbenzene	20.0	17.5		ug/L		87	37 - 162
Methylene Chloride	20.0	17.5		ug/L		88	1 - 221
Tetrachloroethene	20.0	19.1		ug/L		95	64 - 148
Toluene	20.0	17.2		ug/L		86	47 - 150
trans-1,3-Dichloropropene	20.0	19.5		ug/L		98	17 - 183
Trichloroethene	20.0	18.8		ug/L		94	71 - 157
Trichlorofluoromethane	20.0	15.4		ug/L		77	17 - 181
Vinyl chloride	20.0	16.9		ug/L		85	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		72 - 130
4-Bromofluorobenzene (Surr)	88		69 - 121
Toluene-d8 (Surr)	83		70 - 123
Dibromofluoromethane (Surr)	90		70 - 130

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-299164/1-A

Matrix: Water

Analysis Batch: 299558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		04/30/16 08:23	05/03/16 09:25	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		04/30/16 08:23	05/03/16 09:25	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		04/30/16 08:23	05/03/16 09:25	1
1,4-Dichlorobenzene	ND		10	5.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		04/30/16 08:23	05/03/16 09:25	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		04/30/16 08:23	05/03/16 09:25	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-299164/1-A

Matrix: Water

Analysis Batch: 299558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299164

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		04/30/16 08:23	05/03/16 09:25	1
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		04/30/16 08:23	05/03/16 09:25	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
2,4-Dinitrotoluene	ND		5.0	5.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		04/30/16 08:23	05/03/16 09:25	1
2-Chlorophenol	ND		5.0	0.66	ug/L		04/30/16 08:23	05/03/16 09:25	1
2-Nitrophenol	ND		5.0	0.70	ug/L		04/30/16 08:23	05/03/16 09:25	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		04/30/16 08:23	05/03/16 09:25	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		04/30/16 08:23	05/03/16 09:25	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		04/30/16 08:23	05/03/16 09:25	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		04/30/16 08:23	05/03/16 09:25	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		04/30/16 08:23	05/03/16 09:25	1
4-Nitrophenol	ND		10	10	ug/L		04/30/16 08:23	05/03/16 09:25	1
Acenaphthene	ND		5.0	0.81	ug/L		04/30/16 08:23	05/03/16 09:25	1
Acenaphthylene	ND		5.0	0.87	ug/L		04/30/16 08:23	05/03/16 09:25	1
Aniline	ND		10	1.5	ug/L		04/30/16 08:23	05/03/16 09:25	1
Anthracene	ND		5.0	1.4	ug/L		04/30/16 08:23	05/03/16 09:25	1
Benzidine	ND		80	35	ug/L		04/30/16 08:23	05/03/16 09:25	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		04/30/16 08:23	05/03/16 09:25	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		04/30/16 08:23	05/03/16 09:25	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		04/30/16 08:23	05/03/16 09:25	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		04/30/16 08:23	05/03/16 09:25	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		04/30/16 08:23	05/03/16 09:25	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		04/30/16 08:23	05/03/16 09:25	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		04/30/16 08:23	05/03/16 09:25	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		04/30/16 08:23	05/03/16 09:25	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		04/30/16 08:23	05/03/16 09:25	1
Chrysene	ND		5.0	1.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
Decane	ND		10	1.6	ug/L		04/30/16 08:23	05/03/16 09:25	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		04/30/16 08:23	05/03/16 09:25	1
Diethyl phthalate	ND		5.0	1.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		04/30/16 08:23	05/03/16 09:25	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		04/30/16 08:23	05/03/16 09:25	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		04/30/16 08:23	05/03/16 09:25	1
Fluoranthene	ND		5.0	1.6	ug/L		04/30/16 08:23	05/03/16 09:25	1
Fluorene	ND		5.0	1.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
Hexachlorocyclopentadiene	ND		5.0	5.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
Hexachloroethane	ND		5.0	0.60	ug/L		04/30/16 08:23	05/03/16 09:25	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		04/30/16 08:23	05/03/16 09:25	1
Isophorone	ND		5.0	0.74	ug/L		04/30/16 08:23	05/03/16 09:25	1
Naphthalene	ND		5.0	0.86	ug/L		04/30/16 08:23	05/03/16 09:25	1
Nitrobenzene	ND		5.0	0.81	ug/L		04/30/16 08:23	05/03/16 09:25	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		04/30/16 08:23	05/03/16 09:25	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		04/30/16 08:23	05/03/16 09:25	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		04/30/16 08:23	05/03/16 09:25	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-299164/1-A

Matrix: Water

Analysis Batch: 299558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Octadecane	ND		10	1.2	ug/L		04/30/16 08:23	05/03/16 09:25	1
Pentachlorophenol	ND		10	1.6	ug/L		04/30/16 08:23	05/03/16 09:25	1
Phenanthrene	ND		5.0	1.2	ug/L		04/30/16 08:23	05/03/16 09:25	1
Phenol	ND		5.0	0.35	ug/L		04/30/16 08:23	05/03/16 09:25	1
Pyrene	ND		5.0	1.4	ug/L		04/30/16 08:23	05/03/16 09:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 151	04/30/16 08:23	05/03/16 09:25	1
2-Fluorobiphenyl	96		44 - 120	04/30/16 08:23	05/03/16 09:25	1
2-Fluorophenol	50		17 - 120	04/30/16 08:23	05/03/16 09:25	1
Nitrobenzene-d5	98		42 - 120	04/30/16 08:23	05/03/16 09:25	1
Phenol-d5	38		10 - 120	04/30/16 08:23	05/03/16 09:25	1
p-Terphenyl-d14	115		22 - 125	04/30/16 08:23	05/03/16 09:25	1

Lab Sample ID: LCS 480-299164/2-A

Matrix: Water

Analysis Batch: 299558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	41.4		ug/L		83	44 - 142
1,2-Dichlorobenzene	50.0	39.0		ug/L		78	32 - 129
1,3-Dichlorobenzene	50.0	35.7		ug/L		71	1 - 172
1,4-Dichlorobenzene	50.0	37.4		ug/L		75	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	39.4		ug/L		79	36 - 166
2,4,6-Trichlorophenol	50.0	53.2		ug/L		106	37 - 144
2,4-Dichlorophenol	50.0	52.6		ug/L		105	39 - 135
2,4-Dimethylphenol	50.0	52.0		ug/L		104	32 - 119
2,4-Dinitrophenol	100	103		ug/L		103	1 - 191
2,4-Dinitrotoluene	50.0	61.1		ug/L		122	39 - 139
2,6-Dinitrotoluene	50.0	54.6		ug/L		109	50 - 158
2-Chloronaphthalene	50.0	49.1		ug/L		98	60 - 118
2-Chlorophenol	50.0	43.3		ug/L		87	23 - 134
2-Nitrophenol	50.0	50.9		ug/L		102	29 - 182
3,3'-Dichlorobenzidine	100	107		ug/L		107	1 - 262
4,6-Dinitro-2-methylphenol	100	112		ug/L		112	1 - 181
4-Bromophenyl phenyl ether	50.0	53.9		ug/L		108	53 - 127
4-Chloro-3-methylphenol	50.0	57.0		ug/L		114	22 - 147
4-Chlorophenyl phenyl ether	50.0	52.8		ug/L		106	25 - 158
4-Nitrophenol	100	87.7		ug/L		88	1 - 132
Acenaphthene	50.0	52.2		ug/L		104	47 - 145
Acenaphthylene	50.0	50.2		ug/L		100	33 - 145
Aniline	50.0	31.7		ug/L		63	40 - 120
Anthracene	50.0	54.1		ug/L		108	27 - 133
Benzo[a]anthracene	50.0	53.4		ug/L		107	33 - 143
Benzo[a]pyrene	50.0	56.2		ug/L		112	17 - 163
Benzo[b]fluoranthene	50.0	52.5		ug/L		105	24 - 159
Benzo[g,h,i]perylene	50.0	57.1		ug/L		114	1 - 219
Benzo[k]fluoranthene	50.0	59.9		ug/L		120	11 - 162

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-299164/2-A

Matrix: Water

Analysis Batch: 299558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	50.0	47.8		ug/L		96	33 - 184
Bis(2-chloroethyl)ether	50.0	41.1		ug/L		82	12 - 158
Bis(2-ethylhexyl) phthalate	50.0	55.7		ug/L		111	8 - 158
Butyl benzyl phthalate	50.0	58.4		ug/L		117	1 - 152
Chrysene	50.0	52.8		ug/L		106	17 - 168
Dibenz(a,h)anthracene	50.0	55.9		ug/L		112	1 - 227
Diethyl phthalate	50.0	60.6	*	ug/L		121	1 - 114
Dimethyl phthalate	50.0	54.9		ug/L		110	1 - 112
Di-n-butyl phthalate	50.0	56.4		ug/L		113	1 - 118
Di-n-octyl phthalate	50.0	55.2		ug/L		110	4 - 146
Fluoranthene	50.0	54.2		ug/L		108	26 - 137
Fluorene	50.0	53.4		ug/L		107	59 - 121
Hexachlorobenzene	50.0	56.8		ug/L		114	1 - 152
Hexachlorocyclopentadiene	50.0	40.5		ug/L		81	5 - 120
Hexachloroethane	50.0	41.8		ug/L		84	40 - 113
Indeno[1,2,3-cd]pyrene	50.0	56.4		ug/L		113	1 - 171
Isophorone	50.0	50.2		ug/L		100	21 - 196
Naphthalene	50.0	45.5		ug/L		91	21 - 133
Nitrobenzene	50.0	48.5		ug/L		97	35 - 180
N-Nitrosodi-n-propylamine	50.0	48.2		ug/L		96	1 - 230
N-Nitrosodiphenylamine	50.0	52.4		ug/L		105	54 - 125
Pentachlorophenol	100	99.5		ug/L		100	14 - 176
Phenanthrene	50.0	54.0		ug/L		108	54 - 120
Phenol	50.0	23.9		ug/L		48	5 - 112
Pyrene	50.0	56.9		ug/L		114	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	116		52 - 151
2-Fluorobiphenyl	101		44 - 120
2-Fluorophenol	58		17 - 120
Nitrobenzene-d5	97		42 - 120
Phenol-d5	42		10 - 120
p-Terphenyl-d14	106		22 - 125

Lab Sample ID: 480-99333-1 MS

Matrix: Water

Analysis Batch: 299558

Client Sample ID: BCC BSA SUMP_0416

Prep Type: Total/NA

Prep Batch: 299164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		100	84.5		ug/L		84	44 - 142
1,2-Dichlorobenzene	ND		100	91.3		ug/L		91	32 - 129
1,3-Dichlorobenzene	ND		100	86.9		ug/L		87	1 - 172
1,4-Dichlorobenzene	ND		100	86.8		ug/L		87	20 - 124
2,2'-oxybis[1-chloropropane]	ND		100	87.9		ug/L		88	36 - 166
2,4,6-Trichlorophenol	ND		100	106		ug/L		106	37 - 144
2,4-Dichlorophenol	ND		100	105		ug/L		105	39 - 135
2,4-Dimethylphenol	ND		100	109		ug/L		109	32 - 119
2,4-Dinitrophenol	ND		200	214		ug/L		107	1 - 191

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-99333-1 MS

Matrix: Water

Analysis Batch: 299558

Client Sample ID: BCC BSA SUMP_0416

Prep Type: Total/NA

Prep Batch: 299164

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2,4-Dinitrotoluene	ND		100	120		ug/L		120	39 - 139
2,6-Dinitrotoluene	ND		100	116		ug/L		116	50 - 158
2-Chloronaphthalene	ND		100	95.5		ug/L		95	60 - 118
2-Chlorophenol	1.6	J	100	96.4		ug/L		95	23 - 134
2-Nitrophenol	ND		100	109		ug/L		109	29 - 182
3,3'-Dichlorobenzidine	ND		200	203		ug/L		102	1 - 262
4,6-Dinitro-2-methylphenol	ND		200	223		ug/L		111	1 - 181
4-Bromophenyl phenyl ether	ND		100	102		ug/L		102	53 - 127
4-Chloro-3-methylphenol	ND		100	120		ug/L		120	22 - 147
4-Chlorophenyl phenyl ether	ND		100	107		ug/L		107	25 - 158
4-Nitrophenol	ND		200	240		ug/L		120	1 - 132
Acenaphthene	1.5	J	100	102		ug/L		100	47 - 145
Acenaphthylene	ND		100	101		ug/L		101	33 - 145
Aniline	5.4	J	100	79.9		ug/L		74	40 - 120
Anthracene	ND		100	110		ug/L		110	27 - 133
Benzo[a]anthracene	ND		100	110		ug/L		110	33 - 143
Benzo[a]pyrene	ND		100	110		ug/L		110	17 - 163
Benzo[b]fluoranthene	ND		100	110		ug/L		110	24 - 159
Benzo[g,h,i]perylene	ND		100	107		ug/L		107	1 - 219
Benzo[k]fluoranthene	ND		100	107		ug/L		107	11 - 162
Bis(2-chloroethoxy)methane	ND		100	97.2		ug/L		97	33 - 184
Bis(2-chloroethyl)ether	ND		100	91.0		ug/L		91	12 - 158
Bis(2-ethylhexyl) phthalate	ND		100	114		ug/L		114	8 - 158
Butyl benzyl phthalate	ND		100	125		ug/L		125	1 - 152
Chrysene	ND		100	107		ug/L		107	17 - 168
Dibenz(a,h)anthracene	ND		100	107		ug/L		107	1 - 227
Diethyl phthalate	ND	F1 *	100	117	F1	ug/L		117	1 - 114
Dimethyl phthalate	ND		100	107		ug/L		107	1 - 112
Di-n-butyl phthalate	36	F1	100	150		ug/L		114	1 - 118
Di-n-octyl phthalate	ND		100	113		ug/L		113	4 - 146
Fluoranthene	ND		100	109		ug/L		109	26 - 137
Fluorene	ND		100	106		ug/L		106	59 - 121
Hexachlorobenzene	ND		100	108		ug/L		108	1 - 152
Hexachlorocyclopentadiene	ND		100	88.9		ug/L		89	5 - 120
Hexachloroethane	ND		100	94.3		ug/L		94	40 - 113
Indeno[1,2,3-cd]pyrene	ND		100	108		ug/L		108	1 - 171
Isophorone	ND		100	105		ug/L		105	21 - 196
Naphthalene	ND		100	92.0		ug/L		92	21 - 133
Nitrobenzene	ND		100	105		ug/L		105	35 - 180
N-Nitrosodi-n-propylamine	ND		100	105		ug/L		105	1 - 230
N-Nitrosodiphenylamine	ND		100	103		ug/L		103	54 - 125
Pentachlorophenol	ND		200	201		ug/L		101	14 - 176
Phenanthrene	ND		100	106		ug/L		106	54 - 120
Phenol	ND		100	72.2		ug/L		72	5 - 112
Pyrene	ND	F1	100	115		ug/L		115	52 - 115

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	118		52 - 151

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-99333-1 MS

Matrix: Water

Analysis Batch: 299558

Client Sample ID: BCC BSA SUMP_0416

Prep Type: Total/NA

Prep Batch: 299164

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	98		44 - 120
2-Fluorophenol	77		17 - 120
Nitrobenzene-d5	99		42 - 120
Phenol-d5	64		10 - 120
p-Terphenyl-d14	104		22 - 125

Lab Sample ID: 480-99333-1 MSD

Matrix: Water

Analysis Batch: 299558

Client Sample ID: BCC BSA SUMP_0416

Prep Type: Total/NA

Prep Batch: 299164

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
1,2,4-Trichlorobenzene	ND		100	86.9		ug/L		87	44 - 142	3	34	
1,2-Dichlorobenzene	ND		100	83.0		ug/L		83	32 - 129	10	38	
1,3-Dichlorobenzene	ND		100	78.2		ug/L		78	1 - 172	10	37	
1,4-Dichlorobenzene	ND		100	77.4		ug/L		77	20 - 124	12	40	
2,2'-oxybis[1-chloropropane]	ND		100	85.6		ug/L		86	36 - 166	3	36	
2,4,6-Trichlorophenol	ND		100	101		ug/L		101	37 - 144	5	20	
2,4-Dichlorophenol	ND		100	113		ug/L		113	39 - 135	7	23	
2,4-Dimethylphenol	ND		100	113		ug/L		113	32 - 119	3	18	
2,4-Dinitrophenol	ND		200	226		ug/L		113	1 - 191	6	29	
2,4-Dinitrotoluene	ND		100	117		ug/L		117	39 - 139	2	20	
2,6-Dinitrotoluene	ND		100	110		ug/L		110	50 - 158	5	17	
2-Chloronaphthalene	ND		100	95.4		ug/L		95	60 - 118	0	30	
2-Chlorophenol	1.6	J	100	91.8		ug/L		90	23 - 134	5	26	
2-Nitrophenol	ND		100	103		ug/L		103	29 - 182	6	28	
3,3'-Dichlorobenzidine	ND		200	210		ug/L		105	1 - 262	3	31	
4,6-Dinitro-2-methylphenol	ND		200	224		ug/L		112	1 - 181	1	30	
4-Bromophenyl phenyl ether	ND		100	109		ug/L		109	53 - 127	6	16	
4-Chloro-3-methylphenol	ND		100	123		ug/L		123	22 - 147	2	16	
4-Chlorophenyl phenyl ether	ND		100	107		ug/L		107	25 - 158	0	15	
4-Nitrophenol	ND		200	250		ug/L		125	1 - 132	4	24	
Acenaphthene	1.5	J	100	101		ug/L		100	47 - 145	1	25	
Acenaphthylene	ND		100	95.9		ug/L		96	33 - 145	6	22	
Aniline	5.4	J	100	76.5		ug/L		71	40 - 120	4	30	
Anthracene	ND		100	109		ug/L		109	27 - 133	1	15	
Benzo[a]anthracene	ND		100	113		ug/L		113	33 - 143	2	15	
Benzo[a]pyrene	ND		100	114		ug/L		114	17 - 163	4	15	
Benzo[b]fluoranthene	ND		100	116		ug/L		116	24 - 159	5	17	
Benzo[g,h,i]perylene	ND		100	114		ug/L		114	1 - 219	6	19	
Benzo[k]fluoranthene	ND		100	112		ug/L		112	11 - 162	5	19	
Bis(2-chloroethoxy)methane	ND		100	96.6		ug/L		97	33 - 184	1	23	
Bis(2-chloroethyl)ether	ND		100	88.3		ug/L		88	12 - 158	3	33	
Bis(2-ethylhexyl) phthalate	ND		100	120		ug/L		120	8 - 158	6	15	
Butyl benzyl phthalate	ND		100	125		ug/L		125	1 - 152	0	15	
Chrysene	ND		100	112		ug/L		112	17 - 168	4	15	
Dibenz(a,h)anthracene	ND		100	113		ug/L		113	1 - 227	5	18	
Diethyl phthalate	ND	F1 *	100	119	F1	ug/L		119	1 - 114	2	15	
Dimethyl phthalate	ND		100	108		ug/L		108	1 - 112	1	15	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-99333-1 MSD

Matrix: Water

Analysis Batch: 299558

Client Sample ID: BCC BSA SUMP_0416

Prep Type: Total/NA

Prep Batch: 299164

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-butyl phthalate	36	F1	100	156	F1	ug/L		120	1 - 118	4	15
Di-n-octyl phthalate	ND		100	118		ug/L		118	4 - 146	4	15
Fluoranthene	ND		100	112		ug/L		112	26 - 137	3	15
Fluorene	ND		100	104		ug/L		104	59 - 121	2	18
Hexachlorobenzene	ND		100	113		ug/L		113	1 - 152	4	15
Hexachlorocyclopentadiene	ND		100	82.3		ug/L		82	5 - 120	8	50
Hexachloroethane	ND		100	87.6		ug/L		88	40 - 113	7	43
Indeno[1,2,3-cd]pyrene	ND		100	112		ug/L		112	1 - 171	4	17
Isophorone	ND		100	106		ug/L		106	21 - 196	1	21
Naphthalene	ND		100	95.2		ug/L		95	21 - 133	4	31
Nitrobenzene	ND		100	101		ug/L		101	35 - 180	4	27
N-Nitrosodi-n-propylamine	ND		100	103		ug/L		103	1 - 230	2	23
N-Nitrosodiphenylamine	ND		100	106		ug/L		106	54 - 125	2	15
Pentachlorophenol	ND		200	220		ug/L		110	14 - 176	9	21
Phenanthrene	ND		100	107		ug/L		107	54 - 120	1	16
Phenol	ND		100	71.1		ug/L		71	5 - 112	2	36
Pyrene	ND	F1	100	119	F1	ug/L		119	52 - 115	3	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	127		52 - 151
2-Fluorobiphenyl	94		44 - 120
2-Fluorophenol	70		17 - 120
Nitrobenzene-d5	100		42 - 120
Phenol-d5	63		10 - 120
p-Terphenyl-d14	107		22 - 125

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-299167/1-A

Matrix: Water

Analysis Batch: 299468

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299167

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.060	0.038	ug/L		04/30/16 08:28	05/02/16 19:49	1
PCB-1221	ND		0.060	0.038	ug/L		04/30/16 08:28	05/02/16 19:49	1
PCB-1232	ND		0.060	0.038	ug/L		04/30/16 08:28	05/02/16 19:49	1
PCB-1242	ND		0.060	0.038	ug/L		04/30/16 08:28	05/02/16 19:49	1
PCB-1248	ND		0.060	0.038	ug/L		04/30/16 08:28	05/02/16 19:49	1
PCB-1254	ND		0.060	0.031	ug/L		04/30/16 08:28	05/02/16 19:49	1
PCB-1260	ND		0.060	0.031	ug/L		04/30/16 08:28	05/02/16 19:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		26 - 135	04/30/16 08:28	05/02/16 19:49	1
Tetrachloro-m-xylene	88		27 - 159	04/30/16 08:28	05/02/16 19:49	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 480-299167/2-A

Matrix: Water

Analysis Batch: 299468

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299167

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	1.04		ug/L		104	40 - 142
PCB-1260	1.00	0.976		ug/L		98	67 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	56		26 - 135
Tetrachloro-m-xylene	90		27 - 159

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-299180/1-A

Matrix: Water

Analysis Batch: 299543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		05/02/16 07:50	05/02/16 16:43	1
Copper	ND		0.010	0.0016	mg/L		05/02/16 07:50	05/02/16 16:43	1
Lead	ND		0.010	0.0030	mg/L		05/02/16 07:50	05/02/16 16:43	1
Nickel	ND		0.010	0.0013	mg/L		05/02/16 07:50	05/02/16 16:43	1
Zinc	ND		0.010	0.0015	mg/L		05/02/16 07:50	05/02/16 16:43	1

Lab Sample ID: LCS 480-299180/2-A

Matrix: Water

Analysis Batch: 299543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.186		mg/L		93	85 - 115
Copper	0.200	0.192		mg/L		96	85 - 115
Lead	0.200	0.189		mg/L		94	85 - 115
Nickel	0.200	0.189		mg/L		95	85 - 115
Zinc	0.200	0.185		mg/L		93	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-299454/1-A

Matrix: Water

Analysis Batch: 299796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 299454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/03/16 09:20	05/03/16 13:23	1

Lab Sample ID: LCS 480-299454/2-A

Matrix: Water

Analysis Batch: 299796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 299454

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00653		mg/L		98	85 - 115

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: 420.1 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-300253/1-A
 Matrix: Water
 Analysis Batch: 300429

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 300253

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		05/05/16 20:41	05/06/16 09:31	1

Lab Sample ID: LCS 480-300253/2-A
 Matrix: Water
 Analysis Batch: 300429

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 300253

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.110		mg/L		110	90 - 110

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-300087/1
 Matrix: Water
 Analysis Batch: 300087

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			05/05/16 09:00	1

Lab Sample ID: LCS 480-300087/2
 Matrix: Water
 Analysis Batch: 300087

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	233	227.6		mg/L		98	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-299486/1
 Matrix: Water
 Analysis Batch: 299486

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-299357/27
 Matrix: Water
 Analysis Batch: 299357

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			05/02/16 10:20	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method: SM 4500 P E - Phosphorus (Continued)

Lab Sample ID: LCS 480-299357/28

Matrix: Water

Analysis Batch: 299357

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.200	0.182		mg/L as P		91	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-299138/1

Matrix: Water

Analysis Batch: 299138

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			04/29/16 16:41	1

Lab Sample ID: LCS 480-299138/2

Matrix: Water

Analysis Batch: 299138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	215.3		mg/L		109	85 - 115

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

GC/MS VOA

Analysis Batch: 299384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	624	
480-99333-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-299384/5	Lab Control Sample	Total/NA	Water	624	
MB 480-299384/55	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 299164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	625	
480-99333-1 MS	BCC BSA SUMP_0416	Total/NA	Water	625	
480-99333-1 MSD	BCC BSA SUMP_0416	Total/NA	Water	625	
LCS 480-299164/2-A	Lab Control Sample	Total/NA	Water	625	
MB 480-299164/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 299558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	625	299164
480-99333-1 MS	BCC BSA SUMP_0416	Total/NA	Water	625	299164
480-99333-1 MSD	BCC BSA SUMP_0416	Total/NA	Water	625	299164
LCS 480-299164/2-A	Lab Control Sample	Total/NA	Water	625	299164
MB 480-299164/1-A	Method Blank	Total/NA	Water	625	299164

GC Semi VOA

Prep Batch: 299167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	3510C	
LCS 480-299167/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-299167/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 299468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	608	299167
LCS 480-299167/2-A	Lab Control Sample	Total/NA	Water	608	299167
MB 480-299167/1-A	Method Blank	Total/NA	Water	608	299167

Metals

Prep Batch: 299180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	200.7	
LCS 480-299180/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-299180/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 299454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	245.1	
LCS 480-299454/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-299454/1-A	Method Blank	Total/NA	Water	245.1	

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Analysis Batch: 299543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	200.7 Rev 4.4	299180
LCS 480-299180/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	299180
MB 480-299180/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	299180

Analysis Batch: 299796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	245.1	299454
LCS 480-299454/2-A	Lab Control Sample	Total/NA	Water	245.1	299454
MB 480-299454/1-A	Method Blank	Total/NA	Water	245.1	299454

General Chemistry

Analysis Batch: 299138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	SM 5210B	
LCS 480-299138/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-299138/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 299357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	SM 4500 P E	
LCS 480-299357/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-299357/27	Method Blank	Total/NA	Water	SM 4500 P E	

Analysis Batch: 299486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	SM 4500 H+ B	
LCS 480-299486/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 299741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 300087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	SM 2540D	
LCS 480-300087/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-300087/1	Method Blank	Total/NA	Water	SM 2540D	

Prep Batch: 300253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	Distill/Phenol	
LCS 480-300253/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-300253/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 300429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99333-1	BCC BSA SUMP_0416	Total/NA	Water	420.1	300253
LCS 480-300253/2-A	Lab Control Sample	Total/NA	Water	420.1	300253
MB 480-300253/1-A	Method Blank	Total/NA	Water	420.1	300253

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Client Sample ID: BCC BSA SUMP_0416

Lab Sample ID: 480-99333-1

Date Collected: 04/29/16 10:00

Matrix: Water

Date Received: 04/29/16 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	299384	05/02/16 18:54	RJF	TAL BUF
Total/NA	Prep	625			299164	04/30/16 08:23	RMZ	TAL BUF
Total/NA	Analysis	625		1	299558	05/03/16 11:14	CAV	TAL BUF
Total/NA	Prep	3510C			299167	04/30/16 08:28	RMZ	TAL BUF
Total/NA	Analysis	608		1	299468	05/02/16 22:09	KS	TAL BUF
Total/NA	Prep	200.7			299180	05/02/16 07:50	CMM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	299543	05/02/16 16:49	AMH	TAL BUF
Total/NA	Prep	245.1			299454	05/03/16 09:20	TAS	TAL BUF
Total/NA	Analysis	245.1		1	299796	05/03/16 14:09	TAS	TAL BUF
Total/NA	Prep	Distill/Phenol			300253	05/05/16 20:41	CLT	TAL BUF
Total/NA	Analysis	420.1		1	300429	05/06/16 11:25	ELR	TAL BUF
Total/NA	Analysis	SM 2540D		1	300087	05/05/16 09:00	ELR	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	299741	05/03/16 17:11	KMF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	299486	05/02/16 17:03	JJK	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	299357	05/02/16 10:20	RP	TAL BUF
Total/NA	Analysis	SM 5210B		1	299138	04/29/16 16:41	CLT	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99333-2

Date Collected: 04/29/16 00:00

Matrix: Water

Date Received: 04/29/16 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	299384	05/02/16 19:17	RJF	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

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	03-31-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		Water	1,2-Dichloroethene, Total
625	625	Water	1,2-Dichlorobenzene
625	625	Water	1,2-Diphenylhydrazine
625	625	Water	1,3-Dichlorobenzene
625	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
608	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
420.1	Phenolics, Total Recoverable	MCAWW	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 CN G	Cyanide, Amenable	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
SM 4500 P E	Phosphorus	SM	TAL BUF
SM 5210B	BOD, 5-Day	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-99333-1	BCC BSA SUMP_0416	Water	04/29/16 10:00	04/29/16 14:15
480-99333-2	TRIP BLANK	Water	04/29/16 00:00	04/29/16 14:15

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Detection Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-99333-1


The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
625	Water	2,4-Dinitrotoluene	ug/L	5.0	10
625	Water	4-Nitrophenol	ug/L	10	15
625	Water	Hexachlorocyclopentadiene	ug/L	5.0	10

- 1
- 2
- 3
- 4
- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

COC No: 480-44720-60571-0416
I. of I. COCs
Job No. 0913-OMM

Client Contact Ontario Specialty Contracting Inc. 333 Ganson Street Buffalo, NY, 14203 716-856-3333 Phone 716-842-1630 FAX Project Name: Buffalo Color GWTF Stump Site: HoneyWell Buffalo Color - NYC915230 PO# 52954	Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (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: <u>1-29-16</u> Carrier: <u>OSC</u>	Sample Identification BCC_BSA_Stump_0416 Trip Blank	Sample Date N/A 1/29-16 1000	Sample Time N/A	Sample Type C N/A N/A	Matrix W N/A N/A	# of Cont. 19 2	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Sample No.</th> <th>Sample Description</th> <th>Volume (ml)</th> <th>Disposition</th> <th>Disposition Date</th> <th>Disposition By</th> <th>Disposition Method</th> <th>Retention Period (Months)</th> </tr> <tr> <td>1</td> <td>4500_P_E - Phosphorus</td> <td>250</td> <td>2-P</td> <td>4-P</td> <td>3-A</td> <td>2-V</td> <td>1-A</td> </tr> <tr> <td>2</td> <td>420-A - Phenolics, Total Recoverable</td> <td>250</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> </tr> <tr> <td>3</td> <td>624 - 5ml (MOD) Priority Pollutant List - YOA - 62</td> <td>40</td> <td>1-P</td> <td>1-P</td> <td>1-A</td> <td>1-P</td> <td>1-P</td> </tr> <tr> <td>4</td> <td>608_PCB - Priority Pollutant PCBs</td> <td>1000</td> <td>1-P</td> <td>1-P</td> <td>1-A</td> <td>1-P</td> <td>1-P</td> </tr> <tr> <td>5</td> <td>625 - (MOD) Priority Pollutant List - SVOA - 6</td> <td>1000</td> <td>1-P</td> <td>1-P</td> <td>1-A</td> <td>1-P</td> <td>1-P</td> </tr> <tr> <td>6</td> <td>5210B - Biochemical Oxygen Demand</td> <td>1000</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> </tr> <tr> <td>7</td> <td>2540D - Total Suspended Solids</td> <td>500</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> </tr> <tr> <td>8</td> <td>SM4500CN_G_Calc - Local Method</td> <td>250</td> <td>5-P</td> <td>1-P</td> <td>5-P</td> <td>1-P</td> <td>1-P</td> </tr> <tr> <td>9</td> <td>SM4500_H+ - pH</td> <td>125</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> <td>1-P</td> </tr> </table>	Sample No.	Sample Description	Volume (ml)	Disposition	Disposition Date	Disposition By	Disposition Method	Retention Period (Months)	1	4500_P_E - Phosphorus	250	2-P	4-P	3-A	2-V	1-A	2	420-A - Phenolics, Total Recoverable	250	1-P	1-P	1-P	1-P	1-P	3	624 - 5ml (MOD) Priority Pollutant List - YOA - 62	40	1-P	1-P	1-A	1-P	1-P	4	608_PCB - Priority Pollutant PCBs	1000	1-P	1-P	1-A	1-P	1-P	5	625 - (MOD) Priority Pollutant List - SVOA - 6	1000	1-P	1-P	1-A	1-P	1-P	6	5210B - Biochemical Oxygen Demand	1000	1-P	1-P	1-P	1-P	1-P	7	2540D - Total Suspended Solids	500	1-P	1-P	1-P	1-P	1-P	8	SM4500CN_G_Calc - Local Method	250	5-P	1-P	5-P	1-P	1-P	9	SM4500_H+ - pH	125	1-P	1-P	1-P	1-P	1-P
Sample No.	Sample Description	Volume (ml)	Disposition	Disposition Date	Disposition By	Disposition Method	Retention Period (Months)																																																																																		
1	4500_P_E - Phosphorus	250	2-P	4-P	3-A	2-V	1-A																																																																																		
2	420-A - Phenolics, Total Recoverable	250	1-P	1-P	1-P	1-P	1-P																																																																																		
3	624 - 5ml (MOD) Priority Pollutant List - YOA - 62	40	1-P	1-P	1-A	1-P	1-P																																																																																		
4	608_PCB - Priority Pollutant PCBs	1000	1-P	1-P	1-A	1-P	1-P																																																																																		
5	625 - (MOD) Priority Pollutant List - SVOA - 6	1000	1-P	1-P	1-A	1-P	1-P																																																																																		
6	5210B - Biochemical Oxygen Demand	1000	1-P	1-P	1-P	1-P	1-P																																																																																		
7	2540D - Total Suspended Solids	500	1-P	1-P	1-P	1-P	1-P																																																																																		
8	SM4500CN_G_Calc - Local Method	250	5-P	1-P	5-P	1-P	1-P																																																																																		
9	SM4500_H+ - pH	125	1-P	1-P	1-P	1-P	1-P																																																																																		
Flow Rates (GPM) EW-1: 7.58 EW-2: 1.04 EW-3A: 4.38 EW-4: 1.09 EW-5: 1.07 Composite Percent % DC-1: 65 DC-2: 35																																																																																									
Sample Specific Notes: Lab to composite 624 for BCC BSA Stump samples prior to analysis																																																																																									
 480-99333 Chain of Custody																																																																																									
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4= HNO3 (Nitric) 5= NaOH (Sodium Hydroxide) 6= Other 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:																																																																																									
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa J=Tedlar V=Vial Relinquished by: <u>Tom Wagner</u> Date/Time: <u>1/29/16 1415</u> Relinquished by: <u>Tom Wagner</u> Date/Time: <u>1/29/16 1415</u> Relinquished by: <u>Tom Wagner</u> Date/Time: <u>1/29/16 1415</u> Relinquished by: <u>Tom Wagner</u> Date/Time: <u>1/29/16 1415</u>																																																																																									



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-99333-1

Login Number: 99333

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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



Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

Date	Associate	Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28			Effluent Tank No. 2 T-27			Discharge Lines To BSA Sump					Comments				
		Influent Pressure Pi-1A	Effluent Pressure Pi-1B	Influent Pressure Pi-107A	Effluent Pressure Pi-107B	Influent Pressure Pi-30A	Effluent Pressure Pi-30B	Flow Rate FE-60	Lead Influent Pressure Pi-40A	Lead Effluent Pressure Pi-40B	Lag Influent Pressure Pi-41A	Lag Effluent Pressure Pi-41B	PH Meter	Pressure Pi-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure Pi-106C	Flow Rate FE-107	Totalizer FE-107	Pressure Pi-107C	Leak Detection Vault No. 1 Pressure Pi-106D	Leak Detection Vault No. 1 Pressure Pi-107D	Leak Detection Vault No. 3 Pressure Pi-106E	Leak Detection Vault No. 3 Pressure Pi-107E		Leak Detection Vault No. 3 Pressure Pi-106F	Leak Detection Vault No. 3 Pressure Pi-107F	Containment Line Pressure Gauge Checks	
4/1/2016	TW	48	46	32	25	48	28	18.7	23	18	17	17	7.55	14	19.8	15,602,020	13	21.4	11,557,101	14	6	10							Water #3 vault
4/11/2016	TW	45	41	33	27	40	19	17.7	19	14	13	12	6.86	12	17.5	15,660,306	11	18.1	11,587,009	16	4	9							Water #3 vault
4/15/2016	TW	47	44	33	28	45	27	17.4	21	18	17	16	7.48	14	16.7	15,717,285	13	20.5	11,647,395	18	5	10							Water #3 vault
4/22/2016	TW	48	48	32	25	49	29	7.38	24	19	20	17	18.7	15	19.9	15,798,156	14	20.9	11,696,124	18	4	8	2	3	y				
5/2/2016	TW	48	46	33	25	48	28	7.33	22	16	17	15	16.7	12	18.3	15,894,333	12	18.3	11,755,419	15	5	9	3	3	y				
5/6/2016	TW	48	46	33	24	48	27	7.48	22	17	18	15	16.8	13	18.5	15,943,199	13	18.9	11,787,330	16	3	8	3	3	y				
5/12/2016	TW	49	47	33	28	49	27	7.43	21	17	18	15	16.5	13	18.4	16,029,032	13	20.6	11,829,560	19	3	9	2	4	y				
5/20/2016	TW	48	45	32	22	47	26	16.2	20	16	18	15	7.36	13	17.9	16,082,387	13	23	11,861,372	21	3	12	2	4	y				
5/27/2016	TW	48	47	33	27	48	25	16.1	22	17	18	16	7.49	13	17.8	16,150,585	13	26.2	11,905,014	26	3	12	2	4	y				
6/3/2016	TW	48	48	32	27	44	26	16.4	22	18	19	17	7.34	14	17.6	16,202,310	13	27.5	11,935,454	26	3	13	2	3	y				
6/10/2016	TW	49	49	33	27	46	30	15.7	25	17	18	15	7.34	13	16.7	16,273,561	13	26.1	11,976,461	24	3	13	2	3	y				
6/17/2016	TW	49	48	33	25	32	24	15.7	21	16	18	15	7.31	13	17.2	16,338,928	13	24.7	12,014,491	23	3	12	2	3	y				
6/24/2016	TW	48	48	33	22	45	27	15.9	22	17	19	16	7.27	14	17.2	16,396,160	14	23.3	12,046,437	21	2	10	2	2	y				
7/1/2016	TW	49	48	32	23	46	23	14.7	20	15	17	15	7.28	12	16.3	16,451,242	12	24.6	12,082,347	22	3	11	2	2	y				

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
4/1/2016					1	1		1	1	1			
4/2/2016													
4/3/2016													
4/4/2016									1	1			
4/5/2016								1		1			
4/6/2016								0.5	1		1	1	
4/7/2016		1											Change carbon 1b (cyclecorb)
4/8/2016													
4/9/2016													
4/10/2016													
4/11/2016						1		1	1	1	1	1	
4/12/2016										1			
4/13/2016								1		1	1		Acid #4 "A"
4/14/2016											1		Bleach #5 "A"
4/15/2016					1	1		1	1	1			
4/16/2016													
4/17/2016													
4/18/2016								1	1	1			
4/19/2016										1			
4/20/2016								1	1			1	
4/21/2016							1				1		
4/22/2016					1	1		1	1	1			
4/23/2016													
4/24/2016													
4/25/2016								1	1	1			
4/26/2016					1	1	1	1	1	1	1	1	Gac Sample
4/27/2016								0.5	1	1			
4/28/2016													
4/29/2016								0.5	1	1			
4/30/2016													
5/1/2016													
5/2/2016								1	1	2			
5/3/2016									1				Acid #4 "A"
5/4/2016								1	1	1			
5/5/2016							1			1	1	1	
5/6/2016					1	1		1	1	1			
5/7/2016													
5/8/2016													
5/9/2016								1	2	1			
5/10/2016									1	1			
5/11/2016													
5/12/2016					1	1	1	1	1	1	1		
5/13/2016													
5/14/2016													
5/15/2016													
5/16/2016								1	1	2	1		
5/17/2016									1				
5/18/2016			1					0.5	1	2	1	1	
5/19/2016							1	1	2	2			
5/20/2016								1	1	1			
5/21/2016													
5/22/2016													
5/23/2016								1	1	1			
5/24/2016									1				

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
5/25/2016								0.5		1			
5/26/2016								0.5		1			
5/27/2016					1	1	1	1	1	1	1	1	
5/28/2016													
5/29/2016													
5/30/2016													
5/31/2016								1	1	1			
6/1/2016								0.5	1	1			
6/2/2016							1		1	1	1		
6/3/2016					1	1		1	1	1			
6/4/2016													
6/5/2016													
6/6/2016								1	2	2			Bleach #5 - Acid #4
6/7/2016								0.5		1			Clean M M filter
6/8/2016								0.5	1	1			"D" Sample - run
6/9/2016							1				1	1	
6/10/2016					1	1		1	1	1			
6/11/2016													
6/12/2016													
6/13/2016								1	1	1			Change pump #4 "A"
6/14/2016										1			
6/15/2016								1	1				
6/16/2016							1	0.5		1			
6/17/2016					1	1		1	1	1			
6/18/2016													
6/19/2016													
6/20/2016								1	1	2			
6/21/2016									1	2			Clean lines #5&1- Tank 10
6/22/2016								1	2	2			
6/23/2016							1	0.5	1	1	1	1	
6/24/2016					1	1		1	1	1			
6/25/2016													
6/26/2016													
6/27/2016								1	1	1			
6/28/2016								0.5		1			
6/29/2016								1	1	1			
6/30/2016							1	0.5		1	1		
7/1/2016					1	1		1	1	1			



November 7, 2016

Michael Szilagyi
Industrial Waste Administrator
Buffalo Sewer Authority
90 West Ferry Street
Buffalo, New York, 14213

**Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #14-06-BU109
OSC Project ID: 16011**

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of July 1, 2016 through September 30, 2016. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #14-06BU109.

Included with the report are:

- Operation log sheets;
- A copy of the current BSA discharge permit;
- Schematic showing the location for monitoring and sampling;
- Summary of the discharge flow by month;
- Comparison of analytical data to permit limits; and
- Analytical laboratory results.

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

Sincerely,

Kirsten Colligan
Project Manager - *Ontario Specialty Contracting, Inc.*

cc: Richard Galloway
Eugene Melnyk
John Yensan
Daniel Forlastro

Honeywell
NYSDEC Region 9
South Buffalo Development, LLC
AMEC Environment & Infrastructure

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York, 14213**

**B.P.D.E.S. Permit No. #14-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: July 1, 2016 through September 30, 2016**

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the Effluent No. 1 and Effluent No. 2 flow totalizers, which includes any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by TestAmerica located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:

July 2016	285,570 gallons
August 2016	304,396 gallons
September 2016	419,432 gallons
Total Quarterly Discharge	1,009,398 gallons

Estimated Area D contribution this period:
5,687 gallons

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

Attachments:

BSA Permit Analytical Summary Table, BSA Discharge Permit, Monitoring and Sampling Schematic, Laboratory Analytical Results, and Field Data Collection Sheets

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No.	14-06-BU109	Effective June 1, 2014
Sample Date:	7/7/2016	
Sample Location:	Onsite Pump Station to BSA	

Year: 2016
Month: SEP

Event Group: SUMP
Lab Job ID: J102747-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	8.25	0.100	SU	8.25	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.010	0.010	mg/L	0.001	lbs/day	1.67	lbs/day	Yes	20	0.010	Yes
Total Chromium	7440-47-3	0.0034	0.0040	mg/L	0.0003	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0031	0.010	mg/L	0.000	lbs/day	0.67	lbs/day	Yes	16	0.0031	Yes
Lead	7439-92-1	ND	0.0050	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0020	0.010	mg/L	0.0002	lbs/day	1.17	lbs/day	Yes	14	0.0020	Yes
Zinc	7440-66-6	0.0110	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.011	Yes
Amendable Cyanide	CAN	ND	0.010	mg/L	ND	lbs/day	2.59	lbs/day	Yes	6.2	ND	Yes
Total PCB	Sum Method_E608	ND	0.059	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	4.1	1900	ug/L	0.0003	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	ND	25	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	0.9	25	ug/L	0.0001	lbs/day	0.129	lbs/day	Yes	0.31	0.00	Yes
1,2-Dichlorobenzene	95-50-1	ND	9.4	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	4.7	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	0.47	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	1	25	ug/L	0.001	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	ND	4.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.480	0.010	mg/L	0.480	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	6.57	-	gpm	9,460	gpd	50,000	gpd	Yes			

*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L

**Analyzed by total phosphorus method SM 4500-P E

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations		
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	28,533,589	7/1/2016
Final Reading	29,394,455	9/30/2016
Total Days in Period	91	
Total Flow for Period	860,866	gallons
Average Flow for Period	6.57	gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES
1038 CITY HALL
65 NIAGARA SQUARE
BUFFALO, NY 14202-3378
PHONE: (716) 851-4664
FAX: (716) 856-5810

WASTEWATER TREATMENT PLANT
FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 883-1820

February 11, 2014



Andrew Madden
Manager
South Buffalo Development, LLC.
333 Ganson Street
Buffalo, New York 14203

Re: BPDES Permit No. 14-06-BU109

Dear Mr. Madden:

Enclosed is your BPDES Permit No. 14-06-BU109. This permit is issued by the BSA and allows your facility to discharge process wastes to the sanitary sewers.

This original permit must be maintained at your Buffalo facility and must be available for inspection at all times. It is your responsibility to assure continual compliance with the terms and conditions of this permit. Finally, you must apply for renewal at least six (6) months before this permit expires.

If you have any questions, please call Dennis W. Young at 851-4664, ext. 5256.

Very truly yours,

By:

Leslie Sedita
Industrial Waste Administrator
Industrial Waste Section

cc: M. Letina

I:\WPD\JK\SBDLLC1406bu109permittr

**AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO
POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**PERMIT NO. 14-06-BU109
EPA 40CFR 403**

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the Sewer Regulations of the Buffalo Sewer Authority, authorization is hereby granted to:

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

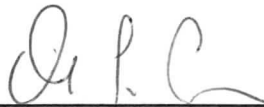
**Areas A and D of the former Buffalo Color Corporation Site
1037 South Park Avenue, Buffalo, New York 14210**

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 4, 2014** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2014

To Expire May 31, 2017



General Manager

Signed this 16th day of February, 2014

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfalls (see attached maps) shall be limited and monitored **Quarterly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe Flow	Quarterly
	Total Flow	50,000 gals		Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test ⁽⁶⁾				Quarterly
	Methods 624			Grab ⁽⁷⁾	
	Base/Neutrals & Acid ⁽⁸⁾				Quarterly
	Extractable-EPA Tests Method 625			Composite	
	Total PCB's	0.000 lbs	0.002	Composite	Quarterly
	Aniline	50.0 lbs	0.00	Composite	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Composite	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Composite	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Composite	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Composite	Quarterly
	Acenaphthylene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	Maid*	Type	Frequency
	Fluorene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Phenanthrene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

*M.A.I.D. – Maximum Allowable Instantaneous Discharge – Slug Limit.
 SEE PAGE FOUR (4) FOR EXPLANATION OF SPECIFIC REQUIREMENTS.

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, discharge monitoring results shall be summarized and reported quarterly by the permittee on the days specified below:

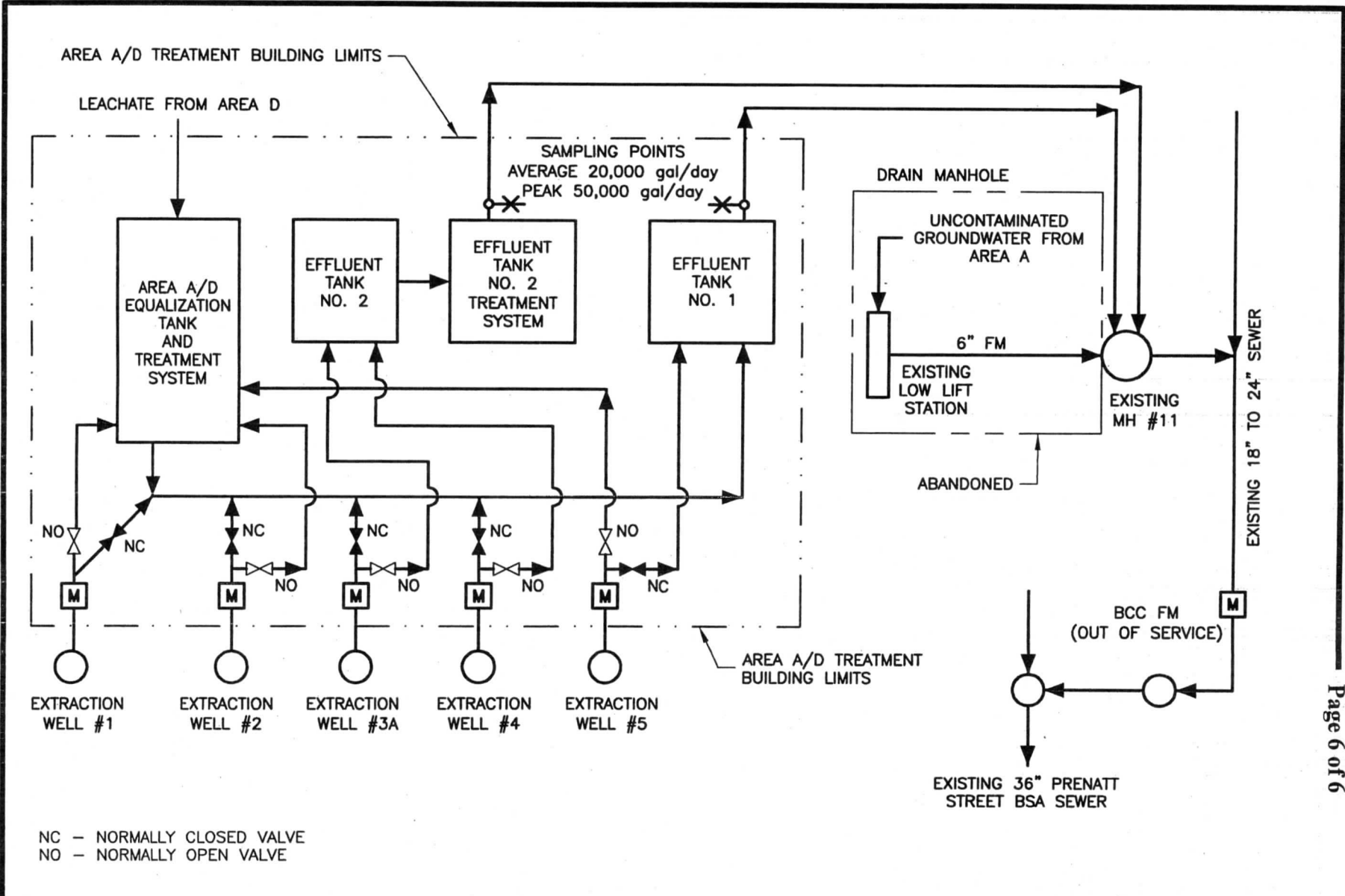
Sample Point	Parameter	Reporting Requirements	
		Initial Report	Subsequent Reports
001	All analytes	July 31, 2011	Every July 31, October 31, January 31, April 30**

** Each reporting dated is for samples collected during the previous quarter.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

- (1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.
- (2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more than 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.
- (3) Surchargeable limit only.
- (4) Composite samples may be flow proportioned.
- (5) EPA Test Method 604.
- (6) The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.
- (7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.
- (8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater than 0.01 mg/L.



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

2. Definitions

Definitions of terms contained in this permit are as defined in the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet".

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet".

5. Additional Monitoring by Permittee

If the permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York 14213**

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet". These reporting requirements shall not relieve the permittee of any other reports, which may be required by the N.Y.S.D.E.C. or the U.S.E.P.A.

7. Certification Statement

All self-monitoring reports shall include the following certification statement, signed by the preparer of the report:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

B. PERMITTEE REQUIREMENTS

1. Change in Discharge [revised 08/2013]

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the BPDES permit application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new BPDES Permit application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge. A Baseline Monitoring Report shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet".

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager.

3. Spill Prevention and Control Plan [added 08/2013]

The permittee shall have a plan to prevent and control spills into the sewer system. The plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet"

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM – 3:00 PM call 851-4661, ext. 5374. After 3:00 PM call ext. 851-4664, ext. 600. If requested by the B.S.A., Within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification [Revised 08/2013]

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 883-1820 851-4664, ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall also provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. a description of the discharge and cause of noncompliance and;
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

Additionally, the permittee shall repeat the sampling and analysis and submit these results of the report analysis to the Industrial Waste Section within 30 days after

becoming aware of the violation.

6. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

7. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo Sewer System.

8. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

9. Treatment Upsets

- a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:
 - (i) A description of the upset, its cause(s) and impact on the discharger's compliance status;
 - (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;
 - (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

- b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

- a. A bypass of the treatment system is prohibited unless the following conditions are met:
 - (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or
 - (ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and
 - (iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.
- b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent it's recurrence.
- c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority

and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

- a. Violation of any terms or conditions of this permit,
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the permittee from any requirements, liabilities, or penalties under provisions of the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to \$10,000.00 per day for each violation. Any person who willfully or negligently violates permit

conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the permittee is required to notify the Industrial Waste Section in writing as soon as an anticipated closure date is determined, but in no case later than five days of the actual closure.

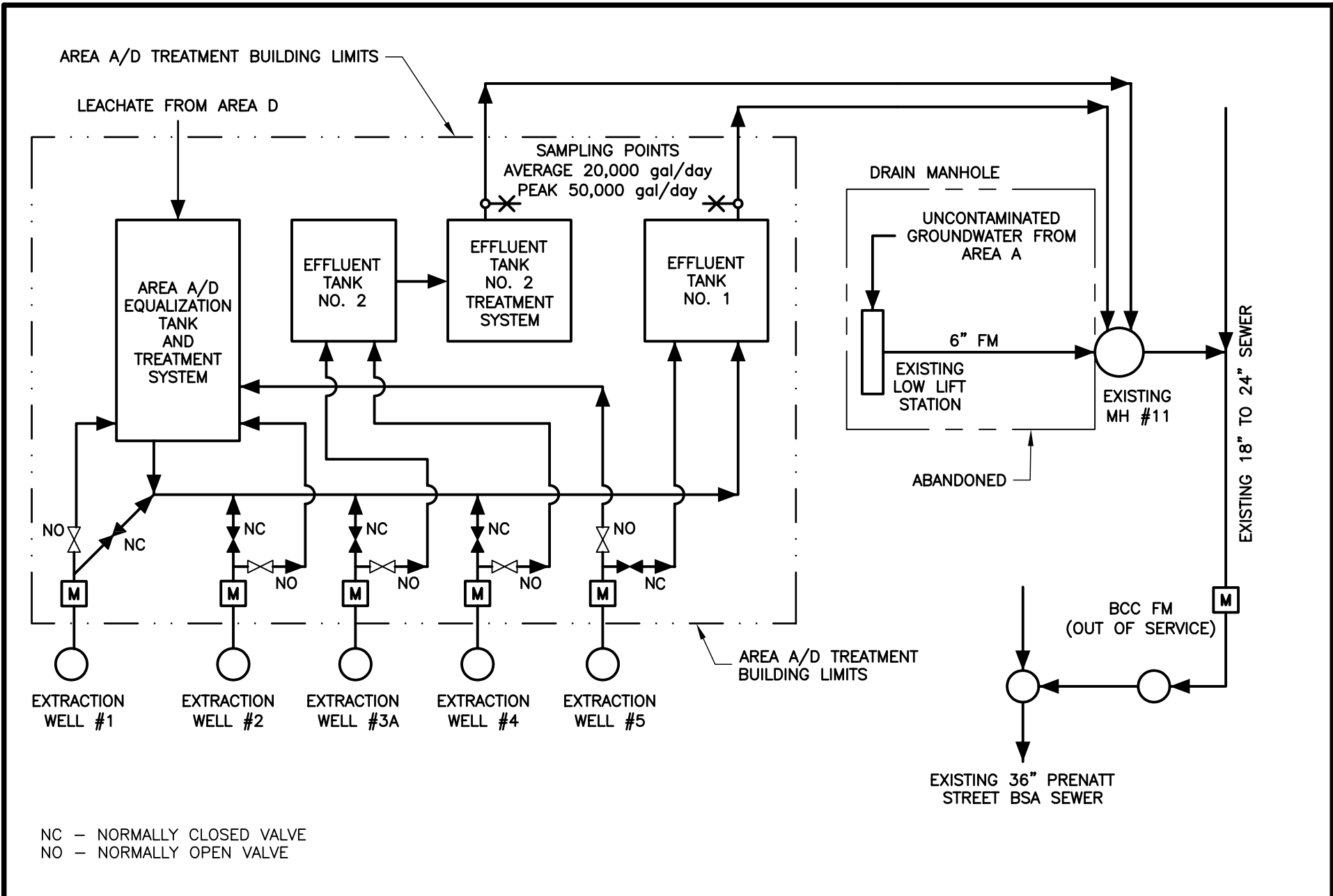
G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



Ontario Specialty Contracting, Inc.
Environmental Remediation • Demolition / Dismantlement • Brownfield Redevelopment

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

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: 480-102747-1

Client Project/Site: 37745 Buffalo Color GWTF Sump

Sampling Event: Buffalo Color - Quarterly Sump

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

7/18/2016 9:43:51 AM

Denise Giglia, Project Management Assistant II

denise.giglia@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

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
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.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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 GWTF Sump

TestAmerica Job ID: 480-102747-1

Job ID: 480-102747-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102747-1

Comments

No additional comments.

Receipt

The samples were received on 7/7/2016 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method(s) 624: The following Volatile sample was composited by the laboratory on 7/8/16 as requested by the client: BCC BSA SUMP_0716 (480-102747-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

Method(s) 624: The preservative used in the sample containers provided is not compatible with the Method 624 analytes requested. The following samples were received preserved with hydrochloric acid: BCC BSA SUMP_0716 (480-102747-1) and TRIP BLANK (480-102747-2). The requested target analyte list contains 2-chloroethyl vinyl ether, Acrolein, which are acid-labile compounds that degrade in an acidic medium.

No additional analytical or quality issues were noted, other than those described above or 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.

GC Semi VOA

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

Metals

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

General Chemistry

Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP_0716 (480-102747-1).

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: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Client Sample ID: BCC BSA SUMP_0716

Lab Sample ID: 480-102747-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chlorobenzene	0.85	J	5.0	0.48	ug/L	1			624	Total/NA
Aniline	4.1	J	9.5	1.4	ug/L	1			625	Total/NA
Chromium	0.0034	J	0.0040	0.0010	mg/L	1			200.7 Rev 4.4	Total/NA
Copper	0.0031	J	0.010	0.0016	mg/L	1			200.7 Rev 4.4	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1			200.7 Rev 4.4	Total/NA
Zinc	0.011	B	0.010	0.0015	mg/L	1			200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.010		0.010	0.0050	mg/L	1			420.1	Total/NA
Cyanide, Amenable	0.032		0.010	0.0050	mg/L	1			SM 4500 CN G	Total/NA
Phosphorus	0.48		0.010	0.0050	mg/L as P	1			SM 4500 P E	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	8.25	HF	0.100	0.100	SU	1			SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-102747-2

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 GWTF Sump

TestAmerica Job ID: 480-102747-1

Client Sample ID: BCC BSA SUMP_0716

Lab Sample ID: 480-102747-1

Date Collected: 07/07/16 13:15

Matrix: Water

Date Received: 07/07/16 17:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			07/08/16 20:03	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			07/08/16 20:03	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			07/08/16 20:03	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			07/08/16 20:03	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			07/08/16 20:03	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			07/08/16 20:03	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			07/08/16 20:03	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			07/08/16 20:03	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			07/08/16 20:03	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			07/08/16 20:03	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			07/08/16 20:03	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			07/08/16 20:03	1
Acrolein	ND		100	17	ug/L			07/08/16 20:03	1
Acrylonitrile	ND		50	1.9	ug/L			07/08/16 20:03	1
Benzene	ND		5.0	0.60	ug/L			07/08/16 20:03	1
Bromoform	ND		5.0	0.47	ug/L			07/08/16 20:03	1
Bromomethane	ND		5.0	1.2	ug/L			07/08/16 20:03	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			07/08/16 20:03	1
Chlorobenzene	0.85	J	5.0	0.48	ug/L			07/08/16 20:03	1
Dibromochloromethane	ND		5.0	0.41	ug/L			07/08/16 20:03	1
Chloroethane	ND		5.0	0.87	ug/L			07/08/16 20:03	1
Chloroform	ND		5.0	0.54	ug/L			07/08/16 20:03	1
Chloromethane	ND		5.0	0.64	ug/L			07/08/16 20:03	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			07/08/16 20:03	1
Bromodichloromethane	ND		5.0	0.54	ug/L			07/08/16 20:03	1
Ethylbenzene	ND		5.0	0.46	ug/L			07/08/16 20:03	1
Methylene Chloride	ND		5.0	0.81	ug/L			07/08/16 20:03	1
Tetrachloroethene	ND		5.0	0.34	ug/L			07/08/16 20:03	1
Toluene	ND		5.0	0.45	ug/L			07/08/16 20:03	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			07/08/16 20:03	1
Trichloroethene	ND		5.0	0.60	ug/L			07/08/16 20:03	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			07/08/16 20:03	1
Vinyl chloride	ND		5.0	0.75	ug/L			07/08/16 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		72 - 130		07/08/16 20:03	1
4-Bromofluorobenzene (Surr)	85		69 - 121		07/08/16 20:03	1
Toluene-d8 (Surr)	85		70 - 123		07/08/16 20:03	1
Dibromofluoromethane (Surr)	85		70 - 130		07/08/16 20:03	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.5	0.78	ug/L		07/08/16 08:08	07/11/16 19:20	1
1,2-Dichlorobenzene	ND		9.5	4.7	ug/L		07/08/16 08:08	07/11/16 19:20	1
1,2-Diphenylhydrazine	ND		9.5	0.74	ug/L		07/08/16 08:08	07/11/16 19:20	1
1,3-Dichlorobenzene	ND		9.5	0.66	ug/L		07/08/16 08:08	07/11/16 19:20	1
1,4-Dichlorobenzene	ND		9.5	4.7	ug/L		07/08/16 08:08	07/11/16 19:20	1
2,2'-oxybis[1-chloropropane]	ND		4.7	0.80	ug/L		07/08/16 08:08	07/11/16 19:20	1
2,4,6-Trichlorophenol	ND		4.7	0.95	ug/L		07/08/16 08:08	07/11/16 19:20	1
2,4-Dichlorophenol	ND		4.7	0.73	ug/L		07/08/16 08:08	07/11/16 19:20	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Client Sample ID: BCC BSA SUMP_0716

Lab Sample ID: 480-102747-1

Date Collected: 07/07/16 13:15

Matrix: Water

Date Received: 07/07/16 17:00

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		4.7	1.3	ug/L		07/08/16 08:08	07/11/16 19:20	1
2,4-Dinitrophenol	ND		9.5	4.7	ug/L		07/08/16 08:08	07/11/16 19:20	1
2,4-Dinitrotoluene	ND		4.7	4.7	ug/L		07/08/16 08:08	07/11/16 19:20	1
2,6-Dinitrotoluene	ND		4.7	0.95	ug/L		07/08/16 08:08	07/11/16 19:20	1
2-Chloronaphthalene	ND		4.7	0.86	ug/L		07/08/16 08:08	07/11/16 19:20	1
2-Chlorophenol	ND		4.7	0.63	ug/L		07/08/16 08:08	07/11/16 19:20	1
2-Nitrophenol	ND		4.7	0.66	ug/L		07/08/16 08:08	07/11/16 19:20	1
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L		07/08/16 08:08	07/11/16 19:20	1
4,6-Dinitro-2-methylphenol	ND		9.5	0.63	ug/L		07/08/16 08:08	07/11/16 19:20	1
4-Bromophenyl phenyl ether	ND		4.7	1.3	ug/L		07/08/16 08:08	07/11/16 19:20	1
4-Chloro-3-methylphenol	ND		4.7	1.0	ug/L		07/08/16 08:08	07/11/16 19:20	1
4-Chlorophenyl phenyl ether	ND		4.7	1.2	ug/L		07/08/16 08:08	07/11/16 19:20	1
4-Nitrophenol	ND		9.5	9.5	ug/L		07/08/16 08:08	07/11/16 19:20	1
Acenaphthene	ND		4.7	0.77	ug/L		07/08/16 08:08	07/11/16 19:20	1
Acenaphthylene	ND		4.7	0.83	ug/L		07/08/16 08:08	07/11/16 19:20	1
Aniline	4.1	J	9.5	1.4	ug/L		07/08/16 08:08	07/11/16 19:20	1
Anthracene	ND		4.7	1.3	ug/L		07/08/16 08:08	07/11/16 19:20	1
Benzidine	ND		76	33	ug/L		07/08/16 08:08	07/11/16 19:20	1
Benzo[a]anthracene	ND		4.7	1.0	ug/L		07/08/16 08:08	07/11/16 19:20	1
Benzo[a]pyrene	ND		4.7	1.2	ug/L		07/08/16 08:08	07/11/16 19:20	1
Benzo[b]fluoranthene	ND		4.7	1.1	ug/L		07/08/16 08:08	07/11/16 19:20	1
Benzo[g,h,i]perylene	ND		4.7	1.4	ug/L		07/08/16 08:08	07/11/16 19:20	1
Benzo[k]fluoranthene	ND		4.7	1.2	ug/L		07/08/16 08:08	07/11/16 19:20	1
Bis(2-chloroethoxy)methane	ND		4.7	0.71	ug/L		07/08/16 08:08	07/11/16 19:20	1
Bis(2-chloroethyl)ether	ND		4.7	0.88	ug/L		07/08/16 08:08	07/11/16 19:20	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.1	ug/L		07/08/16 08:08	07/11/16 19:20	1
Butyl benzyl phthalate	ND		4.7	1.0	ug/L		07/08/16 08:08	07/11/16 19:20	1
Chrysene	ND		4.7	0.95	ug/L		07/08/16 08:08	07/11/16 19:20	1
Decane	ND		9.5	1.5	ug/L		07/08/16 08:08	07/11/16 19:20	1
Dibenz(a,h)anthracene	ND		4.7	1.4	ug/L		07/08/16 08:08	07/11/16 19:20	1
Diethyl phthalate	ND		4.7	0.95	ug/L		07/08/16 08:08	07/11/16 19:20	1
Dimethyl phthalate	ND		4.7	0.86	ug/L		07/08/16 08:08	07/11/16 19:20	1
Di-n-butyl phthalate	ND		4.7	1.5	ug/L		07/08/16 08:08	07/11/16 19:20	1
Di-n-octyl phthalate	ND		4.7	1.1	ug/L		07/08/16 08:08	07/11/16 19:20	1
Fluoranthene	ND		4.7	1.5	ug/L		07/08/16 08:08	07/11/16 19:20	1
Fluorene	ND		4.7	0.95	ug/L		07/08/16 08:08	07/11/16 19:20	1
Hexachlorobenzene	ND		4.7	0.95	ug/L		07/08/16 08:08	07/11/16 19:20	1
Hexachlorobutadiene	ND		4.7	0.95	ug/L		07/08/16 08:08	07/11/16 19:20	1
Hexachlorocyclopentadiene	ND		4.7	4.7	ug/L		07/08/16 08:08	07/11/16 19:20	1
Hexachloroethane	ND		4.7	0.57	ug/L		07/08/16 08:08	07/11/16 19:20	1
Indeno[1,2,3-cd]pyrene	ND		4.7	1.4	ug/L		07/08/16 08:08	07/11/16 19:20	1
Isophorone	ND		4.7	0.70	ug/L		07/08/16 08:08	07/11/16 19:20	1
Naphthalene	ND		4.7	0.82	ug/L		07/08/16 08:08	07/11/16 19:20	1
Nitrobenzene	ND		4.7	0.77	ug/L		07/08/16 08:08	07/11/16 19:20	1
N-Nitrosodimethylamine	ND		9.5	4.7	ug/L		07/08/16 08:08	07/11/16 19:20	1
N-Nitrosodi-n-propylamine	ND		4.7	0.85	ug/L		07/08/16 08:08	07/11/16 19:20	1
N-Nitrosodiphenylamine	ND		4.7	0.38	ug/L		07/08/16 08:08	07/11/16 19:20	1
n-Octadecane	ND		9.5	1.1	ug/L		07/08/16 08:08	07/11/16 19:20	1
Pentachlorophenol	ND		9.5	1.5	ug/L		07/08/16 08:08	07/11/16 19:20	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Client Sample ID: BCC BSA SUMP_0716

Lab Sample ID: 480-102747-1

Date Collected: 07/07/16 13:15

Matrix: Water

Date Received: 07/07/16 17:00

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		4.7	1.1	ug/L		07/08/16 08:08	07/11/16 19:20	1
Phenol	ND		4.7	0.33	ug/L		07/08/16 08:08	07/11/16 19:20	1
Pyrene	ND		4.7	1.3	ug/L		07/08/16 08:08	07/11/16 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		52 - 151				07/08/16 08:08	07/11/16 19:20	1
2-Fluorobiphenyl	62		44 - 120				07/08/16 08:08	07/11/16 19:20	1
2-Fluorophenol	37		17 - 120				07/08/16 08:08	07/11/16 19:20	1
Nitrobenzene-d5	66		42 - 120				07/08/16 08:08	07/11/16 19:20	1
Phenol-d5	26		10 - 120				07/08/16 08:08	07/11/16 19:20	1
p-Terphenyl-d14	70		22 - 125				07/08/16 08:08	07/11/16 19:20	1

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.057	0.036	ug/L		07/08/16 07:46	07/08/16 23:21	1
PCB-1221	ND		0.057	0.036	ug/L		07/08/16 07:46	07/08/16 23:21	1
PCB-1232	ND		0.057	0.036	ug/L		07/08/16 07:46	07/08/16 23:21	1
PCB-1242	ND		0.057	0.036	ug/L		07/08/16 07:46	07/08/16 23:21	1
PCB-1248	ND		0.057	0.036	ug/L		07/08/16 07:46	07/08/16 23:21	1
PCB-1254	ND		0.057	0.030	ug/L		07/08/16 07:46	07/08/16 23:21	1
PCB-1260	ND		0.057	0.030	ug/L		07/08/16 07:46	07/08/16 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		26 - 135				07/08/16 07:46	07/08/16 23:21	1
Tetrachloro-m-xylene	74		27 - 159				07/08/16 07:46	07/08/16 23:21	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0034	J	0.0040	0.0010	mg/L		07/11/16 12:00	07/12/16 15:47	1
Copper	0.0031	J	0.010	0.0016	mg/L		07/11/16 12:00	07/12/16 15:47	1
Lead	ND		0.010	0.0030	mg/L		07/11/16 12:00	07/12/16 15:47	1
Nickel	0.0020	J	0.010	0.0013	mg/L		07/11/16 12:00	07/12/16 15:47	1
Zinc	0.011	B	0.010	0.0015	mg/L		07/11/16 12:00	07/12/16 15:47	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/08/16 08:00	07/08/16 13:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	0.010		0.010	0.0050	mg/L		07/11/16 14:14	07/12/16 09:47	1
Cyanide, Amenable	0.032		0.010	0.0050	mg/L			07/13/16 14:44	1
Phosphorus	0.48		0.010	0.0050	mg/L as P			07/11/16 10:55	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			07/08/16 10:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/13/16 15:33	1
pH	8.25	HF	0.100	0.100	SU			07/08/16 13:43	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-102747-2

Date Collected: 07/07/16 00:00

Matrix: Water

Date Received: 07/07/16 17:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			07/08/16 20:27	1
Acrylonitrile	ND		100	1.9	ug/L			07/08/16 20:27	1
Benzene	ND		5.0	0.60	ug/L			07/08/16 20:27	1
Bromodichloromethane	ND		5.0	0.54	ug/L			07/08/16 20:27	1
Bromoform	ND		5.0	0.47	ug/L			07/08/16 20:27	1
Bromomethane	ND		5.0	1.2	ug/L			07/08/16 20:27	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			07/08/16 20:27	1
Chlorobenzene	ND		5.0	0.48	ug/L			07/08/16 20:27	1
Chloroethane	ND		5.0	0.87	ug/L			07/08/16 20:27	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			07/08/16 20:27	1
Chloroform	ND		5.0	0.54	ug/L			07/08/16 20:27	1
Chloromethane	ND		5.0	0.64	ug/L			07/08/16 20:27	1
Dibromochloromethane	ND		5.0	0.41	ug/L			07/08/16 20:27	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			07/08/16 20:27	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			07/08/16 20:27	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			07/08/16 20:27	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			07/08/16 20:27	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			07/08/16 20:27	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			07/08/16 20:27	1
Ethylbenzene	ND		5.0	0.46	ug/L			07/08/16 20:27	1
Methylene Chloride	ND		5.0	0.81	ug/L			07/08/16 20:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			07/08/16 20:27	1
Tetrachloroethene	ND		5.0	0.34	ug/L			07/08/16 20:27	1
Toluene	ND		5.0	0.45	ug/L			07/08/16 20:27	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			07/08/16 20:27	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			07/08/16 20:27	1
Trichloroethene	ND		5.0	0.60	ug/L			07/08/16 20:27	1
Vinyl chloride	ND		5.0	0.75	ug/L			07/08/16 20:27	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			07/08/16 20:27	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			07/08/16 20:27	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			07/08/16 20:27	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			07/08/16 20:27	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			07/08/16 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		72 - 130		07/08/16 20:27	1
4-Bromofluorobenzene (Surr)	86		69 - 121		07/08/16 20:27	1
Toluene-d8 (Surr)	84		70 - 123		07/08/16 20:27	1
Dibromofluoromethane (Surr)	83		70 - 130		07/08/16 20:27	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (72-130)	BFB (69-121)	TOL (70-123)	DBFM (70-130)
480-102747-1	BCC BSA SUMP_0716	82	85	85	85
480-102747-2	TRIP BLANK	82	86	84	83
LCS 480-310253/39	Lab Control Sample	81	90	85	85
MB 480-310253/10	Method Blank	82	89	87	83

Surrogate Legend

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

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-102747-1	BCC BSA SUMP_0716	65	62	37	66	26	70
LCS 480-310195/2-A	Lab Control Sample	89	78	46	78	35	80
MB 480-310195/1-A	Method Blank	77	78	48	80	34	81

Surrogate Legend

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

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (26-135)	TCX1 (27-159)
480-102747-1	BCC BSA SUMP_0716	54	74
LCS 480-310181/2-A	Lab Control Sample	68	105
MB 480-310181/1-A	Method Blank	64	96

Surrogate Legend

DCB = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-310253/10

Matrix: Water

Analysis Batch: 310253

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			07/08/16 16:41	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			07/08/16 16:41	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			07/08/16 16:41	1
Acrolein	ND		100	17	ug/L			07/08/16 16:41	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			07/08/16 16:41	1
Acrylonitrile	ND		50	1.9	ug/L			07/08/16 16:41	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			07/08/16 16:41	1
Benzene	ND		5.0	0.60	ug/L			07/08/16 16:41	1
Bromoform	ND		5.0	0.47	ug/L			07/08/16 16:41	1
Bromomethane	ND		5.0	1.2	ug/L			07/08/16 16:41	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			07/08/16 16:41	1
Chlorobenzene	ND		5.0	0.48	ug/L			07/08/16 16:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			07/08/16 16:41	1
Dibromochloromethane	ND		5.0	0.41	ug/L			07/08/16 16:41	1
Chloroethane	ND		5.0	0.87	ug/L			07/08/16 16:41	1
Chloroform	ND		5.0	0.54	ug/L			07/08/16 16:41	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			07/08/16 16:41	1
Chloromethane	ND		5.0	0.64	ug/L			07/08/16 16:41	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			07/08/16 16:41	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			07/08/16 16:41	1
Bromodichloromethane	ND		5.0	0.54	ug/L			07/08/16 16:41	1
Ethylbenzene	ND		5.0	0.46	ug/L			07/08/16 16:41	1
Methylene Chloride	ND		5.0	0.81	ug/L			07/08/16 16:41	1
Tetrachloroethene	ND		5.0	0.34	ug/L			07/08/16 16:41	1
Toluene	ND		5.0	0.45	ug/L			07/08/16 16:41	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			07/08/16 16:41	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			07/08/16 16:41	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			07/08/16 16:41	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			07/08/16 16:41	1
Trichloroethene	ND		5.0	0.60	ug/L			07/08/16 16:41	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			07/08/16 16:41	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			07/08/16 16:41	1
Vinyl chloride	ND		5.0	0.75	ug/L			07/08/16 16:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		72 - 130		07/08/16 16:41	1
4-Bromofluorobenzene (Surr)	89		69 - 121		07/08/16 16:41	1
Toluene-d8 (Surr)	87		70 - 123		07/08/16 16:41	1
Dibromofluoromethane (Surr)	83		70 - 130		07/08/16 16:41	1

Lab Sample ID: LCS 480-310253/39

Matrix: Water

Analysis Batch: 310253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloroethyl vinyl ether	20.0	15.5	J	ug/L		77	1 - 305
1,1-Dichloroethane	20.0	15.5		ug/L		77	59 - 155
1,2-Dichloroethane	20.0	15.7		ug/L		79	49 - 155

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-310253/39

Matrix: Water

Analysis Batch: 310253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	15.7		ug/L		78	1 - 234
1,2-Dichloropropane	20.0	15.9		ug/L		80	1 - 210
Benzene	20.0	16.2		ug/L		81	37 - 151
Bromoform	20.0	17.2		ug/L		86	45 - 169
Bromomethane	20.0	14.7		ug/L		73	1 - 242
Carbon tetrachloride	20.0	16.1		ug/L		80	70 - 140
Chlorobenzene	20.0	16.0		ug/L		80	37 - 160
1,1,2,2-Tetrachloroethane	20.0	15.2		ug/L		76	46 - 157
Dibromochloromethane	20.0	15.8		ug/L		79	53 - 149
Chloroethane	20.0	15.8		ug/L		79	14 - 230
Chloroform	20.0	15.6		ug/L		78	51 - 138
1,1,1-Trichloroethane	20.0	16.3		ug/L		81	52 - 162
Chloromethane	20.0	13.5		ug/L		67	1 - 273
1,1,2-Trichloroethane	20.0	16.2		ug/L		81	52 - 150
cis-1,3-Dichloropropene	20.0	15.7		ug/L		78	1 - 227
Bromodichloromethane	20.0	15.7		ug/L		79	35 - 155
Ethylbenzene	20.0	16.3		ug/L		81	37 - 162
Methylene Chloride	20.0	15.4		ug/L		77	1 - 221
Tetrachloroethene	20.0	17.1		ug/L		86	64 - 148
Toluene	20.0	16.3		ug/L		82	47 - 150
1,2-Dichlorobenzene	20.0	15.2		ug/L		76	18 - 190
trans-1,3-Dichloropropene	20.0	15.9		ug/L		79	17 - 183
1,3-Dichlorobenzene	20.0	15.5		ug/L		78	59 - 156
Trichloroethene	20.0	16.0		ug/L		80	71 - 157
1,4-Dichlorobenzene	20.0	15.4		ug/L		77	18 - 190
Trichlorofluoromethane	20.0	15.8		ug/L		79	17 - 181
Vinyl chloride	20.0	14.8		ug/L		74	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	81		72 - 130
4-Bromofluorobenzene (Surr)	90		69 - 121
Toluene-d8 (Surr)	85		70 - 123
Dibromofluoromethane (Surr)	85		70 - 130

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-310195/1-A

Matrix: Water

Analysis Batch: 310461

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310195

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		07/08/16 08:08	07/11/16 10:35	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		07/08/16 08:08	07/11/16 10:35	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		07/08/16 08:08	07/11/16 10:35	1
1,4-Dichlorobenzene	ND		10	5.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		07/08/16 08:08	07/11/16 10:35	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		07/08/16 08:08	07/11/16 10:35	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-310195/1-A

Matrix: Water

Analysis Batch: 310461

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310195

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		07/08/16 08:08	07/11/16 10:35	1
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		07/08/16 08:08	07/11/16 10:35	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
2,4-Dinitrotoluene	ND		5.0	5.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		07/08/16 08:08	07/11/16 10:35	1
2-Chlorophenol	ND		5.0	0.66	ug/L		07/08/16 08:08	07/11/16 10:35	1
2-Nitrophenol	ND		5.0	0.70	ug/L		07/08/16 08:08	07/11/16 10:35	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		07/08/16 08:08	07/11/16 10:35	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		07/08/16 08:08	07/11/16 10:35	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		07/08/16 08:08	07/11/16 10:35	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		07/08/16 08:08	07/11/16 10:35	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		07/08/16 08:08	07/11/16 10:35	1
4-Nitrophenol	ND		10	10	ug/L		07/08/16 08:08	07/11/16 10:35	1
Acenaphthene	ND		5.0	0.81	ug/L		07/08/16 08:08	07/11/16 10:35	1
Acenaphthylene	ND		5.0	0.87	ug/L		07/08/16 08:08	07/11/16 10:35	1
Aniline	ND		10	1.5	ug/L		07/08/16 08:08	07/11/16 10:35	1
Anthracene	ND		5.0	1.4	ug/L		07/08/16 08:08	07/11/16 10:35	1
Benzidine	ND		80	35	ug/L		07/08/16 08:08	07/11/16 10:35	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		07/08/16 08:08	07/11/16 10:35	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		07/08/16 08:08	07/11/16 10:35	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		07/08/16 08:08	07/11/16 10:35	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		07/08/16 08:08	07/11/16 10:35	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		07/08/16 08:08	07/11/16 10:35	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		07/08/16 08:08	07/11/16 10:35	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		07/08/16 08:08	07/11/16 10:35	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		07/08/16 08:08	07/11/16 10:35	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		07/08/16 08:08	07/11/16 10:35	1
Chrysene	ND		5.0	1.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
Decane	ND		10	1.6	ug/L		07/08/16 08:08	07/11/16 10:35	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		07/08/16 08:08	07/11/16 10:35	1
Diethyl phthalate	ND		5.0	1.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		07/08/16 08:08	07/11/16 10:35	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		07/08/16 08:08	07/11/16 10:35	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		07/08/16 08:08	07/11/16 10:35	1
Fluoranthene	ND		5.0	1.6	ug/L		07/08/16 08:08	07/11/16 10:35	1
Fluorene	ND		5.0	1.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
Hexachlorocyclopentadiene	ND		5.0	5.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
Hexachloroethane	ND		5.0	0.60	ug/L		07/08/16 08:08	07/11/16 10:35	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		07/08/16 08:08	07/11/16 10:35	1
Isophorone	ND		5.0	0.74	ug/L		07/08/16 08:08	07/11/16 10:35	1
Naphthalene	ND		5.0	0.86	ug/L		07/08/16 08:08	07/11/16 10:35	1
Nitrobenzene	ND		5.0	0.81	ug/L		07/08/16 08:08	07/11/16 10:35	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		07/08/16 08:08	07/11/16 10:35	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		07/08/16 08:08	07/11/16 10:35	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		07/08/16 08:08	07/11/16 10:35	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-310195/1-A

Matrix: Water

Analysis Batch: 310461

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310195

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Octadecane	ND		10	1.2	ug/L		07/08/16 08:08	07/11/16 10:35	1
Pentachlorophenol	ND		10	1.6	ug/L		07/08/16 08:08	07/11/16 10:35	1
Phenanthrene	ND		5.0	1.2	ug/L		07/08/16 08:08	07/11/16 10:35	1
Phenol	ND		5.0	0.35	ug/L		07/08/16 08:08	07/11/16 10:35	1
Pyrene	ND		5.0	1.4	ug/L		07/08/16 08:08	07/11/16 10:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	77		52 - 151	07/08/16 08:08	07/11/16 10:35	1
2-Fluorobiphenyl	78		44 - 120	07/08/16 08:08	07/11/16 10:35	1
2-Fluorophenol	48		17 - 120	07/08/16 08:08	07/11/16 10:35	1
Nitrobenzene-d5	80		42 - 120	07/08/16 08:08	07/11/16 10:35	1
Phenol-d5	34		10 - 120	07/08/16 08:08	07/11/16 10:35	1
p-Terphenyl-d14	81		22 - 125	07/08/16 08:08	07/11/16 10:35	1

Lab Sample ID: LCS 480-310195/2-A

Matrix: Water

Analysis Batch: 310461

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	29.6		ug/L		59	44 - 142
1,2-Dichlorobenzene	50.0	27.6		ug/L		55	32 - 129
1,3-Dichlorobenzene	50.0	25.9		ug/L		52	1 - 172
1,4-Dichlorobenzene	50.0	26.3		ug/L		53	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	39.6		ug/L		79	36 - 166
2,4,6-Trichlorophenol	50.0	41.7		ug/L		83	37 - 144
2,4-Dichlorophenol	50.0	40.6		ug/L		81	39 - 135
2,4-Dimethylphenol	50.0	39.4		ug/L		79	32 - 119
2,4-Dinitrophenol	100	92.9		ug/L		93	1 - 191
2,4-Dinitrotoluene	50.0	41.7		ug/L		83	39 - 139
2,6-Dinitrotoluene	50.0	40.6		ug/L		81	50 - 158
2-Chloronaphthalene	50.0	35.3		ug/L		71	60 - 118
2-Chlorophenol	50.0	35.0		ug/L		70	23 - 134
2-Nitrophenol	50.0	40.5		ug/L		81	29 - 182
3,3'-Dichlorobenzidine	100	77.4		ug/L		77	1 - 262
4,6-Dinitro-2-methylphenol	100	93.6		ug/L		94	1 - 181
4-Bromophenyl phenyl ether	50.0	42.5		ug/L		85	53 - 127
4-Chloro-3-methylphenol	50.0	41.2		ug/L		82	22 - 147
4-Chlorophenyl phenyl ether	50.0	39.8		ug/L		80	25 - 158
4-Nitrophenol	100	49.2		ug/L		49	1 - 132
Acenaphthene	50.0	37.7		ug/L		75	47 - 145
Acenaphthylene	50.0	38.5		ug/L		77	33 - 145
Aniline	50.0	30.1		ug/L		60	40 - 120
Anthracene	50.0	41.4		ug/L		83	27 - 133
Benzo[a]anthracene	50.0	42.2		ug/L		84	33 - 143
Benzo[a]pyrene	50.0	43.0		ug/L		86	17 - 163
Benzo[b]fluoranthene	50.0	43.2		ug/L		86	24 - 159
Benzo[g,h,i]perylene	50.0	44.0		ug/L		88	1 - 219
Benzo[k]fluoranthene	50.0	41.9		ug/L		84	11 - 162

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-310195/2-A

Matrix: Water

Analysis Batch: 310461

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Bis(2-chloroethoxy)methane	50.0	37.7		ug/L		75	33 - 184	
Bis(2-chloroethyl)ether	50.0	36.3		ug/L		73	12 - 158	
Bis(2-ethylhexyl) phthalate	50.0	43.0		ug/L		86	8 - 158	
Butyl benzyl phthalate	50.0	43.2		ug/L		86	1 - 152	
Chrysene	50.0	41.6		ug/L		83	17 - 168	
Dibenz(a,h)anthracene	50.0	43.8		ug/L		88	1 - 227	
Diethyl phthalate	50.0	40.6		ug/L		81	1 - 114	
Dimethyl phthalate	50.0	41.5		ug/L		83	1 - 112	
Di-n-butyl phthalate	50.0	43.8		ug/L		88	1 - 118	
Di-n-octyl phthalate	50.0	43.6		ug/L		87	4 - 146	
Fluoranthene	50.0	42.5		ug/L		85	26 - 137	
Fluorene	50.0	38.9		ug/L		78	59 - 121	
Hexachlorobenzene	50.0	42.4		ug/L		85	1 - 152	
Hexachlorocyclopentadiene	50.0	27.4		ug/L		55	5 - 120	
Hexachloroethane	50.0	23.5		ug/L		47	40 - 113	
Indeno[1,2,3-cd]pyrene	50.0	42.9		ug/L		86	1 - 171	
Isophorone	50.0	39.6		ug/L		79	21 - 196	
Naphthalene	50.0	34.2		ug/L		68	21 - 133	
Nitrobenzene	50.0	38.4		ug/L		77	35 - 180	
N-Nitrosodi-n-propylamine	50.0	39.4		ug/L		79	1 - 230	
N-Nitrosodiphenylamine	50.0	40.5		ug/L		81	54 - 125	
Pentachlorophenol	100	80.4		ug/L		80	14 - 176	
Phenanthrene	50.0	41.6		ug/L		83	54 - 120	
Phenol	50.0	17.7		ug/L		35	5 - 112	
Pyrene	50.0	41.7		ug/L		83	52 - 115	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	89		52 - 151
2-Fluorobiphenyl	78		44 - 120
2-Fluorophenol	46		17 - 120
Nitrobenzene-d5	78		42 - 120
Phenol-d5	35		10 - 120
p-Terphenyl-d14	80		22 - 125

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-310181/1-A

Matrix: Water

Analysis Batch: 310323

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310181

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.060	0.038	ug/L		07/08/16 07:46	07/08/16 19:09	1
PCB-1221	ND		0.060	0.038	ug/L		07/08/16 07:46	07/08/16 19:09	1
PCB-1232	ND		0.060	0.038	ug/L		07/08/16 07:46	07/08/16 19:09	1
PCB-1242	ND		0.060	0.038	ug/L		07/08/16 07:46	07/08/16 19:09	1
PCB-1248	ND		0.060	0.038	ug/L		07/08/16 07:46	07/08/16 19:09	1
PCB-1254	ND		0.060	0.031	ug/L		07/08/16 07:46	07/08/16 19:09	1
PCB-1260	ND		0.060	0.031	ug/L		07/08/16 07:46	07/08/16 19:09	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	64		26 - 135	07/08/16 07:46	07/08/16 19:09	1
Tetrachloro-m-xylene	96		27 - 159	07/08/16 07:46	07/08/16 19:09	1

Lab Sample ID: LCS 480-310181/2-A
Matrix: Water
Analysis Batch: 310323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310181

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
PCB-1016	1.00	1.19		ug/L		119	40 - 142
PCB-1260	1.00	0.981		ug/L		98	67 - 148

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	68		26 - 135
Tetrachloro-m-xylene	105		27 - 159

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-310481/1-A
Matrix: Water
Analysis Batch: 310799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 310481

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chromium	ND		0.0040	0.0010	mg/L		07/11/16 12:00	07/12/16 15:30	1
Copper	ND		0.010	0.0016	mg/L		07/11/16 12:00	07/12/16 15:30	1
Lead	ND		0.010	0.0030	mg/L		07/11/16 12:00	07/12/16 15:30	1
Nickel	ND		0.010	0.0013	mg/L		07/11/16 12:00	07/12/16 15:30	1
Zinc	0.00214	J	0.010	0.0015	mg/L		07/11/16 12:00	07/12/16 15:30	1

Lab Sample ID: LCS 480-310481/2-A
Matrix: Water
Analysis Batch: 310799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Chromium	0.200	0.201		mg/L		101	85 - 115
Copper	0.200	0.190		mg/L		95	85 - 115
Lead	0.200	0.191		mg/L		96	85 - 115
Nickel	0.200	0.187		mg/L		93	85 - 115
Zinc	0.200	0.194		mg/L		97	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-310177/1-A
Matrix: Water
Analysis Batch: 310310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 310177

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		07/08/16 08:00	07/08/16 13:00	1

Lab Sample ID: LCS 480-310177/2-A
Matrix: Water
Analysis Batch: 310310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Mercury	0.00667	0.00702		mg/L		105	85 - 115

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: 420.1 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-310537/1-A
 Matrix: Water
 Analysis Batch: 310681

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 310537

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		07/11/16 14:14	07/12/16 09:17	1

Lab Sample ID: LCS 480-310537/2-A
 Matrix: Water
 Analysis Batch: 310681

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 310537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.0973		mg/L		97	90 - 110

Lab Sample ID: 480-102747-1 MS
 Matrix: Water
 Analysis Batch: 310681

Client Sample ID: BCC BSA SUMP_0716
 Prep Type: Total/NA
 Prep Batch: 310537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.010		0.100	0.107		mg/L		97	90 - 110

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-310959/1
 Matrix: Water
 Analysis Batch: 310959

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			07/13/16 15:33	1

Lab Sample ID: LCS 480-310959/2
 Matrix: Water
 Analysis Batch: 310959

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	240	239.2		mg/L		100	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-310278/23
 Matrix: Water
 Analysis Batch: 310278

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.060		SU		101	99 - 101

Lab Sample ID: 480-102747-1 DU
 Matrix: Water
 Analysis Batch: 310278

Client Sample ID: BCC BSA SUMP_0716
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.25	HF	8.280		SU		0.4	5

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-310493/3
 Matrix: Water
 Analysis Batch: 310493

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			07/11/16 10:55	1

Lab Sample ID: LCS 480-310493/4
 Matrix: Water
 Analysis Batch: 310493

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.200	0.211		mg/L as P		106	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-310262/1
 Matrix: Water
 Analysis Batch: 310262

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			07/08/16 10:36	1

Lab Sample ID: LCS 480-310262/2
 Matrix: Water
 Analysis Batch: 310262

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	171.6		mg/L		87	85 - 115

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

GC/MS VOA

Analysis Batch: 310253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	624	
480-102747-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-310253/39	Lab Control Sample	Total/NA	Water	624	
MB 480-310253/10	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 310195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	625	
LCS 480-310195/2-A	Lab Control Sample	Total/NA	Water	625	
MB 480-310195/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 310461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	625	310195
LCS 480-310195/2-A	Lab Control Sample	Total/NA	Water	625	310195
MB 480-310195/1-A	Method Blank	Total/NA	Water	625	310195

GC Semi VOA

Prep Batch: 310181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	3510C	
LCS 480-310181/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-310181/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 310323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	608	310181
LCS 480-310181/2-A	Lab Control Sample	Total/NA	Water	608	310181
MB 480-310181/1-A	Method Blank	Total/NA	Water	608	310181

Metals

Prep Batch: 310177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	245.1	
LCS 480-310177/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-310177/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 310310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	245.1	310177
LCS 480-310177/2-A	Lab Control Sample	Total/NA	Water	245.1	310177
MB 480-310177/1-A	Method Blank	Total/NA	Water	245.1	310177

Prep Batch: 310481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	200.7	

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Metals (Continued)

Prep Batch: 310481 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-310481/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-310481/1-A	Method Blank	Total/NA	Water	200.7	

Analysis Batch: 310799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	200.7 Rev 4.4	310481
LCS 480-310481/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	310481
MB 480-310481/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	310481

General Chemistry

Analysis Batch: 310262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	SM 5210B	
LCS 480-310262/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-310262/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 310278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	SM 4500 H+ B	
480-102747-1 DU	BCC BSA SUMP_0716	Total/NA	Water	SM 4500 H+ B	
LCS 480-310278/23	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 310493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	SM 4500 P E	
LCS 480-310493/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-310493/3	Method Blank	Total/NA	Water	SM 4500 P E	

Prep Batch: 310537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	Distill/Phenol	
480-102747-1 MS	BCC BSA SUMP_0716	Total/NA	Water	Distill/Phenol	
LCS 480-310537/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-310537/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 310681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	420.1	310537
480-102747-1 MS	BCC BSA SUMP_0716	Total/NA	Water	420.1	310537
LCS 480-310537/2-A	Lab Control Sample	Total/NA	Water	420.1	310537
MB 480-310537/1-A	Method Blank	Total/NA	Water	420.1	310537

Analysis Batch: 310945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 310959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102747-1	BCC BSA SUMP_0716	Total/NA	Water	SM 2540D	

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

General Chemistry (Continued)

Analysis Batch: 310959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-310959/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-310959/1	Method Blank	Total/NA	Water	SM 2540D	

- 1
- 2
- 3
- 4
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- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Client Sample ID: BCC BSA SUMP_0716

Lab Sample ID: 480-102747-1

Date Collected: 07/07/16 13:15

Matrix: Water

Date Received: 07/07/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	310253	07/08/16 20:03	RJF	TAL BUF
Total/NA	Prep	625			310195	07/08/16 08:08	CPH	TAL BUF
Total/NA	Analysis	625		1	310461	07/11/16 19:20	LMW	TAL BUF
Total/NA	Prep	3510C			310181	07/08/16 07:46	ARS	TAL BUF
Total/NA	Analysis	608		1	310323	07/08/16 23:21	KS	TAL BUF
Total/NA	Prep	200.7			310481	07/11/16 12:00	BAE	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	310799	07/12/16 15:47	AMH	TAL BUF
Total/NA	Prep	245.1			310177	07/08/16 08:00	JRK	TAL BUF
Total/NA	Analysis	245.1		1	310310	07/08/16 13:04	JRK	TAL BUF
Total/NA	Prep	Distill/Phenol			310537	07/11/16 14:14	JCL	TAL BUF
Total/NA	Analysis	420.1		1	310681	07/12/16 09:47	ELR	TAL BUF
Total/NA	Analysis	SM 2540D		1	310959	07/13/16 15:33	ELR	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	310945	07/13/16 14:44	KMF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	310278	07/08/16 13:43	ELR	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	310493	07/11/16 10:55	RP	TAL BUF
Total/NA	Analysis	SM 5210B		1	310262	07/08/16 10:36	LED	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-102747-2

Date Collected: 07/07/16 00:00

Matrix: Water

Date Received: 07/07/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	310253	07/08/16 20:27	RJF	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

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	03-31-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		Water	1,2-Dichloroethene, Total
625	625	Water	1,2-Dichlorobenzene
625	625	Water	1,2-Diphenylhydrazine
625	625	Water	1,3-Dichlorobenzene
625	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump

TestAmerica Job ID: 480-102747-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
608	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
420.1	Phenolics, Total Recoverable	MCAWW	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 CN G	Cyanide, Amenable	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
SM 4500 P E	Phosphorus	SM	TAL BUF
SM 5210B	BOD, 5-Day	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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 GWTF Sump

TestAmerica Job ID: 480-102747-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102747-1	BCC BSA SUMP_0716	Water	07/07/16 13:15	07/07/16 17:00
480-102747-2	TRIP BLANK	Water	07/07/16 00:00	07/07/16 17:00

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- 2
- 3
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- 5
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Detection Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745 Buffalo Color GWTF Sump


TestAmerica Job ID: 480-102747-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
625	Water	2,4-Dinitrotoluene	ug/L	5.0	10
625	Water	4-Nitrophenol	ug/L	10	15
625	Water	Hexachlorocyclopentadiene	ug/L	5.0	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

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 GWTF Sump Site: HoneyWell Buffalo Color - NYC915230 PO# 59074		Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (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: 7-16-08 Carrier: OSC		COC No: 48003159, 0716 1 of 1 COCs Job No. 0913-OMM																																																			
Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Identification	Flow Rates (GPM) EW-1: EW-2: EW-3A: EW-4: EW-5: Composite Percent (%) DC-1: DC-2:	Sample Specific Notes: Lab to composite 624 for BCC BSA Sump samples prior to analysis																																																		
7-16	1315	C	W	19	BCC_BSA_Sump_0716																																																				
N/A	N/A	N/A	N/A	2	Trip Blank																																																				
 480-102747 Chain of Custody																																																									
<table border="1"> <thead> <tr> <th>Analysis</th> <th>Quantity</th> <th>Unit</th> <th>Container Volume (ml)</th> <th>Disposition</th> </tr> </thead> <tbody> <tr> <td>4500 P-P-Phosphorus</td> <td>250</td> <td>ml</td> <td>250</td> <td>Return To Client</td> </tr> <tr> <td>4204 - Phenolics, Total Recoverable</td> <td>250</td> <td>ml</td> <td>250</td> <td>Return To Client</td> </tr> <tr> <td>624 SmI - (MID) Priority Pollutant VOA - 62</td> <td>40</td> <td>ml</td> <td>40</td> <td>Return To Client</td> </tr> <tr> <td>609 PCB - Priority Pollutant PCBs</td> <td>1000</td> <td>ml</td> <td>1000</td> <td>Return To Client</td> </tr> <tr> <td>635 (MID) Priority Pollutant List - SVOA - 6</td> <td>1000</td> <td>ml</td> <td>1000</td> <td>Return To Client</td> </tr> <tr> <td>8210B - Biochemical Oxygen Demand</td> <td>1000</td> <td>ml</td> <td>1000</td> <td>Return To Client</td> </tr> <tr> <td>2530B - Total Suspended Solids</td> <td>500</td> <td>ml</td> <td>500</td> <td>Return To Client</td> </tr> <tr> <td>SM4500CN G-Calc - Local Method</td> <td>250</td> <td>ml</td> <td>250</td> <td>Return To Client</td> </tr> <tr> <td>SM4500 HF - pH</td> <td>125</td> <td>ml</td> <td>125</td> <td>Return To Client</td> </tr> </tbody> </table>								Analysis	Quantity	Unit	Container Volume (ml)	Disposition	4500 P-P-Phosphorus	250	ml	250	Return To Client	4204 - Phenolics, Total Recoverable	250	ml	250	Return To Client	624 SmI - (MID) Priority Pollutant VOA - 62	40	ml	40	Return To Client	609 PCB - Priority Pollutant PCBs	1000	ml	1000	Return To Client	635 (MID) Priority Pollutant List - SVOA - 6	1000	ml	1000	Return To Client	8210B - Biochemical Oxygen Demand	1000	ml	1000	Return To Client	2530B - Total Suspended Solids	500	ml	500	Return To Client	SM4500CN G-Calc - Local Method	250	ml	250	Return To Client	SM4500 HF - pH	125	ml	125	Return To Client
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Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other <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/OC Requirements & Comments:																																																									
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial Relinquished by: Tom Wagner Date/Time: 7/16/08 Relinquished by: Schove Date/Time: 7/16/08 Relinquished by: Company: Date/Time:																																																									



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-102747-1

Login Number: 102747

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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



Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

Date	Associate	Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27				Discharge Lines To BSA Sump					Comments
		Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-90	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks		
7/1/2016	TW	49	48	32	23	46	23	14.7	20	15	17	15	7.28	12	16.3	16,451,242	12	24.6	12,082,347	22	3	11	2	2	y	FE-106 Totalizer not working	
7/11/2016	TW	48	47	33	25	44	25	15	22	17	18	17	7.35	14	16.4	16,451,242	14	26.1	12,107,931	23	2	11	2	2	y	FE-106 Totalizer not working	
7/15/2016	TW	48	46	33	19	43	22	14.4	20	17	19	16	7.25	13	15.5	16,451,242	13	22.7	12,142,498	17	2	10	2	2	y	FE-106 Totalizer not working	
7/29/2016	TW	49	47	33	25	44	28	15.1	24	21	22	20	7.24	17	16	16,451,242	17	26.9	12,219,385	24	3	11	2	2	y	FE-106 Totalizer not working	
8/5/2016	TW	49	47	33	25	43	28	14.7	25	22	23	21	7.32	17	14.8	16,474,482	17	26	12,253,685	23	3	10	2	3	y		
8/12/2016	TW	49	45	33	26	42	20	13.9	20	11	12	10	7.16	7	14	16,528,424	9	27.1	12,284,900	24	3	11	1	2	y		
8/26/2016	TW	49	48	32	24	45	20	18.2	20	13	14	10	7.22	7	18.6	16,635,556	7	28.7	12,339,467	23	3	9	2	3	y		
9/1/2016	TW	48	47	32	25	44	19	18.6	18	13	15	11	7.34	7	18.7	16,694,052	8	27.9	12,364,018	24	3	10	2	2	y	M. M. filter needs repair	
9/9/2016	TW	49	44	33	24	40	15	17.9	18	12	14	11	7.3	7	18	16,756,223	7	26.8	12,387,751	22	3	11	2	3	y		
9/16/2016	TW	48	43	32	25	41	18	17	16	11	12	10	7.28	7	17.4	16,824,604	7	27.3	12,412,755	23	3	10	2	2	y		
9/22/2016	TW	49	47	32	24	43	22	16.4	23	10	14	9	7.4	6	16.5	16,876,694	6	24.4	12,430,401	21	3	9	2	2	y		
9/30/2016	TW	48	48	32	25	45	20	17.7	19	13	14	11	7.19	8	17.7	16,943,116	8	27.6	12,451,339	20							

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
7/1/2016					1	1		1	1	1			FE-106 totalizer not working
7/2/2016													
7/3/2016								1	1	1			
7/4/2016													
7/5/2016					1	1	1	1	1	1	1	1	Gac Sample
7/6/2016								0.5	1	1			
7/7/2016								0.5	1				
7/8/2016					1	1		1	1	1	1	1	
7/9/2016													
7/10/2016													
7/11/2016								1	2	1			
7/12/2016								0.5	1	1			
7/13/2016								1	1	1			
7/14/2016										1			
7/15/2016					1	1		1	1	1			
7/16/2016													
7/17/2016													
7/18/2016								1	2	1	1		
7/19/2016								0.5	1	1			
7/20/2016								1	1				
7/21/2016													
7/22/2016													
7/23/2016													
7/24/2016													
7/25/2016								1	2	2			
7/26/2016								0.5		1			Cleaned Air vents on BF
7/27/2016								1	1				
7/28/2016							1			1	1	1	
7/29/2016								1	1	1			
7/30/2016													
7/31/2016													
8/1/2016								1	2	1			
8/2/2016								0.5	1	1			
8/3/2016								0.5		1			
8/4/2016							1	0.5	1				
8/5/2016					1	1		1	1	1			
8/6/2016													
8/7/2016													
8/8/2016								1	1	1	1		Clean, acid flush #5 well
8/9/2016								0.5	1	1			
8/10/2016								1		1			
8/11/2016								0.5	1				
8/12/2016					1	1		1	1	1			
8/13/2016													
8/14/2016													
8/15/2016								1	1	1			
8/16/2016													MM filter needs repair
8/17/2016								1	1	1			
8/18/2016										1			
8/19/2016					1	1		1	1	1			
8/20/2016													
8/21/2016													
8/22/2016								1	1	1			
8/23/2016										1			Clean BSA line-Jetter

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
8/24/2016								0.5	1				Clean BSA line-Jetter
8/25/2016								1	1	1			
8/26/2016					1	1	1	1	1	1	1	1	
8/27/2016													
8/28/2016													
8/29/2016								1	2	1			
8/30/2016								0.5		1			
8/31/2016								1	1				
9/1/2016					1	1	1	1	1	1	1		
9/2/2016								1	1	2			
9/3/2016													
9/4/2016													
9/5/2016													
9/6/2016								1	1	1			
9/7/2016								0.5	1				
9/8/2016							1	0.5		2	1		
9/9/2016					1	1		1	1	1			
9/10/2016													
9/11/2016													
9/12/2016								1	1	1			
9/13/2016								0.5	1	1			
9/14/2016								1		1			
9/15/2016							1	0.5	1		1	1	
9/16/2016					1	1		1	1	1			
9/17/2016													
9/18/2016													
9/19/2016								1	1	2			
9/20/2016								0.5	1				
9/21/2016								1	1	1			Well #4 Down
9/22/2016					1	1	1	1	1	1		1	
9/23/2016													
9/24/2016													
9/25/2016													
9/26/2016								1	2	1			
9/27/2016								0.5	2	1			Run Area D Wells
9/28/2016								0.5	1	1			Run Area D Wells
9/29/2016								0.5	1				
9/30/2016					1	1	1	1	1	1		1	



January 31, 2017

Michael Szilagyi
Industrial Waste Administrator
Buffalo Sewer Authority
90 West Ferry Street
Buffalo, New York, 14213

**Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #14-06-BU109
OSC Project ID: 16011**

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of October 1, 2016 through December 31, 2016. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #14-06BU109.

Included with the report are:

- Operation log sheets;
- A copy of the current BSA discharge permit;
- Schematic showing the location for monitoring and sampling;
- Summary of the discharge flow by month;
- Comparison of analytical data to permit limits; and
- Analytical laboratory results.

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

Sincerely,

Kirsten Colligan
Project Manager - *Ontario Specialty Contracting, Inc.*

cc: Richard Galloway
Eugene Melnyk
John Yensan
Daniel Forlastro

Honeywell
NYSDEC Region 9
South Buffalo Development, LLC
AMEC Environment & Infrastructure

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York, 14213**

**B.P.D.E.S. Permit No. #14-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)**
Reporting Period: October 1, 2016 through December 31, 2016

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the Effluent No. 1 and Effluent No. 2 flow totalizers, which includes any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by TestAmerica located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:

October 2016	327,458 gallons
November 2016	357,867 gallons
December 2016	173,392 gallons

Total Quarterly Discharge 862,604 gallons

Estimated Area D contribution this period:

3,887 gallons

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

Attachments:

BSA Permit Analytical Summary Table, BSA Discharge Permit, Monitoring and Sampling Schematic, Laboratory Analytical Results, and Field Data Collection Sheets

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No.	14-06-BU109	Effective June 1, 2014
Sample Date:	10/13/2016	
Sample Location:	Onsite Pump Station to BSA	

Year: 2016
Month: OCT

Event Group: SUMP
Lab Job ID: J107637-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	7.70	0.100	SU	7.70	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.028	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.028	Yes
Total Chromium	7440-47-3	0.0033	0.0040	mg/L	0.0003	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0031	0.010	mg/L	0.000	lbs/day	0.67	lbs/day	Yes	16	0.0031	Yes
Lead	7439-92-1	0.0040	0.0050	mg/L	0.0003	lbs/day	0.541	lbs/day	Yes	65	0.0040	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0015	0.010	mg/L	0.0001	lbs/day	1.17	lbs/day	Yes	14	0.0015	Yes
Zinc	7440-66-6	0.0050	0.010	mg/L	0.000	lbs/day	2.046	lbs/day	Yes	25	0.005	Yes
Amendable Cyanide	CAN	0.015	0.010	mg/L	0.001	lbs/day	2.59	lbs/day	Yes	6.2	0.015	Yes
Total PCB	Sum Method_E608	ND	0.059	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	0.025	1900	ug/L	0.0000	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	ND	25	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	3.7	25	ug/L	0.0003	lbs/day	0.129	lbs/day	Yes	0.31	0.00	Yes
1,2-Dichlorobenzene	95-50-1	ND	9.4	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	4.7	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	0.47	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	4.7	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	ND	25	ug/L	ND	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	6.4	4.0	mg/L	6.4	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.490	0.010	mg/L	0.490	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	6.58	-	gpm	9,479	gpd	50,000	gpd	Yes			

*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L

**Analyzed by total phosphorus method SM 4500-P E

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations		
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	29,477,523	10/1/2016
Final Reading	30,340,127	12/31/2016
Total Days in Period	91	
Total Flow for Period	862,604	gallons
Average Flow for Period	6.58	gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES
1038 CITY HALL
65 NIAGARA SQUARE
BUFFALO, NY 14202-3378
PHONE: (716) 851-4664
FAX: (716) 856-5810

WASTEWATER TREATMENT PLANT
FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 883-1820

February 11, 2014



Andrew Madden
Manager
South Buffalo Development, LLC.
333 Ganson Street
Buffalo, New York 14203

Re: BPDES Permit No. 14-06-BU109

Dear Mr. Madden:

Enclosed is your BPDES Permit No. 14-06-BU109. This permit is issued by the BSA and allows your facility to discharge process wastes to the sanitary sewers.

This original permit must be maintained at your Buffalo facility and must be available for inspection at all times. It is your responsibility to assure continual compliance with the terms and conditions of this permit. Finally, you must apply for renewal at least six (6) months before this permit expires.

If you have any questions, please call Dennis W. Young at 851-4664, ext. 5256.

Very truly yours,

By:

Leslie Sedita
Industrial Waste Administrator
Industrial Waste Section

cc: M. Letina

I:\WPD\JK\SBDLLC1406bu109permittr

**AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO
POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**PERMIT NO. 14-06-BU109
EPA 40CFR 403**

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the Sewer Regulations of the Buffalo Sewer Authority, authorization is hereby granted to:

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

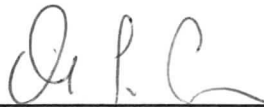
**Areas A and D of the former Buffalo Color Corporation Site
1037 South Park Avenue, Buffalo, New York 14210**

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 4, 2014** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2014

To Expire May 31, 2017



General Manager

Signed this 16th day of February, 2014

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfalls (see attached maps) shall be limited and monitored **Quarterly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe	Quarterly
	Total Flow	50,000 gals		Flow Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test ⁽⁶⁾				Quarterly
	Methods 624			Grab ⁽⁷⁾	
	Base/Neutrals & Acid ⁽⁸⁾				Quarterly
	Extractable-EPA				
	Tests Method 625			Composite	
	Total PCB's	0.000 lbs	0.002	Composite	Quarterly
	Aniline	50.0 lbs	0.00	Composite	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Composite	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Composite	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Composite	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Composite	Quarterly
	Acenaphthylene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

Sample Point	Parameter	Discharge Limitations		Sampling Requirements	
		Daily Max	Maid*	Type	Frequency
	Fluorene	0.131 lbs.	0.314 mg/L	Composite	Quarterly
	Phenanthrene	0.131 lbs.	0.314 mg/L	Composite	Quarterly

*M.A.I.D. – Maximum Allowable Instantaneous Discharge – Slug Limit.
 SEE PAGE FOUR (4) FOR EXPLANATION OF SPECIFIC REQUIREMENTS.

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, discharge monitoring results shall be summarized and reported quarterly by the permittee on the days specified below:

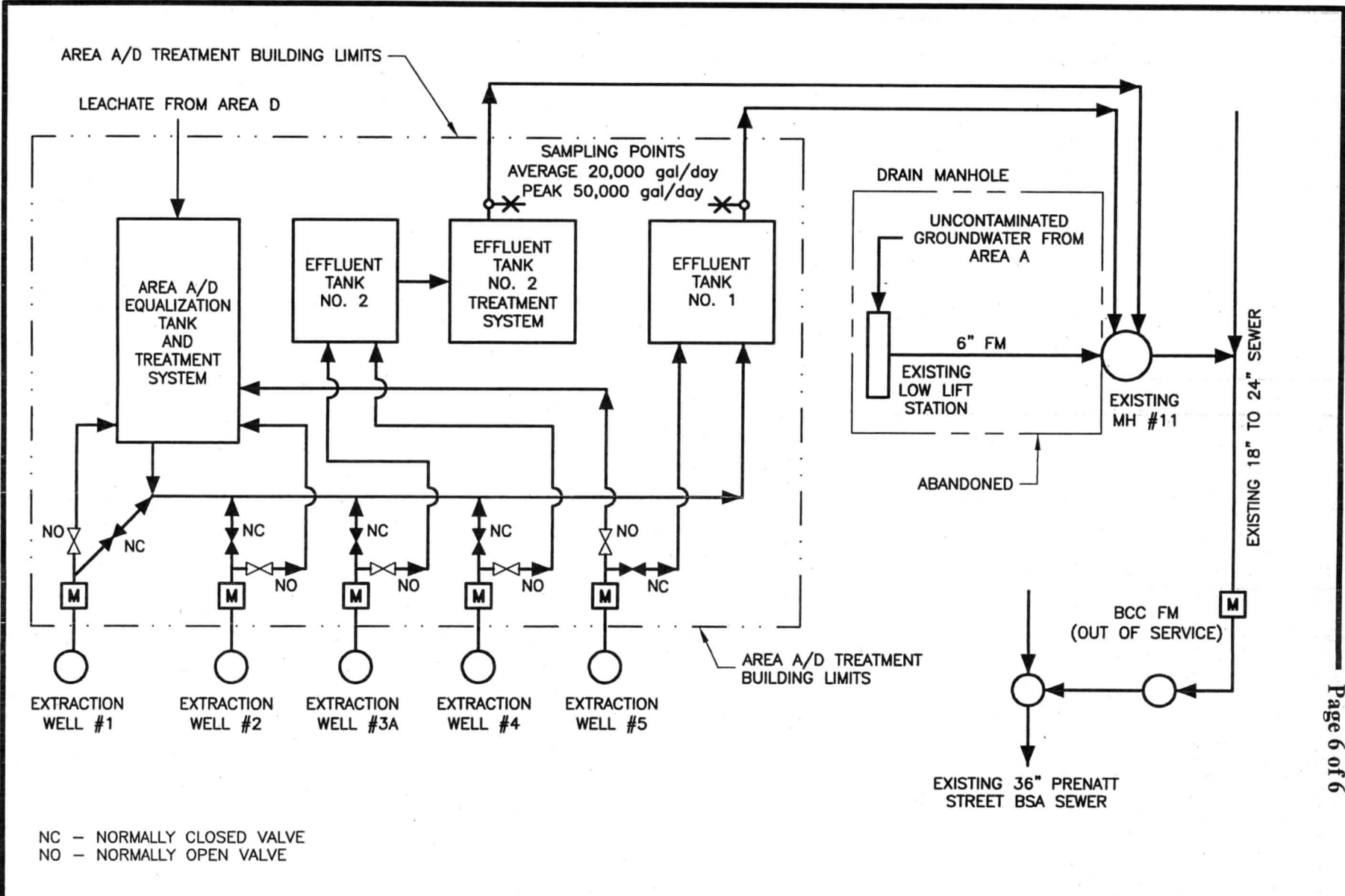
Sample Point	Parameter	Reporting Requirements	
		Initial Report	Subsequent Reports
001	All analytes	July 31, 2011	Every July 31, October 31, January 31, April 30**

** Each reporting dated is for samples collected during the previous quarter.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

- (1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.
- (2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more than 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.
- (3) Surchargeable limit only.
- (4) Composite samples may be flow proportioned.
- (5) EPA Test Method 604.
- (6) The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.
- (7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.
- (8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater than 0.01 mg/L.



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

2. Definitions

Definitions of terms contained in this permit are as defined in the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet".

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet".

5. Additional Monitoring by Permittee

If the permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York 14213**

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet". These reporting requirements shall not relieve the permittee of any other reports, which may be required by the N.Y.S.D.E.C. or the U.S.E.P.A.

7. Certification Statement

All self-monitoring reports shall include the following certification statement, signed by the preparer of the report:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

B. PERMITTEE REQUIREMENTS

1. Change in Discharge [revised 08/2013]

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the BPDES permit application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new BPDES Permit application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge. A Baseline Monitoring Report shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet".

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager.

3. Spill Prevention and Control Plan [added 08/2013]

The permittee shall have a plan to prevent and control spills into the sewer system. The plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet"

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM – 3:00 PM call 851-4661, ext. 5374. After 3:00 PM call ext. 851-4664, ext. 600. If requested by the B.S.A., Within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification [Revised 08/2013]

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 883-1820 851-4664, ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall also provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. a description of the discharge and cause of noncompliance and;
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

Additionally, the permittee shall repeat the sampling and analysis and submit these results of the report analysis to the Industrial Waste Section within 30 days after

becoming aware of the violation.

6. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

7. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo Sewer System.

8. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

9. Treatment Upsets

- a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:
 - (i) A description of the upset, its cause(s) and impact on the discharger's compliance status;
 - (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;
 - (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

- b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

- a. A bypass of the treatment system is prohibited unless the following conditions are met:
 - (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or
 - (ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and
 - (iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.
- b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent its recurrence.
- c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority

and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

- a. Violation of any terms or conditions of this permit,
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the permittee from any requirements, liabilities, or penalties under provisions of the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to \$10,000.00 per day for each violation. Any person who willfully or negligently violates permit

conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the permittee is required to notify the Industrial Waste Section in writing as soon as an anticipated closure date is determined, but in no case later than five days of the actual closure.

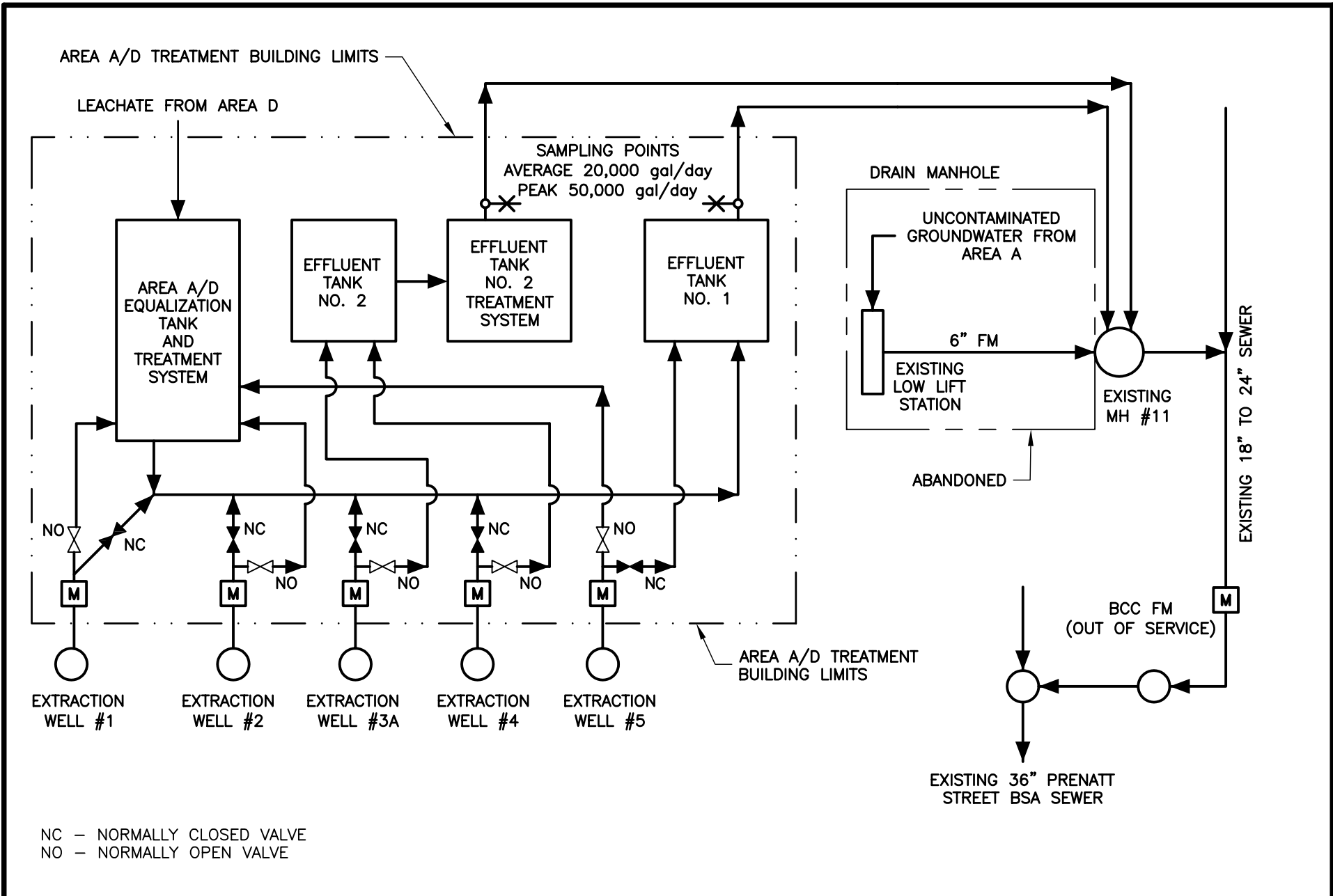
G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



Ontario Specialty Contracting, Inc.
Environmental Remediation • Demolition / Dismantlement • Brownfield Redevelopment

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

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: 480-107637-1

Client Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

Sampling Event: Buffalo Color - Quarterly Sump

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

10/25/2016 2:31:48 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

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www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Job ID: 480-107637-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-107637-1

Comments

No additional comments.

Receipt

The samples were received on 10/13/2016 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.0° C.

GC/MS VOA

Method(s) 624: The preservative used in the samples containers provided are not compatible with the Method 624 analytes requested. The following samples were received preserved with hydrochloric acid: BCC BSA SUMP_1016 (480-107637-1) and TRIP BLANK (480-107637-2). The requested target analyte list contains 2-chloroethyl vinyl ether, which is an acid-labile compounds that degrade in an acidic medium.

Method(s) 624: The following Volatile sample was composited by the laboratory on 10/13/16 as requested by the client: BCC BSA SUMP_1016 (480-107637-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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) 625: The laboratory control sample (LCS) for preparation batch 480-325717 recovered outside control limits for the following analytes: Dimethyl phthalate, Diethyl phthalate, and Di-n-butyl phthalate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 625: The continuing calibration verification (CCV) associated with batch 480-325909 recovered above the upper control limit for Benzidine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC BSA SUMP_1016 (480-107637-1).

Method(s) 625: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-325717 was outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

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

GC Semi VOA

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

Metals

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

General Chemistry

Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP_1016 (480-107637-1).

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: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Client Sample ID: BCC BSA SUMP_1016

Lab Sample ID: 480-107637-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.7	J	5.0	0.48	ug/L	1		624	Total/NA
Aniline	25	F2 F1	9.6	1.4	ug/L	1		625	Total/NA
Phenol	89	F2 F1	4.8	0.34	ug/L	1		625	Total/NA
Chromium	0.0033	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0031	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0040	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0015	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0050	J B	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.028		0.010	0.0050	mg/L	1		420.1	Total/NA
Cyanide, Amenable	0.015		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Phosphorus	0.49		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	4.5	b	2.0	2.0	mg/L	1		SM 5210B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	6.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	7.7	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-107637-2

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- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Client Sample ID: BCC BSA SUMP_1016

Lab Sample ID: 480-107637-1

Date Collected: 10/13/16 10:30

Matrix: Water

Date Received: 10/13/16 15:55

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/13/16 23:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/13/16 23:27	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/13/16 23:27	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/13/16 23:27	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/13/16 23:27	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/13/16 23:27	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/13/16 23:27	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/13/16 23:27	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/13/16 23:27	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/13/16 23:27	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/13/16 23:27	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/13/16 23:27	1
Acrolein	ND		100	17	ug/L			10/13/16 23:27	1
Acrylonitrile	ND		50	1.9	ug/L			10/13/16 23:27	1
Benzene	ND		5.0	0.60	ug/L			10/13/16 23:27	1
Bromoform	ND		5.0	0.47	ug/L			10/13/16 23:27	1
Bromomethane	ND		5.0	1.2	ug/L			10/13/16 23:27	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/13/16 23:27	1
Chlorobenzene	3.7	J	5.0	0.48	ug/L			10/13/16 23:27	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/13/16 23:27	1
Chloroethane	ND		5.0	0.87	ug/L			10/13/16 23:27	1
Chloroform	ND		5.0	0.54	ug/L			10/13/16 23:27	1
Chloromethane	ND		5.0	0.64	ug/L			10/13/16 23:27	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/13/16 23:27	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/13/16 23:27	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/13/16 23:27	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/13/16 23:27	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/13/16 23:27	1
Toluene	ND		5.0	0.45	ug/L			10/13/16 23:27	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/13/16 23:27	1
Trichloroethene	ND		5.0	0.60	ug/L			10/13/16 23:27	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/13/16 23:27	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/13/16 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 120		10/13/16 23:27	1
4-Bromofluorobenzene (Surr)	115		80 - 120		10/13/16 23:27	1
Toluene-d8 (Surr)	96		77 - 120		10/13/16 23:27	1
Dibromofluoromethane (Surr)	97		78 - 120		10/13/16 23:27	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.6	0.79	ug/L		10/14/16 15:16	10/17/16 14:22	1
1,2-Dichlorobenzene	ND		9.6	4.8	ug/L		10/14/16 15:16	10/17/16 14:22	1
1,2-Diphenylhydrazine	ND		9.6	0.75	ug/L		10/14/16 15:16	10/17/16 14:22	1
1,3-Dichlorobenzene	ND		9.6	0.66	ug/L		10/14/16 15:16	10/17/16 14:22	1
1,4-Dichlorobenzene	ND		9.6	5.4	ug/L		10/14/16 15:16	10/17/16 14:22	1
2,2'-oxybis[1-chloropropane]	ND		4.8	0.81	ug/L		10/14/16 15:16	10/17/16 14:22	1
2,4,6-Trichlorophenol	ND		4.8	0.96	ug/L		10/14/16 15:16	10/17/16 14:22	1
2,4-Dichlorophenol	ND		4.8	0.74	ug/L		10/14/16 15:16	10/17/16 14:22	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Client Sample ID: BCC BSA SUMP_1016

Lab Sample ID: 480-107637-1

Date Collected: 10/13/16 10:30

Matrix: Water

Date Received: 10/13/16 15:55

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		4.8	1.3	ug/L		10/14/16 15:16	10/17/16 14:22	1
2,4-Dinitrophenol	ND		9.6	4.8	ug/L		10/14/16 15:16	10/17/16 14:22	1
2,4-Dinitrotoluene	ND		4.8	4.8	ug/L		10/14/16 15:16	10/17/16 14:22	1
2,6-Dinitrotoluene	ND		4.8	0.96	ug/L		10/14/16 15:16	10/17/16 14:22	1
2-Chloronaphthalene	ND		4.8	0.88	ug/L		10/14/16 15:16	10/17/16 14:22	1
2-Chlorophenol	ND		4.8	0.63	ug/L		10/14/16 15:16	10/17/16 14:22	1
2-Nitrophenol	ND		4.8	0.67	ug/L		10/14/16 15:16	10/17/16 14:22	1
3,3'-Dichlorobenzidine	ND		4.8	0.79	ug/L		10/14/16 15:16	10/17/16 14:22	1
4,6-Dinitro-2-methylphenol	ND		9.6	0.63	ug/L		10/14/16 15:16	10/17/16 14:22	1
4-Bromophenyl phenyl ether	ND		4.8	1.3	ug/L		10/14/16 15:16	10/17/16 14:22	1
4-Chloro-3-methylphenol	ND		4.8	1.1	ug/L		10/14/16 15:16	10/17/16 14:22	1
4-Chlorophenyl phenyl ether	ND		4.8	1.3	ug/L		10/14/16 15:16	10/17/16 14:22	1
4-Nitrophenol	ND		9.6	9.6	ug/L		10/14/16 15:16	10/17/16 14:22	1
Acenaphthene	ND		4.8	0.78	ug/L		10/14/16 15:16	10/17/16 14:22	1
Acenaphthylene	ND		4.8	0.84	ug/L		10/14/16 15:16	10/17/16 14:22	1
Aniline	25	F2 F1	9.6	1.4	ug/L		10/14/16 15:16	10/17/16 14:22	1
Anthracene	ND		4.8	1.3	ug/L		10/14/16 15:16	10/17/16 14:22	1
Benzidine	ND	F1	77	34	ug/L		10/14/16 15:16	10/17/16 14:22	1
Benzo[a]anthracene	ND		4.8	1.1	ug/L		10/14/16 15:16	10/17/16 14:22	1
Benzo[a]pyrene	ND		4.8	1.3	ug/L		10/14/16 15:16	10/17/16 14:22	1
Benzo[b]fluoranthene	ND		4.8	1.2	ug/L		10/14/16 15:16	10/17/16 14:22	1
Benzo[g,h,i]perylene	ND		4.8	1.4	ug/L		10/14/16 15:16	10/17/16 14:22	1
Benzo[k]fluoranthene	ND		4.8	1.3	ug/L		10/14/16 15:16	10/17/16 14:22	1
Bis(2-chloroethoxy)methane	ND		4.8	0.72	ug/L		10/14/16 15:16	10/17/16 14:22	1
Bis(2-chloroethyl)ether	ND		4.8	0.89	ug/L		10/14/16 15:16	10/17/16 14:22	1
Bis(2-ethylhexyl) phthalate	ND		9.6	1.2	ug/L		10/14/16 15:16	10/17/16 14:22	1
Butyl benzyl phthalate	ND	F2	4.8	1.1	ug/L		10/14/16 15:16	10/17/16 14:22	1
Chrysene	ND	F2	4.8	0.96	ug/L		10/14/16 15:16	10/17/16 14:22	1
Decane	ND		9.6	1.5	ug/L		10/14/16 15:16	10/17/16 14:22	1
Dibenz(a,h)anthracene	ND		4.8	1.4	ug/L		10/14/16 15:16	10/17/16 14:22	1
Diethyl phthalate	ND	F1 *	4.8	0.96	ug/L		10/14/16 15:16	10/17/16 14:22	1
Dimethyl phthalate	ND	F1 *	4.8	0.88	ug/L		10/14/16 15:16	10/17/16 14:22	1
Di-n-butyl phthalate	ND	F1 *	4.8	1.5	ug/L		10/14/16 15:16	10/17/16 14:22	1
Di-n-octyl phthalate	ND		4.8	1.2	ug/L		10/14/16 15:16	10/17/16 14:22	1
Fluoranthene	ND		4.8	1.5	ug/L		10/14/16 15:16	10/17/16 14:22	1
Fluorene	ND		4.8	0.96	ug/L		10/14/16 15:16	10/17/16 14:22	1
Hexachlorobenzene	ND	F2	4.8	0.96	ug/L		10/14/16 15:16	10/17/16 14:22	1
Hexachlorobutadiene	ND		4.8	0.96	ug/L		10/14/16 15:16	10/17/16 14:22	1
Hexachlorocyclopentadiene	ND		4.8	4.8	ug/L		10/14/16 15:16	10/17/16 14:22	1
Hexachloroethane	ND		4.8	0.58	ug/L		10/14/16 15:16	10/17/16 14:22	1
Indeno[1,2,3-cd]pyrene	ND		4.8	1.4	ug/L		10/14/16 15:16	10/17/16 14:22	1
Isophorone	ND		4.8	0.71	ug/L		10/14/16 15:16	10/17/16 14:22	1
Naphthalene	ND		4.8	0.83	ug/L		10/14/16 15:16	10/17/16 14:22	1
Nitrobenzene	ND		4.8	0.78	ug/L		10/14/16 15:16	10/17/16 14:22	1
N-Nitrosodimethylamine	ND		9.6	4.8	ug/L		10/14/16 15:16	10/17/16 14:22	1
N-Nitrosodi-n-propylamine	ND		4.8	0.86	ug/L		10/14/16 15:16	10/17/16 14:22	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		10/14/16 15:16	10/17/16 14:22	1
n-Octadecane	ND		9.6	1.2	ug/L		10/14/16 15:16	10/17/16 14:22	1
Pentachlorophenol	ND		9.6	1.5	ug/L		10/14/16 15:16	10/17/16 14:22	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Client Sample ID: BCC BSA SUMP_1016

Lab Sample ID: 480-107637-1

Date Collected: 10/13/16 10:30

Matrix: Water

Date Received: 10/13/16 15:55

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		4.8	1.2	ug/L		10/14/16 15:16	10/17/16 14:22	1
Phenol	89	F2 F1	4.8	0.34	ug/L		10/14/16 15:16	10/17/16 14:22	1
Pyrene	ND	F1	4.8	1.3	ug/L		10/14/16 15:16	10/17/16 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		52 - 151				10/14/16 15:16	10/17/16 14:22	1
2-Fluorobiphenyl	103		44 - 120				10/14/16 15:16	10/17/16 14:22	1
2-Fluorophenol	61		17 - 120				10/14/16 15:16	10/17/16 14:22	1
Nitrobenzene-d5	91		42 - 120				10/14/16 15:16	10/17/16 14:22	1
Phenol-d5	44		10 - 120				10/14/16 15:16	10/17/16 14:22	1
p-Terphenyl-d14	91		22 - 125				10/14/16 15:16	10/17/16 14:22	1

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.058	0.036	ug/L		10/14/16 15:03	10/15/16 02:06	1
PCB-1221	ND		0.058	0.036	ug/L		10/14/16 15:03	10/15/16 02:06	1
PCB-1232	ND		0.058	0.036	ug/L		10/14/16 15:03	10/15/16 02:06	1
PCB-1242	ND		0.058	0.036	ug/L		10/14/16 15:03	10/15/16 02:06	1
PCB-1248	ND		0.058	0.036	ug/L		10/14/16 15:03	10/15/16 02:06	1
PCB-1254	ND		0.058	0.030	ug/L		10/14/16 15:03	10/15/16 02:06	1
PCB-1260	ND		0.058	0.030	ug/L		10/14/16 15:03	10/15/16 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		36 - 121				10/14/16 15:03	10/15/16 02:06	1
Tetrachloro-m-xylene	63		42 - 135				10/14/16 15:03	10/15/16 02:06	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0033	J	0.0040	0.0010	mg/L		10/15/16 11:01	10/17/16 18:28	1
Copper	0.0031	J	0.010	0.0016	mg/L		10/15/16 11:01	10/17/16 18:28	1
Lead	0.0040	J	0.010	0.0030	mg/L		10/15/16 11:01	10/17/16 18:28	1
Nickel	0.0015	J	0.010	0.0013	mg/L		10/15/16 11:01	10/17/16 18:28	1
Zinc	0.0050	J B	0.010	0.0015	mg/L		10/15/16 11:01	10/17/16 18:28	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/14/16 07:55	10/14/16 13:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	0.028		0.010	0.0050	mg/L		10/20/16 08:00	10/22/16 11:30	1
Cyanide, Amenable	0.015		0.010	0.0050	mg/L			10/20/16 14:25	1
Phosphorus	0.49		0.010	0.0050	mg/L as P			10/18/16 11:35	1
Biochemical Oxygen Demand	4.5	b	2.0	2.0	mg/L			10/14/16 09:59	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	6.4		4.0	4.0	mg/L			10/17/16 07:33	1
pH	7.7	HF	0.1	0.1	SU			10/14/16 15:26	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-107637-2

Date Collected: 10/13/16 00:00

Matrix: Water

Date Received: 10/13/16 15:55

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/13/16 23:50	1
Acrylonitrile	ND		100	1.9	ug/L			10/13/16 23:50	1
Benzene	ND		5.0	0.60	ug/L			10/13/16 23:50	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/13/16 23:50	1
Bromoform	ND		5.0	0.47	ug/L			10/13/16 23:50	1
Bromomethane	ND		5.0	1.2	ug/L			10/13/16 23:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/13/16 23:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/13/16 23:50	1
Chloroethane	ND		5.0	0.87	ug/L			10/13/16 23:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/13/16 23:50	1
Chloroform	ND		5.0	0.54	ug/L			10/13/16 23:50	1
Chloromethane	ND		5.0	0.64	ug/L			10/13/16 23:50	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/13/16 23:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/13/16 23:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/13/16 23:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/13/16 23:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/13/16 23:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/13/16 23:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/13/16 23:50	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/13/16 23:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/13/16 23:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/13/16 23:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/13/16 23:50	1
Toluene	ND		5.0	0.45	ug/L			10/13/16 23:50	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/13/16 23:50	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/13/16 23:50	1
Trichloroethene	ND		5.0	0.60	ug/L			10/13/16 23:50	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/13/16 23:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/13/16 23:50	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/13/16 23:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/13/16 23:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/13/16 23:50	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/13/16 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		10/13/16 23:50	1
4-Bromofluorobenzene (Surr)	117		80 - 120		10/13/16 23:50	1
Toluene-d8 (Surr)	94		77 - 120		10/13/16 23:50	1
Dibromofluoromethane (Surr)	92		78 - 120		10/13/16 23:50	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (80-120)	BFB (80-120)	TOL (77-120)	DBFM (78-120)
480-107637-1	BCC BSA SUMP_1016	107	115	96	97
480-107637-2	TRIP BLANK	104	117	94	92
LCS 480-325417/6	Lab Control Sample	105	111	97	94
MB 480-325417/8	Method Blank	108	112	97	94

Surrogate Legend

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

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-107637-1	BCC BSA SUMP_1016	112	103	61	91	44	91
480-107637-1 MS	BCC BSA SUMP_1016	106	95	79	93	68	83
480-107637-1 MSD	BCC BSA SUMP_1016	125	108	85	103	74	101
LCS 480-325717/2-A	Lab Control Sample	116	109	63	102	47	108
MB 480-325717/1-A	Method Blank	91	101	55	85	43	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: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (36-121)	TCX2 (42-135)
480-107637-1	BCC BSA SUMP_1016	55	63
LCS 480-325713/2-A	Lab Control Sample	64	75
MB 480-325713/1-A	Method Blank	60	66

Surrogate Legend

DCB = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-325417/8

Matrix: Water

Analysis Batch: 325417

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/13/16 15:27	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/13/16 15:27	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/13/16 15:27	1
Acrolein	ND		100	17	ug/L			10/13/16 15:27	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/13/16 15:27	1
Acrylonitrile	ND		50	1.9	ug/L			10/13/16 15:27	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/13/16 15:27	1
Benzene	ND		5.0	0.60	ug/L			10/13/16 15:27	1
Bromoform	ND		5.0	0.47	ug/L			10/13/16 15:27	1
Bromomethane	ND		5.0	1.2	ug/L			10/13/16 15:27	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/13/16 15:27	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/13/16 15:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/13/16 15:27	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/13/16 15:27	1
Chloroethane	ND		5.0	0.87	ug/L			10/13/16 15:27	1
Chloroform	ND		5.0	0.54	ug/L			10/13/16 15:27	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/13/16 15:27	1
Chloromethane	ND		5.0	0.64	ug/L			10/13/16 15:27	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/13/16 15:27	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/13/16 15:27	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/13/16 15:27	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/13/16 15:27	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/13/16 15:27	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/13/16 15:27	1
Toluene	ND		5.0	0.45	ug/L			10/13/16 15:27	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/13/16 15:27	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/13/16 15:27	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/13/16 15:27	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/13/16 15:27	1
Trichloroethene	ND		5.0	0.60	ug/L			10/13/16 15:27	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/13/16 15:27	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/13/16 15:27	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/13/16 15:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		10/13/16 15:27	1
4-Bromofluorobenzene (Surr)	112		80 - 120		10/13/16 15:27	1
Toluene-d8 (Surr)	97		77 - 120		10/13/16 15:27	1
Dibromofluoromethane (Surr)	94		78 - 120		10/13/16 15:27	1

Lab Sample ID: LCS 480-325417/6

Matrix: Water

Analysis Batch: 325417

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloroethyl vinyl ether	20.0	18.4	J	ug/L		92	1 - 305
1,1-Dichloroethane	20.0	21.7		ug/L		109	59 - 155
1,2-Dichloroethane	20.0	22.9		ug/L		115	49 - 155

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-325417/6

Matrix: Water

Analysis Batch: 325417

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	19.3		ug/L		97	1 - 234
1,2-Dichloropropane	20.0	22.4		ug/L		112	1 - 210
Benzene	20.0	20.8		ug/L		104	37 - 151
Bromoform	20.0	17.5		ug/L		88	45 - 169
Bromomethane	20.0	20.3		ug/L		101	1 - 242
Carbon tetrachloride	20.0	21.6		ug/L		108	70 - 140
Chlorobenzene	20.0	20.1		ug/L		101	37 - 160
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		104	46 - 157
Dibromochloromethane	20.0	17.9		ug/L		90	53 - 149
Chloroethane	20.0	22.0		ug/L		110	14 - 230
Chloroform	20.0	21.8		ug/L		109	51 - 138
1,1,1-Trichloroethane	20.0	21.5		ug/L		107	52 - 162
Chloromethane	20.0	19.5		ug/L		98	1 - 273
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	52 - 150
cis-1,3-Dichloropropene	20.0	19.9		ug/L		99	1 - 227
Bromodichloromethane	20.0	20.6		ug/L		103	35 - 155
Ethylbenzene	20.0	21.2		ug/L		106	37 - 162
Methylene Chloride	20.0	20.2		ug/L		101	1 - 221
Tetrachloroethene	20.0	18.8		ug/L		94	64 - 148
Toluene	20.0	19.6		ug/L		98	47 - 150
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	18 - 190
trans-1,3-Dichloropropene	20.0	20.1		ug/L		100	17 - 183
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	59 - 156
Trichloroethene	20.0	20.6		ug/L		103	71 - 157
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	18 - 190
Trichlorofluoromethane	20.0	21.9		ug/L		109	17 - 181
Vinyl chloride	20.0	21.3		ug/L		107	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		80 - 120
4-Bromofluorobenzene (Surr)	111		80 - 120
Toluene-d8 (Surr)	97		77 - 120
Dibromofluoromethane (Surr)	94		78 - 120

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-325717/1-A

Matrix: Water

Analysis Batch: 325909

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 325717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		10/14/16 15:16	10/17/16 12:09	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		10/14/16 15:16	10/17/16 12:09	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		10/14/16 15:16	10/17/16 12:09	1
1,4-Dichlorobenzene	ND		10	5.6	ug/L		10/14/16 15:16	10/17/16 12:09	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		10/14/16 15:16	10/17/16 12:09	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		10/14/16 15:16	10/17/16 12:09	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-325717/1-A

Matrix: Water

Analysis Batch: 325909

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 325717

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		10/14/16 15:16	10/17/16 12:09	1
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		10/14/16 15:16	10/17/16 12:09	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
2,4-Dinitrotoluene	ND		5.0	5.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		10/14/16 15:16	10/17/16 12:09	1
2-Chlorophenol	ND		5.0	0.66	ug/L		10/14/16 15:16	10/17/16 12:09	1
2-Nitrophenol	ND		5.0	0.70	ug/L		10/14/16 15:16	10/17/16 12:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		10/14/16 15:16	10/17/16 12:09	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		10/14/16 15:16	10/17/16 12:09	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		10/14/16 15:16	10/17/16 12:09	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		10/14/16 15:16	10/17/16 12:09	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		10/14/16 15:16	10/17/16 12:09	1
4-Nitrophenol	ND		10	10	ug/L		10/14/16 15:16	10/17/16 12:09	1
Acenaphthene	ND		5.0	0.81	ug/L		10/14/16 15:16	10/17/16 12:09	1
Acenaphthylene	ND		5.0	0.87	ug/L		10/14/16 15:16	10/17/16 12:09	1
Aniline	ND		10	1.5	ug/L		10/14/16 15:16	10/17/16 12:09	1
Anthracene	ND		5.0	1.4	ug/L		10/14/16 15:16	10/17/16 12:09	1
Benzidine	ND		80	35	ug/L		10/14/16 15:16	10/17/16 12:09	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		10/14/16 15:16	10/17/16 12:09	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		10/14/16 15:16	10/17/16 12:09	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		10/14/16 15:16	10/17/16 12:09	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		10/14/16 15:16	10/17/16 12:09	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		10/14/16 15:16	10/17/16 12:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		10/14/16 15:16	10/17/16 12:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		10/14/16 15:16	10/17/16 12:09	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		10/14/16 15:16	10/17/16 12:09	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		10/14/16 15:16	10/17/16 12:09	1
Chrysene	ND		5.0	1.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
Decane	ND		10	1.6	ug/L		10/14/16 15:16	10/17/16 12:09	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		10/14/16 15:16	10/17/16 12:09	1
Diethyl phthalate	ND		5.0	1.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		10/14/16 15:16	10/17/16 12:09	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		10/14/16 15:16	10/17/16 12:09	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		10/14/16 15:16	10/17/16 12:09	1
Fluoranthene	ND		5.0	1.6	ug/L		10/14/16 15:16	10/17/16 12:09	1
Fluorene	ND		5.0	1.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
Hexachlorocyclopentadiene	ND		5.0	5.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
Hexachloroethane	ND		5.0	0.60	ug/L		10/14/16 15:16	10/17/16 12:09	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		10/14/16 15:16	10/17/16 12:09	1
Isophorone	ND		5.0	0.74	ug/L		10/14/16 15:16	10/17/16 12:09	1
Naphthalene	ND		5.0	0.86	ug/L		10/14/16 15:16	10/17/16 12:09	1
Nitrobenzene	ND		5.0	0.81	ug/L		10/14/16 15:16	10/17/16 12:09	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		10/14/16 15:16	10/17/16 12:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		10/14/16 15:16	10/17/16 12:09	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		10/14/16 15:16	10/17/16 12:09	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-325717/1-A

Matrix: Water

Analysis Batch: 325909

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 325717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Octadecane	ND		10	1.2	ug/L		10/14/16 15:16	10/17/16 12:09	1
Pentachlorophenol	ND		10	1.6	ug/L		10/14/16 15:16	10/17/16 12:09	1
Phenanthrene	ND		5.0	1.2	ug/L		10/14/16 15:16	10/17/16 12:09	1
Phenol	ND		5.0	0.35	ug/L		10/14/16 15:16	10/17/16 12:09	1
Pyrene	ND		5.0	1.4	ug/L		10/14/16 15:16	10/17/16 12:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 151	10/14/16 15:16	10/17/16 12:09	1
2-Fluorobiphenyl	101		44 - 120	10/14/16 15:16	10/17/16 12:09	1
2-Fluorophenol	55		17 - 120	10/14/16 15:16	10/17/16 12:09	1
Nitrobenzene-d5	85		42 - 120	10/14/16 15:16	10/17/16 12:09	1
Phenol-d5	43		10 - 120	10/14/16 15:16	10/17/16 12:09	1
p-Terphenyl-d14	104		22 - 125	10/14/16 15:16	10/17/16 12:09	1

Lab Sample ID: LCS 480-325717/2-A

Matrix: Water

Analysis Batch: 325909

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 325717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	51.5		ug/L		103	44 - 142
1,2-Dichlorobenzene	50.0	46.0		ug/L		92	32 - 129
1,3-Dichlorobenzene	50.0	44.4		ug/L		89	1 - 172
1,4-Dichlorobenzene	50.0	45.3		ug/L		91	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	48.8		ug/L		98	36 - 166
2,4,6-Trichlorophenol	50.0	58.4		ug/L		117	37 - 144
2,4-Dichlorophenol	50.0	55.0		ug/L		110	39 - 135
2,4-Dimethylphenol	50.0	52.5		ug/L		105	32 - 119
2,4-Dinitrophenol	100	111		ug/L		111	1 - 191
2,4-Dinitrotoluene	50.0	62.8		ug/L		126	39 - 139
2,6-Dinitrotoluene	50.0	61.8		ug/L		124	50 - 158
2-Chloronaphthalene	50.0	52.0		ug/L		104	60 - 118
2-Chlorophenol	50.0	46.8		ug/L		94	23 - 134
2-Nitrophenol	50.0	53.7		ug/L		107	29 - 182
3,3'-Dichlorobenzidine	100	116		ug/L		116	1 - 262
4,6-Dinitro-2-methylphenol	100	115		ug/L		115	1 - 181
4-Bromophenyl phenyl ether	50.0	57.2		ug/L		114	53 - 127
4-Chloro-3-methylphenol	50.0	56.7		ug/L		113	22 - 147
4-Chlorophenyl phenyl ether	50.0	57.5		ug/L		115	25 - 158
4-Nitrophenol	100	63.8		ug/L		64	1 - 132
Acenaphthene	50.0	56.1		ug/L		112	47 - 145
Acenaphthylene	50.0	56.6		ug/L		113	33 - 145
Aniline	50.0	35.4		ug/L		71	40 - 120
Anthracene	50.0	59.3		ug/L		119	27 - 133
Benzo[a]anthracene	50.0	58.4		ug/L		117	33 - 143
Benzo[a]pyrene	50.0	57.0		ug/L		114	17 - 163
Benzo[b]fluoranthene	50.0	56.0		ug/L		112	24 - 159
Benzo[g,h,i]perylene	50.0	61.4		ug/L		123	1 - 219
Benzo[k]fluoranthene	50.0	55.8		ug/L		112	11 - 162

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-325717/2-A

Matrix: Water

Analysis Batch: 325909

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 325717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	50.0	53.2		ug/L		106	33 - 184
Bis(2-chloroethyl)ether	50.0	48.5		ug/L		97	12 - 158
Bis(2-ethylhexyl) phthalate	50.0	59.3		ug/L		119	8 - 158
Butyl benzyl phthalate	50.0	59.3		ug/L		119	1 - 152
Chrysene	50.0	57.7		ug/L		115	17 - 168
Dibenz(a,h)anthracene	50.0	60.4		ug/L		121	1 - 227
Diethyl phthalate	50.0	60.5	*	ug/L		121	1 - 114
Dimethyl phthalate	50.0	60.3	*	ug/L		121	1 - 112
Di-n-butyl phthalate	50.0	60.0	*	ug/L		120	1 - 118
Di-n-octyl phthalate	50.0	61.4		ug/L		123	4 - 146
Fluoranthene	50.0	59.9		ug/L		120	26 - 137
Fluorene	50.0	57.9		ug/L		116	59 - 121
Hexachlorobenzene	50.0	57.6		ug/L		115	1 - 152
Hexachlorocyclopentadiene	50.0	45.2		ug/L		90	5 - 120
Hexachloroethane	50.0	45.8		ug/L		92	40 - 113
Indeno[1,2,3-cd]pyrene	50.0	59.7		ug/L		119	1 - 171
Isophorone	50.0	55.7		ug/L		111	21 - 196
Naphthalene	50.0	51.9		ug/L		104	21 - 133
Nitrobenzene	50.0	49.3		ug/L		99	35 - 180
N-Nitrosodi-n-propylamine	50.0	53.9		ug/L		108	1 - 230
N-Nitrosodiphenylamine	50.0	57.4		ug/L		115	54 - 125
Pentachlorophenol	100	103		ug/L		103	14 - 176
Phenanthrene	50.0	58.9		ug/L		118	54 - 120
Phenol	50.0	25.1		ug/L		50	5 - 112
Pyrene	50.0	57.0		ug/L		114	52 - 115

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	116		52 - 151
2-Fluorobiphenyl	109		44 - 120
2-Fluorophenol	63		17 - 120
Nitrobenzene-d5	102		42 - 120
Phenol-d5	47		10 - 120
p-Terphenyl-d14	108		22 - 125

Lab Sample ID: 480-107637-1 MS

Matrix: Water

Analysis Batch: 325909

Client Sample ID: BCC BSA SUMP_1016

Prep Type: Total/NA

Prep Batch: 325717

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
1,2,4-Trichlorobenzene	ND		100	88.6		ug/L		89	44 - 142
1,2-Dichlorobenzene	ND		100	85.1		ug/L		85	32 - 129
1,3-Dichlorobenzene	ND		100	85.3		ug/L		85	1 - 172
1,4-Dichlorobenzene	ND		100	83.4		ug/L		83	20 - 124
2,2'-oxybis[1-chloropropane]	ND		100	85.7		ug/L		86	36 - 166
2,4,6-Trichlorophenol	ND		100	103		ug/L		103	37 - 144
2,4-Dichlorophenol	ND		100	99.6		ug/L		100	39 - 135
2,4-Dimethylphenol	ND		100	96.5		ug/L		97	32 - 119
2,4-Dinitrophenol	ND		200	208		ug/L		104	1 - 191

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-107637-1 MS

Matrix: Water

Analysis Batch: 325909

Client Sample ID: BCC BSA SUMP_1016

Prep Type: Total/NA

Prep Batch: 325717

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2,4-Dinitrotoluene	ND		100	112		ug/L		112	39 - 139
2,6-Dinitrotoluene	ND		100	110		ug/L		110	50 - 158
2-Chloronaphthalene	ND		100	96.1		ug/L		96	60 - 118
2-Chlorophenol	ND		100	90.4		ug/L		90	23 - 134
2-Nitrophenol	ND		100	100		ug/L		100	29 - 182
3,3'-Dichlorobenzidine	ND		200	152		ug/L		76	1 - 262
4,6-Dinitro-2-methylphenol	ND		200	209		ug/L		105	1 - 181
4-Bromophenyl phenyl ether	ND		100	99.5		ug/L		100	53 - 127
4-Chloro-3-methylphenol	ND		100	105		ug/L		105	22 - 147
4-Chlorophenyl phenyl ether	ND		100	101		ug/L		101	25 - 158
4-Nitrophenol	ND		200	181		ug/L		90	1 - 132
Acenaphthene	ND		100	98.9		ug/L		99	47 - 145
Acenaphthylene	ND		100	98.8		ug/L		99	33 - 145
Aniline	25	F2 F1	100	58.9	F1	ug/L		33	40 - 120
Anthracene	ND		100	104		ug/L		104	27 - 133
Benzo[a]anthracene	ND		100	103		ug/L		103	33 - 143
Benzo[a]pyrene	ND		100	103		ug/L		103	17 - 163
Benzo[b]fluoranthene	ND		100	98.5		ug/L		99	24 - 159
Benzo[g,h,i]perylene	ND		100	113		ug/L		113	1 - 219
Benzo[k]fluoranthene	ND		100	99.8		ug/L		100	11 - 162
Bis(2-chloroethoxy)methane	ND		100	93.4		ug/L		93	33 - 184
Bis(2-chloroethyl)ether	ND		100	89.8		ug/L		90	12 - 158
Bis(2-ethylhexyl) phthalate	ND		100	106		ug/L		106	8 - 158
Butyl benzyl phthalate	ND	F2	100	102		ug/L		102	1 - 152
Chrysene	ND	F2	100	99.5		ug/L		99	17 - 168
Dibenz(a,h)anthracene	ND		100	110		ug/L		110	1 - 227
Diethyl phthalate	ND	F1 *	100	108		ug/L		108	1 - 114
Dimethyl phthalate	ND	F1 *	100	109		ug/L		109	1 - 112
Di-n-butyl phthalate	ND	F1 *	100	105		ug/L		105	1 - 118
Di-n-octyl phthalate	ND		100	107		ug/L		107	4 - 146
Fluoranthene	ND		100	104		ug/L		104	26 - 137
Fluorene	ND		100	101		ug/L		101	59 - 121
Hexachlorobenzene	ND	F2	100	100		ug/L		100	1 - 152
Hexachlorocyclopentadiene	ND		100	84.6		ug/L		85	5 - 120
Hexachloroethane	ND		100	80.6		ug/L		81	40 - 113
Indeno[1,2,3-cd]pyrene	ND		100	110		ug/L		110	1 - 171
Isophorone	ND		100	99.5		ug/L		99	21 - 196
Naphthalene	ND		100	93.2		ug/L		93	21 - 133
Nitrobenzene	ND		100	104		ug/L		104	35 - 180
N-Nitrosodi-n-propylamine	ND		100	96.1		ug/L		96	1 - 230
N-Nitrosodiphenylamine	ND		100	103		ug/L		103	54 - 125
Pentachlorophenol	ND		200	184		ug/L		92	14 - 176
Phenanthrene	ND		100	102		ug/L		102	54 - 120
Phenol	89	F2 F1	100	71.8	F1	ug/L		-17	5 - 112
Pyrene	ND	F1	100	101		ug/L		101	52 - 115

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	106		52 - 151

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-107637-1 MS

Matrix: Water

Analysis Batch: 325909

Client Sample ID: BCC BSA SUMP_1016

Prep Type: Total/NA

Prep Batch: 325717

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	95		44 - 120
2-Fluorophenol	79		17 - 120
Nitrobenzene-d5	93		42 - 120
Phenol-d5	68		10 - 120
p-Terphenyl-d14	83		22 - 125

Lab Sample ID: 480-107637-1 MSD

Matrix: Water

Analysis Batch: 325909

Client Sample ID: BCC BSA SUMP_1016

Prep Type: Total/NA

Prep Batch: 325717

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	
				Result	Qualifier				Limits	RPD	Limit	
1,2,4-Trichlorobenzene	ND		100	103		ug/L		103	44 - 142	15	34	
1,2-Dichlorobenzene	ND		100	93.1		ug/L		93	32 - 129	9	38	
1,3-Dichlorobenzene	ND		100	92.4		ug/L		92	1 - 172	8	37	
1,4-Dichlorobenzene	ND		100	92.3		ug/L		92	20 - 124	10	40	
2,2'-oxybis[1-chloropropane]	ND		100	95.1		ug/L		95	36 - 166	10	36	
2,4,6-Trichlorophenol	ND		100	114		ug/L		114	37 - 144	10	20	
2,4-Dichlorophenol	ND		100	110		ug/L		110	39 - 135	10	23	
2,4-Dimethylphenol	ND		100	107		ug/L		107	32 - 119	10	18	
2,4-Dinitrophenol	ND		200	226		ug/L		113	1 - 191	8	29	
2,4-Dinitrotoluene	ND		100	123		ug/L		123	39 - 139	10	20	
2,6-Dinitrotoluene	ND		100	117		ug/L		117	50 - 158	6	17	
2-Chloronaphthalene	ND		100	106		ug/L		106	60 - 118	10	30	
2-Chlorophenol	ND		100	98.7		ug/L		99	23 - 134	9	26	
2-Nitrophenol	ND		100	109		ug/L		109	29 - 182	8	28	
3,3'-Dichlorobenzidine	ND		200	179		ug/L		89	1 - 262	16	31	
4,6-Dinitro-2-methylphenol	ND		200	238		ug/L		119	1 - 181	13	30	
4-Bromophenyl phenyl ether	ND		100	116		ug/L		116	53 - 127	15	16	
4-Chloro-3-methylphenol	ND		100	116		ug/L		116	22 - 147	10	16	
4-Chlorophenyl phenyl ether	ND		100	111		ug/L		111	25 - 158	10	15	
4-Nitrophenol	ND		200	187		ug/L		94	1 - 132	4	24	
Acenaphthene	ND		100	109		ug/L		109	47 - 145	10	25	
Acenaphthylene	ND		100	108		ug/L		108	33 - 145	9	22	
Aniline	25	F2 F1	100	94.2	F2	ug/L		69	40 - 120	46	30	
Anthracene	ND		100	117		ug/L		117	27 - 133	12	15	
Benzo[a]anthracene	ND		100	120		ug/L		120	33 - 143	15	15	
Benzo[a]pyrene	ND		100	117		ug/L		117	17 - 163	12	15	
Benzo[b]fluoranthene	ND		100	112		ug/L		112	24 - 159	13	17	
Benzo[g,h,i]perylene	ND		100	124		ug/L		124	1 - 219	9	19	
Benzo[k]fluoranthene	ND		100	113		ug/L		113	11 - 162	12	19	
Bis(2-chloroethoxy)methane	ND		100	104		ug/L		104	33 - 184	11	23	
Bis(2-chloroethyl)ether	ND		100	99.4		ug/L		99	12 - 158	10	33	
Bis(2-ethylhexyl) phthalate	ND		100	122		ug/L		122	8 - 158	14	15	
Butyl benzyl phthalate	ND	F2	100	122	F2	ug/L		122	1 - 152	17	15	
Chrysene	ND	F2	100	117	F2	ug/L		117	17 - 168	16	15	
Dibenz(a,h)anthracene	ND		100	123		ug/L		123	1 - 227	10	18	
Diethyl phthalate	ND	F1 *	100	117	F1	ug/L		117	1 - 114	8	15	
Dimethyl phthalate	ND	F1 *	100	117	F1	ug/L		117	1 - 112	8	15	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-107637-1 MSD

Matrix: Water

Analysis Batch: 325909

Client Sample ID: BCC BSA SUMP_1016

Prep Type: Total/NA

Prep Batch: 325717

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-butyl phthalate	ND	F1 *	100	120	F1	ug/L		120	1 - 118	13	15
Di-n-octyl phthalate	ND		100	124		ug/L		124	4 - 146	14	15
Fluoranthene	ND		100	118		ug/L		118	26 - 137	12	15
Fluorene	ND		100	112		ug/L		112	59 - 121	10	18
Hexachlorobenzene	ND	F2	100	119	F2	ug/L		119	1 - 152	17	15
Hexachlorocyclopentadiene	ND		100	98.2		ug/L		98	5 - 120	15	50
Hexachloroethane	ND		100	89.4		ug/L		89	40 - 113	10	43
Indeno[1,2,3-cd]pyrene	ND		100	121		ug/L		121	1 - 171	9	17
Isophorone	ND		100	109		ug/L		109	21 - 196	10	21
Naphthalene	ND		100	103		ug/L		103	21 - 133	10	31
Nitrobenzene	ND		100	112		ug/L		112	35 - 180	8	27
N-Nitrosodi-n-propylamine	ND		100	108		ug/L		108	1 - 230	12	23
N-Nitrosodiphenylamine	ND		100	115		ug/L		115	54 - 125	11	15
Pentachlorophenol	ND		200	218		ug/L		109	14 - 176	17	21
Phenanthrene	ND		100	115		ug/L		115	54 - 120	12	16
Phenol	89	F2 F1	100	174	F2	ug/L		85	5 - 112	83	36
Pyrene	ND	F1	100	117	F1	ug/L		117	52 - 115	15	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	125		52 - 151
2-Fluorobiphenyl	108		44 - 120
2-Fluorophenol	85		17 - 120
Nitrobenzene-d5	103		42 - 120
Phenol-d5	74		10 - 120
p-Terphenyl-d14	101		22 - 125

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-325713/1-A

Matrix: Water

Analysis Batch: 325774

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 325713

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.060	0.038	ug/L		10/14/16 15:03	10/15/16 00:14	1
PCB-1221	ND		0.060	0.038	ug/L		10/14/16 15:03	10/15/16 00:14	1
PCB-1232	ND		0.060	0.038	ug/L		10/14/16 15:03	10/15/16 00:14	1
PCB-1242	ND		0.060	0.038	ug/L		10/14/16 15:03	10/15/16 00:14	1
PCB-1248	ND		0.060	0.038	ug/L		10/14/16 15:03	10/15/16 00:14	1
PCB-1254	ND		0.060	0.031	ug/L		10/14/16 15:03	10/15/16 00:14	1
PCB-1260	ND		0.060	0.031	ug/L		10/14/16 15:03	10/15/16 00:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		36 - 121	10/14/16 15:03	10/15/16 00:14	1
Tetrachloro-m-xylene	66		42 - 135	10/14/16 15:03	10/15/16 00:14	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 480-325713/2-A

Matrix: Water

Analysis Batch: 325774

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 325713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	1.05		ug/L		105	69 - 123
PCB-1260	1.00	0.943		ug/L		94	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	64		36 - 121
Tetrachloro-m-xylene	75		42 - 135

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-325746/1-A

Matrix: Water

Analysis Batch: 326189

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 325746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		10/15/16 11:01	10/17/16 17:41	1
Copper	ND		0.010	0.0016	mg/L		10/15/16 11:01	10/17/16 17:41	1
Lead	ND		0.010	0.0030	mg/L		10/15/16 11:01	10/17/16 17:41	1
Nickel	ND		0.010	0.0013	mg/L		10/15/16 11:01	10/17/16 17:41	1
Zinc	0.00323	J	0.010	0.0015	mg/L		10/15/16 11:01	10/17/16 17:41	1

Lab Sample ID: LCS 480-325746/2-A

Matrix: Water

Analysis Batch: 326189

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 325746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.196		mg/L		98	85 - 115
Copper	0.200	0.197		mg/L		98	85 - 115
Lead	0.200	0.199		mg/L		100	85 - 115
Nickel	0.200	0.194		mg/L		97	85 - 115
Zinc	0.200	0.195		mg/L		98	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-325576/1-A

Matrix: Water

Analysis Batch: 325683

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 325576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/14/16 07:55	10/14/16 12:40	1

Lab Sample ID: LCS 480-325576/2-A

Matrix: Water

Analysis Batch: 325683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 325576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00727		mg/L		109	85 - 115

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: 420.1 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-326769/1-A
 Matrix: Water
 Analysis Batch: 327145

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 326769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		10/20/16 08:00	10/22/16 10:33	1

Lab Sample ID: LCS 480-326769/2-A
 Matrix: Water
 Analysis Batch: 327145

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 326769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.101		mg/L		101	90 - 110

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-325942/1
 Matrix: Water
 Analysis Batch: 325942

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			10/17/16 07:33	1

Lab Sample ID: LCS 480-325942/2
 Matrix: Water
 Analysis Batch: 325942

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	238	235.2		mg/L		99	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-325753/1
 Matrix: Water
 Analysis Batch: 325753

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.0		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-326245/3
 Matrix: Water
 Analysis Batch: 326245

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			10/18/16 11:35	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method: SM 4500 P E - Phosphorus (Continued)

Lab Sample ID: LCS 480-326245/4

Matrix: Water

Analysis Batch: 326245

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.200	0.194		mg/L as P		97	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-325668/1

Matrix: Water

Analysis Batch: 325668

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			10/14/16 09:59	1

Lab Sample ID: LCS 480-325668/2

Matrix: Water

Analysis Batch: 325668

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	216.8		mg/L		109	85 - 115

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

GC/MS VOA

Analysis Batch: 325417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	624	
480-107637-2	TRIP BLANK	Total/NA	Water	624	
MB 480-325417/8	Method Blank	Total/NA	Water	624	
LCS 480-325417/6	Lab Control Sample	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 325717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	625	
MB 480-325717/1-A	Method Blank	Total/NA	Water	625	
LCS 480-325717/2-A	Lab Control Sample	Total/NA	Water	625	
480-107637-1 MS	BCC BSA SUMP_1016	Total/NA	Water	625	
480-107637-1 MSD	BCC BSA SUMP_1016	Total/NA	Water	625	

Analysis Batch: 325909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	625	325717
MB 480-325717/1-A	Method Blank	Total/NA	Water	625	325717
LCS 480-325717/2-A	Lab Control Sample	Total/NA	Water	625	325717
480-107637-1 MS	BCC BSA SUMP_1016	Total/NA	Water	625	325717
480-107637-1 MSD	BCC BSA SUMP_1016	Total/NA	Water	625	325717

GC Semi VOA

Prep Batch: 325713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	3510C	
MB 480-325713/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-325713/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 325774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	608	325713
MB 480-325713/1-A	Method Blank	Total/NA	Water	608	325713
LCS 480-325713/2-A	Lab Control Sample	Total/NA	Water	608	325713

Metals

Prep Batch: 325576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	245.1	
MB 480-325576/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-325576/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 325683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	245.1	325576
MB 480-325576/1-A	Method Blank	Total/NA	Water	245.1	325576
LCS 480-325576/2-A	Lab Control Sample	Total/NA	Water	245.1	325576

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Prep Batch: 325746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	200.7	
MB 480-325746/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-325746/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 326189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	200.7 Rev 4.4	325746
MB 480-325746/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	325746
LCS 480-325746/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	325746

General Chemistry

Analysis Batch: 325668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	SM 5210B	
USB 480-325668/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-325668/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 325753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	SM 4500 H+ B	
LCS 480-325753/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 325942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	SM 2540D	
MB 480-325942/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-325942/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 326245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	SM 4500 P E	
MB 480-326245/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-326245/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Prep Batch: 326769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	Distill/Phenol	
MB 480-326769/1-A	Method Blank	Total/NA	Water	Distill/Phenol	
LCS 480-326769/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	

Analysis Batch: 326772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 327145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-107637-1	BCC BSA SUMP_1016	Total/NA	Water	420.1	326769
MB 480-326769/1-A	Method Blank	Total/NA	Water	420.1	326769
LCS 480-326769/2-A	Lab Control Sample	Total/NA	Water	420.1	326769

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Client Sample ID: BCC BSA SUMP_1016

Lab Sample ID: 480-107637-1

Date Collected: 10/13/16 10:30

Matrix: Water

Date Received: 10/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	325417	10/13/16 23:27	RJF	TAL BUF
Total/NA	Prep	625			325717	10/14/16 15:16	ARS	TAL BUF
Total/NA	Analysis	625		1	325909	10/17/16 14:22	CAV	TAL BUF
Total/NA	Prep	3510C			325713	10/14/16 15:03	ARS	TAL BUF
Total/NA	Analysis	608		1	325774	10/15/16 02:06	JMO	TAL BUF
Total/NA	Prep	200.7			325746	10/15/16 11:01	MVZ	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	326189	10/17/16 18:28	LMH	TAL BUF
Total/NA	Prep	245.1			325576	10/14/16 07:55	RMZ	TAL BUF
Total/NA	Analysis	245.1		1	325683	10/14/16 13:11	RMZ	TAL BUF
Total/NA	Prep	Distill/Phenol			326769	10/20/16 08:00	CLT	TAL BUF
Total/NA	Analysis	420.1		1	327145	10/22/16 11:30	LED	TAL BUF
Total/NA	Analysis	SM 2540D		1	325942	10/17/16 07:33	EKB	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	326772	10/20/16 14:25	KMF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	325753	10/14/16 15:26	KMF	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	326245	10/18/16 11:35	CLT	TAL BUF
Total/NA	Analysis	SM 5210B		1	325668	10/14/16 09:59	JCL	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-107637-2

Date Collected: 10/13/16 00:00

Matrix: Water

Date Received: 10/13/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	325417	10/13/16 23:50	RJF	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

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	03-31-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		Water	1,2-Dichloroethene, Total
625	625	Water	1,2-Dichlorobenzene
625	625	Water	1,2-Diphenylhydrazine
625	625	Water	1,3-Dichlorobenzene
625	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
608	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
420.1	Phenolics, Total Recoverable	MCAWW	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 CN G	Cyanide, Amenable	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
SM 4500 P E	Phosphorus	SM	TAL BUF
SM 5210B	BOD, 5-Day	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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- Quarterly BSA SUMP

TestAmerica Job ID: 480-107637-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-107637-1	BCC BSA SUMP_1016	Water	10/13/16 10:30	10/13/16 15:55
480-107637-2	TRIP BLANK	Water	10/13/16 00:00	10/13/16 15:55

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color- Quarterly BSA SUMP


TestAmerica Job ID: 480-107637-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
625	Water	2,4-Dinitrotoluene	ug/L	5.0	10
625	Water	4-Nitrophenol	ug/L	10	15
625	Water	Hexachlorocyclopentadiene	ug/L	5.0	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

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 GWTF Sump Site: HoneyWell Buffalo Color - NYC915230 PO# 59084		Project Manager: Schove, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (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: 10-13-16 Carrier: OSL		COC No: 48003159, 1005 1 of 1 COCs Job No. 0913-OMM  EV 480-107637 COC EW-4: EW-5: Composite Percent (%) DC-1: 80 DC-2: 80 Sample Specific Notes: Lab to composite 624 for BCC BSA Sump samples prior to analysis					
Sample Identification BCC BSA_Sump_1016 Trip Blank		Sample Date 10/13/16		Sample Time 1030		Sample Type C		Matrix W		# of Cont. 19	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4= HNO3 (Nitric) 5= NaOH (Sodium Hydroxide) 6= Other 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: Temp 5.0 #1											
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Teal V=Vial Relinquished by: Tom Wagner Date/Time: 1555 10/13/16 Relinquished by: OSL Date/Time: 1555 10/13/16 Relinquished by: _____ Date/Time: _____											
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											
Container Volume (ml) 250 250 250 40 1000 1000 1000 500 250 125											



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-107637-1

Login Number: 107637

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

Date	Associate	Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27				Discharge Lines To BSA Sump					Comments
		Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-90	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks		
10/7/2016	TW	48	48	32	20	45	22	16.1	20	11	13	10	7.21	7	16.1	17,006,518	7	24.1	12,471,005	18	2	8	2	2	2	y	
10/14/2016	TW	48	47	32	25	44	21	16.1	19	14	14	11	7,21	8	16.3	17,071,130	8	27.1	12,489,907	22	3	10	2	2	y		
10/28/2016	TW	48	48	32	21	45	22	16.3	19	12	14	12	7.4	8	16.4	17,203,108	9	24.4	12,523,212	18	3	9	2	2	y		
11/4/2016	TW	49	48	33	23	45	21	15.8	19	11	13	11	7.31	7	15.9	17,270,644	9	26.3	12,538,224	19	3	9	2	2	y		
11/11/2016	TW	49	48	33	22	45	21	15.6	18	12	13	1	7.28	8	15.5	17,336,240	9	25.2	12,553,000	18	3	9	2	2	y		
11/18/2016	TW	49	48	32	23	45	20	15.6	17	12	13	11	7.4	8	15.7	17,439,440	9	25.9	12,575,148	19	3	10	2	22	y		
12/2/2016	TW	48	48	33	23	45	21	15.2	18	12	13	11	7.38	7	15.3	17,504,732	9	24.9	12,587,270	18	3	9	2	2	y		
12/9/2016	TW	48	48	33	21	46	21	15.6	18	11	12	10	7.35	7	15.7	17,567,542	8	23.2	12,599,193	17	2	8	2	2	y		
12/19/2016	TW	48	48	33	23	46	18	15.6	15	10	13	10	7.31	8	15.9	17,615,164	9	24.2	12,614,812	17	3	8	2	2	y		
12/22/2016	TW	49	48	33	21	46	18	15.8	16	12	13	11	7.19	8	15.9	17,653,996	9	24.6	12,621,921	17	3	9	2	2	y		
12/30/2016	TW	48	48	32	24	45	17	15	14	10	12	10	7.4	7	15.1	17,708,078	8	25.4	12,632,049	19	2	9	2	2	y		

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
10/1/2016													
10/2/2016													
10/3/2016								1	2	2			
10/4/2016								0.5	1	1			
10/5/2016								0.5	2	2			Tank #10, rinse sides
10/6/2016							1	0.5	1	1	1	1	
10/7/2016					1	1		1	1	1			
10/8/2016													
10/9/2016													
10/10/2016								1	1	1			
10/11/2016								0.5	1	1			
10/12/2016								1		1			
10/13/2016							1	0.5	1	1		1	
10/14/2016					1	1		1	1	1			
10/15/2016													
10/16/2016													
10/17/2016								1	1	2			
10/18/2016								0.5	1				
10/19/2016								1		1			
10/20/2016								0.5	1				
10/21/2016								1		1			
10/22/2016													
10/23/2016													
10/24/2016					1	1	1	1	1	1		1	
10/25/2016								0.5	1				
10/26/2016								1	1				Clean #5, bleach, line
10/27/2016							1	0.5		1		1	
10/28/2016					1	1		1	1	1			
10/29/2016													
10/30/2016													
10/31/2016								1	1	1			
11/1/2016								0.5		1			
11/2/2016								1	1				
11/3/2016							1	0.5		1	1	1	
11/4/2016					1	1		1	1	1			
11/5/2016													
11/6/2016													
11/7/2016								1	1	1			
11/8/2016								0.5	1	1			
11/9/2016								1	1	1			
11/10/2016							1	0.5	1	1		1	
11/11/2016					1	1		1	1	1			
11/12/2016													
11/13/2016													
11/14/2016								1	2	2			Clean line for #5
11/15/2016								0.5	1	1			
11/16/2016								1	1	1			"UNICID"
11/17/2016							1	0.5	2			1	Wells #4 & #5
11/18/2016								1	1	1			
11/19/2016													
11/20/2016													
11/21/2016						1	1	2	1				
11/22/2016								0.5	1	1			
11/23/2016					1	1	1	1	1	1		1	

ATTACHMENT G
DATA USABILITY SUMMARY REPORTS

DATA VALIDATION SUMMARY REPORT AREA A 2016 QUARTERLY SURFACE WATER SAMPLING

HONEYWELL BUFFALO COLOR AREA A
BUFFALO, NEW YORK

Prepared for

Honeywell

115 Tabor Road
Morris Plains, New Jersey 07950

Prepared by



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

February 2017

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TABLES

Table 1 Sample and Analytical Summary

Table 2 Project Precision and Accuracy Goals

Table 3 Validation Actions Summary

Table 4 Final Results

1.0 INTRODUCTION

Data validation was completed on quarterly surface water samples collected in February, May, August and November 2016. Samples were analyzed by Test America Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data package (SDGs) 480-94611-1, 480-99481-1, 480-104756-1 and 480-108916-1. 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
- Chain of Custody
- Sample Collection and Holding Times
- Quality Control (QC) Blanks
- Laboratory Control Samples (LCS)/Lab Control Sample Duplicate (LCSD)
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- Laboratory and Field Duplicates
- Surrogate Spikes
- Reporting Limits
- Data Completeness
- Electronic Data Verification

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

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

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

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

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

J = The reported concentration is considered an estimated value.

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

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

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

BL1= Result qualified due to laboratory blank

LCSL = LCS recovery less than the lower limit

MSL=Matrix spike recovery less than the lower limit

MSDL=Matrix spike duplicate recovery less than the lower limit

Sample results that are not included on Table 3 were interpreted to be usable as reported by the laboratory. A complete summary of final 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
- Laboratory Control Samples (LCS)
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- * Field Duplicates
- * Surrogate Spikes
- * Reporting Limits
- * Data Completeness
- * Electronic Data Verification
- * - Criteria were met for this parameter

February Event

No QC issues observed.

May Event

LCS

The LCS percent recovery was less than the QC limit of 70 for dichlorodifluoromethane (67) in SDG 480-99481-1, which may indicate low bias. Results for dichlorodifluoromethane in associated samples were non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis were completed using sample BCC Area A DMH-A3_0516. MS/MSD data are summarized on Table 5. Results of these compounds in samples BCC Area A DMH-A3_0516 and BCC Area A DMH-A3D_0516 were qualified as estimated (UJ) with reason code MSL/MSDL.

Table 5 – MS/MSD Recovery Data

Field Sample ID	Parameter Name	Original Sample Result (µg/l)	Spike Added (µg/l)	MS/MSD Concentration (µg/l)	MS/MSD % Recovery	MS/MSD QC limit	RPD	RPD limit
BCC Area A DMH-A3_0516	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25.0	29/16	116/64	70-130	58	20
BCC Area A DMH-A3_0516	1,2-Dichloroethane	ND	25.0	21/16	83/63	70-130	27	
BCC Area A DMH-A3_0516	Bromomethane	ND	25.0	21/16	86/65	70-130	27	
BCC Area A DMH-A3_0516	Chloromethane	ND	25.0	23/17	92/67	70-130	32	
BCC Area A DMH-A3_0516	cis-1,3-Dichloropropene	ND	25.0	23/17	91/67	70-130	29	
BCC Area A DMH-A3_0516	Cyclohexane	ND	25.0	30/15	116/61	70-130	62	
BCC Area A DMH-A3_0516	Dichlorodifluoromethane	ND	25.0	20/11	79/45	70-130	55	
BCC Area A DMH-A3_0516	Methyl tert-butyl ether	ND	25.0	30/17	91/68	70-130	29	
BCC Area A DMH-A3_0516	Methylcyclohexane	ND	25.0	28/15	114/61	70-130	61	
BCC Area A DMH-A3_0516	Trichlorofluoromethane	ND	25.0	25/16	100/65	70-130	42	

August Event

No QC issues observed.

November Event

No QC issues observed.

2.2 SEMIVOLATILE COMPOUNDS

The data were evaluated based on the following parameters:

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

February EventLCS

The LCS percent recovery was less than the QC limit of 50 for caprolactam (37) in SDG 480-94611-1, which may indicate low bias. Results for caprolactam in samples BCC Area A DMH-A3_0216 and BCC Area A DMH-A3 D_0216 were qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

The MS/ MSD percent recoveries for caprolactam (39/38) was lower than the QC limit of 50. Caprolactam was not detected in BCC Area A DMH-A3_0216 and BCC Area A DMH-A3 D_0216 samples and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MSL/ MSDL.

May EventBlanks

Benzaldehyde (0.530 µg/L) was detected below the reporting limit in method blank batch 299802. Hence, an action limit was established at five times the reported blank concentration. Benzaldehyde result was less than action limits in sample BCC Area A DMH-A3_0516 and qualified as non-detect (U) at the reporting limit with reason code BL1.

LCS

The LCS percent recoveries were less than the QC limit of 50 for caprolactam (38) in SDG 480-99481-1, which may indicate low bias. Results for caprolactam in associated samples were non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area A DMH-A3_0516. The MS and MSD percent recoveries for aniline (33/14) and caprolactum (38/40) were less than the QC limit of 50, which indicate low bias. These compounds were not detected in BCC Area A DMH-A3_0516 and BCC Area A DMH-A3D_0516 and reporting limits were qualified as estimated (UJ) with reason code MSL/MSDL.

August EventLCS

The LCS percent recoveries were less than the QC limit of 50 for aniline (39) and caprolactam (30) in SDG 480-104756-1, which may indicate low bias. Aniline and caprolactam were not detected in associated samples and reporting limits were qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area A DMH-A3 D_0816. The MS and / or MSD percent recoveries for 4-chloroaniline (48/50), aniline (41/39), bis (2-chloroisopropyl) ether (46/47) and caprolactam (30/31) were less than the QC limit of 50, which indicate low bias. These compounds were not detected in BCC Area A DMH-A3 D_0816 and BCC Area A DMH-A3 D_0816 samples and reporting limits and qualified as estimated (UJ) with reason code MSL/MSDL.

November EventLCS

The LCS percent recoveries were less than the QC limit of 50 for aniline (32) and caprolactam (32) in SDG 480-108916-1, which may indicate low bias. Aniline and caprolactam were not detected in associated samples and reporting limits were qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample Area A DMH-A3-1116. The MS and/or MSD percent recoveries for 3,3'-dichlorobenzidine (12/5), 4-chloroaniline (41/37), 4-nitroaniline (63/49), aniline (36/27), benzaldehyde (50/48) and caprolactam (35/33) were less than the QC limit of 50, which indicate low bias. These compounds in samples BCC Area A DMH-A3-1116 and BCC Area A DMH-A3 D-1116 were non-detect and qualified as rejected (R) for 3,3'-dichlorobenzidine and estimated (UJ) for all other compounds with reason code MSL/MSDL.

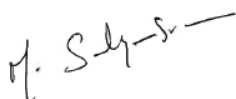
3.0 References:

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

4.0 LIST OF ACRONYMS AND ABBREVIATIONS

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

Data Validator: Sandhyasree



January 06, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC



January 31, 2017

TABLES

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

				Parameter	VOCs	SVOCs
				Method	SW8260C	SW8270D
SDG	Field Sample ID	Location	Type	Date		
480-94611-1	BCC Area A DMH-A3_0216	DMH-A3	REG	2/2/2016	48	66
480-94611-1	BCC Area A DMH-A3 D_0216	DMH-A3	FD	2/2/2016	48	66
480-94611-1	Trip Blank_020216	QC	TB	2/2/2016	48	
480-99481-1	BCC Area A DMH-A3_0516	DMH-A3	REG	5/3/2016	48	66
480-99481-1	BCC Area A DMH-A3D_0516	DMH-A3	FD	5/3/2016	48	66
480-99481-1	TRIP BLANK_050316	QC	TB	5/3/2016	48	
480-104756-1	BCC Area A DMH-A3_0816	DMH-A3	REG	8/18/2016	48	66
480-104756-1	BCC Area A DMH-A3 D_0816	DMH-A3	FD	8/18/2016	48	66
480-104756-1	Trip Blank Area A_0816	QC	TB	8/18/2016	48	
480-108916-1	BCC Area A DMH-A3-1116	DMH-A3	REG	11/1/2016	48	66
480-108916-1	BCC Area A DMH-A3 D-1116	DMH-A3	FD	11/1/2016	48	66
480-108916-1	TRIP BLANK_110116	QC	TB	11/1/2016	48	

Notes

REG: Regular sample

FD:Field duplicate

TB:Trip blank

ID: Identification

VOC: Volatile Organic Compound

SVOC: Semivolatile Organic Compound

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

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

Notes:

LCS - Laboratory Control Sample

MS/MSD - Matrix spike/ Matrix Spike Duplicate

RPD = Relative percent difference

%R = percent recovery

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

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area A DMH-A3_0216	REG	480-94611-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3 D_0216	FD	480-94611-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8270	Benzaldehyde	4.7	J,B,*,F1	U	BL1	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	Dichlorodifluoromethane	1.0	U,F2,F1	UJ	LCSL,MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	LCSL,MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U,F2	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	1,2-Dichloroethane	1.0	U,F2,F1	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	Bromomethane	1.0	U,F2	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	Chloromethane	1.0	U,F2,F1	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	cis-1,3-Dichloropropene	1.0	U,F2,F1	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	Cyclohexane	1.0	U,F2	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	Methyl tert-butyl ether	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	Methylcyclohexane	1.0	U,F2	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8260	Trichlorofluoromethane	1.0	U,F2	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	1,2-Dichloroethane	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	Bromomethane	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	Chloromethane	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	cis-1,3-Dichloropropene	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	Cyclohexane	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	Methyl tert-butyl ether	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	Methylcyclohexane	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8260	Trichlorofluoromethane	1.0	U	UJ	MSDL	µg/L
BCC Area A DMH-A3_0516	REG	480-99481-1	SW8270	Aniline	9.4	U,F1,F2	UJ	MSL,MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8270	Aniline	9.5	U	UJ	MSL,MSDL	µg/L
BCC Area A DMH-A3D_0516	FD	480-99481-1	SW8270	Caprolactam	4.8	U	UJ	MSL,MSDL	µg/L
BCC Area A DMH-A3_0816	REG	480-104756-1	SW8270	Aniline	9.4	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3_0816	REG	480-104756-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3 D_0816	FD	480-104756-1	SW8270	Aniline	9.4	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3 D_0816	FD	480-104756-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3_0816	REG	480-104756-1	SW8270	4-Chloroaniline	4.7	U,F1	UJ	MSL	µg/L
BCC Area A DMH-A3 D_0816	FD	480-104756-1	SW8270	4-Chloroaniline	4.7	U	UJ	MSL	µg/L
BCC Area A DMH-A3_0816	REG	480-104756-1	SW8270	bis (2-chloroisopropyl) ether	4.7	U	UJ	MSL,MSDL	µg/L
BCC Area A DMH-A3 D_0816	FD	480-104756-1	SW8270	bis (2-chloroisopropyl) ether	4.7	U	UJ	MSL,MSDL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area A DMH-A3-1116	REG	480-108916-1	SW8270	Aniline	9.5	U,F2,F1	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3-1116	REG	480-108916-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3 D-1116	FD	480-108916-1	SW8270	Aniline	9.5	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3 D-1116	FD	480-108916-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A DMH-A3-1116	REG	480-108916-1	SW8270	3-Nitroaniline	9.5	U,F1	UJ	MSDL	µg/L
BCC Area A DMH-A3-1116	REG	480-108916-1	SW8270	4-Nitroaniline	9.5	U,F2,F1	UJ	MSDL	µg/L
BCC Area A DMH-A3-1116	REG	480-108916-1	SW8270	Benzaldehyde	4.7	U	UJ	MSDL	µg/L
BCC Area A DMH-A3 D-1116	FD	480-108916-1	SW8270	3-Nitroaniline	9.5	U	UJ	MSDL	µg/L
BCC Area A DMH-A3 D-1116	FD	480-108916-1	SW8270	4-Nitroaniline	9.5	U	UJ	MSDL	µg/L
BCC Area A DMH-A3 D-1116	FD	480-108916-1	SW8270	Benzaldehyde	4.7	U	UJ	MSDL	µg/L
BCC Area A DMH-A3-1116	REG	480-108916-1	SW8270	3,3'-Dichlorobenzidine	4.7	U,F2,F1	R	MSL,MSDL	µg/L
BCC Area A DMH-A3-1116	REG	480-108916-1	SW8270	4-Chloroaniline	4.7	U,F1	UJ	MSL,MSDL	µg/L
BCC Area A DMH-A3 D-1116	FD	480-108916-1	SW8270	3,3'-Dichlorobenzidine	4.7	U	R	MSL,MSDL	µg/L
BCC Area A DMH-A3 D-1116	FD	480-108916-1	SW8270	4-Chloroaniline	4.7	U	UJ	MSL,MSDL	µg/L

Notes:

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

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0216 DMH-A3 02/02/2016 480-94611-1	BCC Area A DMH-A3 D_0216 DMH-A3 02/02/2016 480-94611-1	Trip Blank_020216 QC 02/02/2016 480-94611-1
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	0.78 J
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

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

Field Sample ID			BCC Area A DMH-A3_0216	BCC Area A DMH-A3 D_0216	Trip Blank_020216
Location			DMH-A3	DMH-A3	QC
Sample Date			02/02/2016	02/02/2016	02/02/2016
Sample Delivery Group			480-94611-1	480-94611-1	480-94611-1
Units	Method	Parameter Name			
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.8 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dimethylphenol	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dinitrophenol	9.6 U	9.6 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U	4.8 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U	4.8 U	
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.8 U	
µg/L	SW8270	2-Chlorophenol	4.8 U	4.8 U	
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.8 U	
µg/L	SW8270	2-Methylphenol	4.8 U	4.8 U	
µg/L	SW8270	2-Nitroaniline	9.6 U	9.6 U	
µg/L	SW8270	2-Nitrophenol	4.8 U	4.8 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 U	4.8 U	
µg/L	SW8270	3-Nitroaniline	9.6 U	9.6 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.6 U	9.6 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.8 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.8 U	
µg/L	SW8270	4-Chloroaniline	4.8 U	4.8 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.8 U	
µg/L	SW8270	4-Methylphenol	9.6 U	9.6 U	
µg/L	SW8270	4-Nitroaniline	9.6 U	9.6 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0216 DMH-A3 02/02/2016 480-94611-1	BCC Area A DMH-A3 D_0216 DMH-A3 02/02/2016 480-94611-1	Trip Blank_020216 QC 02/02/2016 480-94611-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Nitrophenol	9.6 U	9.6 U	
µg/L	SW8270	Acenaphthene	4.8 U	4.8 U	
µg/L	SW8270	Acenaphthylene	4.8 U	4.8 U	
µg/L	SW8270	Acetophenone	4.8 U	4.8 U	
µg/L	SW8270	Aniline	9.6 U	9.6 U	
µg/L	SW8270	Anthracene	4.8 U	4.8 U	
µg/L	SW8270	Atrazine	4.8 U	4.8 U	
µg/L	SW8270	Benzaldehyde	4.8 U	4.8 U	
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.8 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.8 U	
µg/L	SW8270	Biphenyl	4.8 U	4.8 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.8 U	
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Caprolactam	4.8 UJ	4.8 UJ	
µg/L	SW8270	Carbazole	4.8 U	4.8 U	
µg/L	SW8270	Chrysene	4.8 U	4.8 U	
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.8 U	
µg/L	SW8270	Dibenzofuran	9.6 U	9.6 U	
µg/L	SW8270	Diethyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Fluoranthene	4.8 U	4.8 U	
µg/L	SW8270	Fluorene	4.8 U	4.8 U	
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.8 U	
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.8 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.8 U	
µg/L	SW8270	Hexachloroethane	4.8 U	4.8 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U	4.8 U	

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

Field Sample ID			BCC Area A DMH-A3_0216	BCC Area A DMH-A3 D_0216	Trip Blank_020216
Location			DMH-A3	DMH-A3	QC
Sample Date			02/02/2016	02/02/2016	02/02/2016
Sample Delivery Group			480-94611-1	480-94611-1	480-94611-1
Units	Method	Parameter Name			
µg/L	SW8270	Isophorone	4.8 U	4.8 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U	4.8 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U	4.8 U	
µg/L	SW8270	Naphthalene	4.8 U	4.8 U	
µg/L	SW8270	Nitrobenzene	4.8 U	4.8 U	
µg/L	SW8270	Pentachlorophenol	9.6 U	9.6 U	
µg/L	SW8270	Phenanthrene	4.8 U	4.8 U	
µg/L	SW8270	Phenol	4.8 U	4.8 U	
µg/L	SW8270	Pyrene	4.8 U	4.8 U	

Notes:

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0516 DMH-A3 05/03/2016 480-99481-1	BCC Area A DMH-A3D_0516 DMH-A3 05/03/2016 480-99481-1	TRIP BLANK_050316 QC 05/03/2016 480-99481-1
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 UJ	1.0 UJ	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 UJ	1.0 UJ	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 UJ	1.0 UJ	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 UJ	1.0 UJ	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 UJ	1.0 UJ	1.0 U
µg/L	SW8260	Cyclohexane	1.0 UJ	1.0 UJ	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 UJ	1.0 UJ	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

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0516 DMH-A3 05/03/2016 480-99481-1	BCC Area A DMH-A3D_0516 DMH-A3 05/03/2016 480-99481-1	TRIP BLANK_050316 QC 05/03/2016 480-99481-1
Units	Method	Parameter Name			
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 UJ	1.0 UJ	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 UJ	1.0 UJ	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 UJ	1.0 UJ	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.8 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.8 U	
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.8 U	
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.8 U	
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.5 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.8 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.8 U	
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.8 U	
µg/L	SW8270	2-Chlorophenol	4.7 U	4.8 U	
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.8 U	
µg/L	SW8270	2-Methylphenol	4.7 U	4.8 U	
µg/L	SW8270	2-Nitroaniline	9.4 U	9.5 U	
µg/L	SW8270	2-Nitrophenol	4.7 U	4.8 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.8 U	
µg/L	SW8270	3-Nitroaniline	9.4 U	9.5 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.5 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.8 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.8 U	
µg/L	SW8270	4-Chloroaniline	4.7 U	4.8 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.8 U	
µg/L	SW8270	4-Methylphenol	9.4 U	9.5 U	
µg/L	SW8270	4-Nitroaniline	9.4 U	9.5 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0516 DMH-A3 05/03/2016 480-99481-1	BCC Area A DMH-A3D_0516 DMH-A3 05/03/2016 480-99481-1	TRIP BLANK_050316 QC 05/03/2016 480-99481-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Nitrophenol	9.4 U	9.5 U	
µg/L	SW8270	Acenaphthene	4.7 U	4.8 U	
µg/L	SW8270	Acenaphthylene	4.7 U	4.8 U	
µg/L	SW8270	Acetophenone	4.7 U	4.8 U	
µg/L	SW8270	Aniline	9.4 UJ	9.5 UJ	
µg/L	SW8270	Anthracene	4.7 U	4.8 U	
µg/L	SW8270	Atrazine	4.7 U	4.8 U	
µg/L	SW8270	Benzaldehyde	4.7 U	4.8 U	
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.8 U	
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.8 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.8 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.8 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.8 U	
µg/L	SW8270	Biphenyl	4.7 U	4.8 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.8 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.8 U	
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.8 U	
µg/L	SW8270	Caprolactam	4.7 UJ	4.8 UJ	
µg/L	SW8270	Carbazole	4.7 U	4.8 U	
µg/L	SW8270	Chrysene	4.7 U	4.8 U	
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.8 U	
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.8 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.8 U	
µg/L	SW8270	Dibenzofuran	9.4 U	9.5 U	
µg/L	SW8270	Diethyl phthalate	4.7 U	4.8 U	
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.8 U	
µg/L	SW8270	Fluoranthene	4.7 U	4.8 U	
µg/L	SW8270	Fluorene	4.7 U	4.8 U	
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.8 U	
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.8 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.8 U	
µg/L	SW8270	Hexachloroethane	4.7 U	4.8 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.8 U	

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
2016 AREA A SURFACE WATER SAMPLING
HONEYWELL - BUFFALO COLOR AREA A
BUFFALO, NEW YORK

Field Sample ID			BCC Area A DMH-A3_0516	BCC Area A DMH-A3D_0516	TRIP BLANK_050316
Location			DMH-A3	DMH-A3	QC
Sample Date			05/03/2016	05/03/2016	05/03/2016
Sample Delivery Group			480-99481-1	480-99481-1	480-99481-1
Units	Method	Parameter Name			
µg/L	SW8270	Isophorone	4.7 U	4.8 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.8 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.8 U	
µg/L	SW8270	Naphthalene	4.7 U	4.8 U	
µg/L	SW8270	Nitrobenzene	4.7 U	4.8 U	
µg/L	SW8270	Pentachlorophenol	9.4 U	9.5 U	
µg/L	SW8270	Phenanthrene	4.7 U	4.8 U	
µg/L	SW8270	Phenol	4.7 U	4.8 U	
µg/L	SW8270	Pyrene	4.7 U	4.8 U	

Notes:

U = undetected

J = estimated value

R= rejected

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0816 DMH-A3 08/18/2016 480-104756-1	BCC Area A DMH-A3 D_0816 DMH-A3 08/18/2016 480-104756-1	Trip Blank Area A_0816 QC 08/18/2016 480-104756-1
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	3.3 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

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0816 DMH-A3 08/18/2016 480-104756-1	BCC Area A DMH-A3 D_0816 DMH-A3 08/18/2016 480-104756-1	Trip Blank Area A_0816 QC 08/18/2016 480-104756-1
Units	Method	Parameter Name			
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.4 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.7 U	
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	
µg/L	SW8270	2-Nitroaniline	9.4 U	9.4 U	
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	
µg/L	SW8270	3-Nitroaniline	9.4 U	9.4 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.4 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	
µg/L	SW8270	4-Chloroaniline	4.7 UJ	4.7 UJ	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	
µg/L	SW8270	4-Methylphenol	9.4 U	9.4 U	
µg/L	SW8270	4-Nitroaniline	9.4 U	9.4 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0816 DMH-A3 08/18/2016 480-104756-1	BCC Area A DMH-A3 D_0816 DMH-A3 08/18/2016 480-104756-1	Trip Blank Area A_0816 QC 08/18/2016 480-104756-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Nitrophenol	9.4 U	9.4 U	
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	
µg/L	SW8270	Aniline	9.4 UJ	9.4 UJ	
µg/L	SW8270	Anthracene	4.7 U	4.7 U	
µg/L	SW8270	Atrazine	4.7 U	4.7 U	
µg/L	SW8270	Benzaldehyde	4.7 U	4.7 U	
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Biphenyl	4.7 U	4.7 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 UJ	4.7 UJ	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.7 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.7 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	
µg/L	SW8270	Carbazole	4.7 U	4.7 U	
µg/L	SW8270	Chrysene	4.7 U	4.7 U	
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.7 U	
µg/L	SW8270	Dibenzofuran	9.4 U	9.4 U	
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Fluorene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A DMH-A3_0816 DMH-A3 08/18/2016 480-104756-1	BCC Area A DMH-A3 D_0816 DMH-A3 08/18/2016 480-104756-1	Trip Blank Area A_0816 QC 08/18/2016 480-104756-1
Units	Method	Parameter Name			
µg/L	SW8270	Isophorone	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	
µg/L	SW8270	Pentachlorophenol	9.4 U	9.4 U	
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	
µg/L	SW8270	Phenol	4.7 U	4.7 U	
µg/L	SW8270	Pyrene	4.7 U	4.7 U	

Notes:

U = undetected

J = estimated value

R = rejected

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

Field Sample ID			BCC Area A DMH-A3 D-1116	BCC Area A DMH-A3-1116	TRIP BLANK_110116
Location			DMH-A3	DMH-A3	QC
Sample Date			11/01/2016	11/01/2016	11/01/2016
Sample Delivery Group			480-108916-1	480-108916-1	480-108916-1
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	3.4 J	3.2 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

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

Field Sample ID			BCC Area A DMH-A3 D-1116	BCC Area A DMH-A3-1116	TRIP BLANK_110116
Location			DMH-A3	DMH-A3	QC
Sample Date			11/01/2016	11/01/2016	11/01/2016
Sample Delivery Group			480-108916-1	480-108916-1	480-108916-1
Units	Method	Parameter Name			
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	
µg/L	SW8270	2,4-Dinitrophenol	9.5 U	9.5 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.3 J	
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	
µg/L	SW8270	2-Nitroaniline	9.5 U	9.5 U	
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 R	4.7 R	
µg/L	SW8270	3-Nitroaniline	9.5 UJ	9.5 UJ	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.5 U	9.5 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	
µg/L	SW8270	4-Chloroaniline	4.7 UJ	4.7 UJ	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	
µg/L	SW8270	4-Methylphenol	9.5 U	9.5 U	
µg/L	SW8270	4-Nitroaniline	9.5 UJ	9.5 UJ	

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

Field Sample ID			BCC Area A DMH-A3 D-1116	BCC Area A DMH-A3-1116	TRIP BLANK_110116
Location			DMH-A3	DMH-A3	QC
Sample Date			11/01/2016	11/01/2016	11/01/2016
Sample Delivery Group			480-108916-1	480-108916-1	480-108916-1
Units	Method	Parameter Name			
µg/L	SW8270	4-Nitrophenol	9.5 U	9.5 U	
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	
µg/L	SW8270	Aniline	9.5 UJ	9.5 UJ	
µg/L	SW8270	Anthracene	4.7 U	4.7 U	
µg/L	SW8270	Atrazine	4.7 U	4.7 U	
µg/L	SW8270	Benzaldehyde	4.7 UJ	4.7 UJ	
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.7 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Biphenyl	4.7 U	4.7 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.7 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.7 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.7 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	
µg/L	SW8270	Carbazole	4.7 U	4.7 U	
µg/L	SW8270	Chrysene	4.7 U	4.7 U	
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.7 U	
µg/L	SW8270	Dibenzofuran	9.5 U	9.5 U	
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	
µg/L	SW8270	Fluorene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.7 U	

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

Field Sample ID			BCC Area A DMH-A3 D-1116	BCC Area A DMH-A3-1116	TRIP BLANK_110116
Location			DMH-A3	DMH-A3	QC
Sample Date			11/01/2016	11/01/2016	11/01/2016
Sample Delivery Group			480-108916-1	480-108916-1	480-108916-1
Units	Method	Parameter Name			
µg/L	SW8270	Isophorone	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	
µg/L	SW8270	Pentachlorophenol	9.5 U	9.5 U	
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	
µg/L	SW8270	Phenol	4.7 U	4.7 U	
µg/L	SW8270	Pyrene	4.7 U	4.7 U	

Notes:

U = undetected

J = estimated value

R= rejected

DATA VALIDATION SUMMARY REPORT AREA A 2016 GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA A
BUFFALO, NEW YORK

Prepared for

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February 2017

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Table 2 Project Precision and Accuracy Goals

Table 3 Validation Actions Summary

Table 4 Final Results

1.0 INTRODUCTION

Data validation was completed on annual groundwater samples collected in June 2016. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data package (SDG) 480-101034-1. A summary of laboratory data packages and samples is presented in Table 1. The following U.S. Environmental Protection Agency (USEPA, 1996) analytical methods were performed:

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

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

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

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

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

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

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

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

J = The reported concentration is considered an estimated value.

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

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

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

BL1 = Result qualified due to laboratory blank

FD = Field duplicate exceeds RPD criteria

LCSL = LCS recovery less than the lower limit

MSL=Matrix spike recovery less than the lower limit

MSDL=Matrix spike duplicate recovery less than the lower limit

Sample results that are not included on Table 3 were interpreted to be usable as reported by the laboratory. A complete summary of final 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
- * Laboratory Control Samples (LCS)
- * Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- * Field Duplicates
- * Surrogate Spikes
- Reporting Limits
- * Data Completeness
- * Electronic Data Verification
- * - Criteria were met for this parameter

June Event

Reporting Limits

The samples from multiple locations were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area A ICM-101_0616	480-101034-1	SW8260	100
BCC Area A EW-1_0616	480-101034-1	SW8260	200
BCC Area A EW-1 D_0616	480-101034-1	SW8260	200
BCC Area A RFI-26_0616	480-101034-2	SW8260	2
BCC Area A EW-2_0616	480-101034-4	SW8260	100
BCC Area A EW-3A_0616	480-101034-5	SW8260	50
BCC Area A EW-4_0616	480-101034-6	SW8260	5
BCC Area A EW-5_0616	480-101034-7	SW8260	2

2.2 SEMIVOLATILE 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.

June Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolactam (37) in SDG 480-101034-1, which may indicate low bias. Caprolactam was not detected in associated samples and reporting limits were qualified as estimated (UJ). A summary of qualified samples results are presented on Table 3 with reason code LCSL.

Reporting Limits

The samples from multiple locations were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area A ICM-101_0616	480-101034-1	SW8270	100
BCC Area A RFI-26_0616	480-101034-2	SW8270	100
BCC Area A EW-2_0616	480-101034-4	SW8270	10
BCC Area A EW-1_0616	480-101034-3	SW8270	20
BCC Area A EW-3A_0616	480-101034-5	SW8270	100
BCC Area A EW-4_0616	480-101034-6	SW8270	250
BCC Area A EW-5_0616	480-101034-7	SW8270	20
BCC Area A EW-1 D_0616	480-101034-8	SW8270	20

2.3 METALS

The data were evaluated based on the following parameters:

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

June Event

Blanks

Zinc (0.010 mg/L) was detected below the reporting limit in method blank batch 304894. An action limit was established at five times the reported blank concentration. Zinc results were less than action limits in several associated samples and were qualified as non-detect (U) with reason code BL1.

MS/MSD

The MS and/or MSD percent recoveries for copper (19/40) and zinc (74/79) were lower than the QC limit of 75. These analytes were detected in BCC Area A EW-1_0616 and BCC Area A EW-1 D_0616 samples and results were qualified as estimated (J). A summary of qualified samples results is presented on Table 3 with reason code MSL and/or MSDL.

Field Duplicates

Differences in detections and/or reported concentrations of copper were reported in duplicate samples collected from BCC Area A EW-1_0616. Result for these compounds samples BCC Area A EW-1_0616 and BCC Area A EW-1 D_0616 were qualified estimated (J/UJ) with reason code FD. A summary of qualified sample results is presented in Table-3.

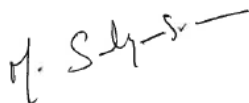
3.0 REFERENCES

- 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: Sandhyasree



January 03, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC



January 31, 2017

TABLES

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

				Parameter	VOCs	SVOCs	TAL Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470A
SDG	Field Sample ID	Location	Type	Date				
480-101034-1	BCC Area A EW-1 D_0616	EW-01	FD	6/2/2016	48	66	22	1
480-101034-1	BCC Area A EW-1_0616	EW-01	REG	6/2/2016	48	66	22	1
480-101034-1	BCC Area A EW-2_0616	EW-02	REG	6/2/2016	48	66	22	1
480-101034-1	BCC Area A EW-3A_0616	EW-03	REG	6/2/2016	48	66	22	1
480-101034-1	BCC Area A EW-4_0616	EW-04	REG	6/2/2016	48	66	22	1
480-101034-1	BCC Area A EW-5_0616	EW-05	REG	6/2/2016	48	66	22	1
480-101034-1	BCC Area A ICM-101_0616	ICM-101	REG	6/2/2016	48	66	22	1
480-101034-1	BCC Area A RFI-26_0616	RFI-26	REG	6/2/2016	48	66	22	1
480-101034-1	TRIP BLANK_060216	QC	TB	6/2/2016	48			

Notes

REG: Regular sample

FD:Field duplicate

TB:Trip blank

ID: Identification

VOCs: Volatile Organic Compounds

SVOCs: Semi-Volatile Organic Compounds

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

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

Notes:

LCS - Laboratory Control Sample

MS/MSD - Matrix spike/ Matrix Spike Duplicate

RPD = Relative percent difference

%R = percent recovery

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

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area A RFI-26_0616	REG	480-101034-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area A EW-3A_0616	REG	480-101034-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area A EW-4_0616	REG	480-101034-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area A ICM-101_0616	REG	480-101034-1	SW8270	Caprolactam	2500	U	UJ	LCSL	µg/L
BCC Area A RFI-26_0616	REG	480-101034-1	SW8270	Caprolactam	460	U	UJ	LCSL	µg/L
BCC Area A EW-1_0616	REG	480-101034-1	SW8270	Caprolactam	91	U	UJ	LCSL	µg/L
BCC Area A EW-2_0616	REG	480-101034-1	SW8270	Caprolactam	46	U	UJ	LCSL	µg/L
BCC Area A EW-3A_0616	REG	480-101034-1	SW8270	Caprolactam	470	U	UJ	LCSL	µg/L
BCC Area A EW-5_0616	REG	480-101034-1	SW8270	Caprolactam	93	U	UJ	LCSL	µg/L
BCC Area A EW-1 D_0616	FD	480-101034-1	SW8270	Caprolactam	93	U	UJ	LCSL	µg/L
BCC Area A EW-1_0616	REG	480-101034-1	SW6010	Zinc	0.061	F1,B	J	MSL	mg/L
BCC Area A EW-1 D_0616	FD	480-101034-1	SW6010	Zinc	0.059	B	J	MSL	mg/L
BCC Area A EW-1_0616	REG	480-101034-1	SW6010	Copper	0.17	F1	J	MSL,MSDL,FD	mg/L
BCC Area A EW-1 D_0616	FD	480-101034-1	SW6010	Copper	0.065		J	MSL,MSDL,FD	mg/L

Notes:

BL1= Result qualified due to laboratory blank

FD= Field duplicate exceeds RPD criteria

MSL= Matrix spike recovery less than the lower limit

MSDL= Matrix spike duplicate recovery less than the lower limit

LCSL= LCS recovery less than the lower limit

J= Estimated

U= Undetected

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

Field Sample ID Location Sample Date Sample Delivery Group Parameter Name			BCC Area A EW-1_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-1 D_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-2_0616 EW-02 06/02/2016 480-101034-1	BCC Area A EW-3A_0616 EW-03 06/02/2016 480-101034-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.027	0.024	0.23	0.086
mg/L	SW6010	Barium	0.057	0.057	0.052	0.051
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	162	162	67.2	32.3
mg/L	SW6010	Chromium	0.0021 J	0.0026 J	0.0082	0.0050
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0040 U	0.0040 U
mg/L	SW6010	Copper	0.17 J	0.065 J	0.0043 J	0.0018 J
mg/L	SW6010	Iron	6.2	6.3	0.42	0.48
mg/L	SW6010	Lead	0.0093 J	0.010	0.0053 J	0.0095 J
mg/L	SW6010	Magnesium	18.5	18.7	9.4	13.6
mg/L	SW6010	Manganese	0.62	0.63	0.24	0.060
mg/L	SW6010	Nickel	0.010 U	0.010 U	0.0048 J	0.010 U
mg/L	SW6010	Potassium	32.7	33.3	93.5	173
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	144	145	235	411
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0019 J	0.014	0.013
mg/L	SW6010	Zinc	0.061 J	0.059 J	0.011	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,1,2-Trichloroethane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,1-Dichloroethane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,1-Dichloroethene	200 U	200 U	100 U	50 U
µg/L	SW8260	1,2,4-Trichlorobenzene	200 U	200 U	100 U	50 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,2-Dibromoethane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,2-Dichlorobenzene	420	440	100 U	50 U
µg/L	SW8260	1,2-Dichloroethane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,2-Dichloropropane	200 U	200 U	100 U	50 U
µg/L	SW8260	1,3-Dichlorobenzene	170 J	170 J	100 U	50 U
µg/L	SW8260	1,4-Dichlorobenzene	1400	1500	100 U	50 U
µg/L	SW8260	2-Butanone (MEK)	2000 U	2000 U	1000 U	500 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A EW-1_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-1 D_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-2_0616 EW-02 06/02/2016 480-101034-1	BCC Area A EW-3A_0616 EW-03 06/02/2016 480-101034-1
Units	Method	Parameter Name				
µg/L	SW8260	2-Hexanone	1000 U	1000 U	500 U	250 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	1000 U	1000 U	500 U	250 U
µg/L	SW8260	Acetone	2000 U	2000 U	1000 U	500 U
µg/L	SW8260	Benzene	130 J	130 J	240	870
µg/L	SW8260	Bromodichloromethane	200 U	200 U	100 U	50 U
µg/L	SW8260	Bromoform	200 U	200 U	100 U	50 U
µg/L	SW8260	Bromomethane	200 U	200 U	100 U	50 U
µg/L	SW8260	Carbon disulfide	200 U	200 U	100 U	50 U
µg/L	SW8260	Carbon tetrachloride	200 U	200 U	100 U	50 U
µg/L	SW8260	Chlorobenzene	14000	14000	5800	3900
µg/L	SW8260	Chloroethane	200 U	200 U	100 U	50 U
µg/L	SW8260	Chloroform	200 U	200 U	100 U	50 U
µg/L	SW8260	Chloromethane	200 U	200 U	100 U	50 U
µg/L	SW8260	cis-1,2-Dichloroethene	200 U	200 U	100 U	50 U
µg/L	SW8260	cis-1,3-Dichloropropene	200 U	200 U	100 U	50 U
µg/L	SW8260	Cyclohexane	200 U	200 U	100 U	50 U
µg/L	SW8260	Dibromochloromethane	200 U	200 U	100 U	50 U
µg/L	SW8260	Dichlorodifluoromethane	200 U	200 U	100 U	50 U
µg/L	SW8260	Ethylbenzene	200 U	200 U	100 U	50 U
µg/L	SW8260	Isopropylbenzene	200 U	200 U	100 U	50 U
µg/L	SW8260	Methyl acetate	500 U	500 U	250 U	130 U
µg/L	SW8260	Methyl tert-butyl ether	200 U	200 U	100 U	50 U
µg/L	SW8260	Methylcyclohexane	200 U	200 U	100 U	50 U
µg/L	SW8260	Methylene Chloride	200 U	200 U	100 U	50 U
µg/L	SW8260	Styrene	200 U	200 U	100 U	50 U
µg/L	SW8260	Tetrachloroethene	200 U	200 U	100 U	50 U
µg/L	SW8260	Toluene	200 U	200 U	100 U	50 U
µg/L	SW8260	trans-1,2-Dichloroethene	200 U	200 U	100 U	50 U
µg/L	SW8260	trans-1,3-Dichloropropene	200 U	200 U	100 U	50 U
µg/L	SW8260	Trichloroethene	200 U	200 U	100 U	50 U
µg/L	SW8260	Trichlorofluoromethane	200 U	200 U	100 U	50 U
µg/L	SW8260	Vinyl chloride	200 U	200 U	100 U	50 U
µg/L	SW8260	Xylenes, Total	400 U	400 U	200 U	100 U
µg/L	SW8270	2,4,5-Trichlorophenol	91 U	93 U	46 U	470 U
µg/L	SW8270	2,4,6-Trichlorophenol	91 U	93 U	46 U	470 U
µg/L	SW8270	2,4-Dichlorophenol	91 U	93 U	46 U	470 U
µg/L	SW8270	2,4-Dimethylphenol	91 U	93 U	46 U	470 U
µg/L	SW8270	2,4-Dinitrophenol	180 U	190 U	92 U	930 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A EW-1_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-1 D_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-2_0616 EW-02 06/02/2016 480-101034-1	BCC Area A EW-3A_0616 EW-03 06/02/2016 480-101034-1
Units	Method	Parameter Name				
µg/L	SW8270	2,4-Dinitrotoluene	91 U	93 U	46 U	470 U
µg/L	SW8270	2,6-Dinitrotoluene	91 U	93 U	46 U	470 U
µg/L	SW8270	2-Chloronaphthalene	91 U	93 U	46 U	470 U
µg/L	SW8270	2-Chlorophenol	22 J	24 J	46 U	470 U
µg/L	SW8270	2-Methylnaphthalene	91 U	93 U	46 U	470 U
µg/L	SW8270	2-Methylphenol	91 U	93 U	46 U	470 U
µg/L	SW8270	2-Nitroaniline	180 U	190 U	92 U	930 U
µg/L	SW8270	2-Nitrophenol	91 U	93 U	46 U	470 U
µg/L	SW8270	3,3'-Dichlorobenzidine	91 U	93 U	46 U	470 U
µg/L	SW8270	3-Nitroaniline	180 U	190 U	92 U	930 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	180 U	190 U	92 U	930 U
µg/L	SW8270	4-Bromophenyl phenyl ether	91 U	93 U	46 U	470 U
µg/L	SW8270	4-Chloro-3-methylphenol	91 U	93 U	46 U	470 U
µg/L	SW8270	4-Chloroaniline	33 J	36 J	120	330 J
µg/L	SW8270	4-Chlorophenyl phenyl ether	91 U	93 U	46 U	470 U
µg/L	SW8270	4-Methylphenol	180 U	190 U	92 U	930 U
µg/L	SW8270	4-Nitroaniline	180 U	190 U	92 U	930 U
µg/L	SW8270	4-Nitrophenol	180 U	190 U	92 U	930 U
µg/L	SW8270	Acenaphthene	91 U	93 U	5.2 J	470 U
µg/L	SW8270	Acenaphthylene	91 U	93 U	46 U	470 U
µg/L	SW8270	Acetophenone	91 U	93 U	46 U	470 U
µg/L	SW8270	Aniline	14 J	12 J	6.9 J	1400
µg/L	SW8270	Anthracene	91 U	93 U	46 U	470 U
µg/L	SW8270	Atrazine	91 U	93 U	46 U	470 U
µg/L	SW8270	Benzaldehyde	91 U	93 U	46 U	470 U
µg/L	SW8270	Benzo(a)anthracene	91 U	93 U	46 U	470 U
µg/L	SW8270	Benzo(a)pyrene	91 U	93 U	46 U	470 U
µg/L	SW8270	Benzo(b)fluoranthene	91 U	93 U	46 U	470 U
µg/L	SW8270	Benzo(g,h,i)perylene	91 U	93 U	46 U	470 U
µg/L	SW8270	Benzo(k)fluoranthene	91 U	93 U	46 U	470 U
µg/L	SW8270	Biphenyl	91 U	93 U	46 U	470 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	91 U	93 U	46 U	470 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	91 U	93 U	46 U	470 U
µg/L	SW8270	Bis(2-chloroethyl)ether	91 U	93 U	46 U	470 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	91 U	93 U	46 U	470 U
µg/L	SW8270	Butyl benzyl phthalate	91 U	93 U	46 U	470 U
µg/L	SW8270	Caprolactam	91 UJ	93 UJ	46 UJ	470 UJ
µg/L	SW8270	Carbazole	91 U	93 U	46 U	470 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area A EW-1_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-1 D_0616 EW-01 06/02/2016 480-101034-1	BCC Area A EW-2_0616 EW-02 06/02/2016 480-101034-1	BCC Area A EW-3A_0616 EW-03 06/02/2016 480-101034-1
Units	Method	Parameter Name				
µg/L	SW8270	Chrysene	91 U	93 U	46 U	470 U
µg/L	SW8270	Di-n-butyl phthalate	91 U	93 U	46 U	470 U
µg/L	SW8270	Di-n-octyl phthalate	91 U	93 U	46 U	470 U
µg/L	SW8270	Dibenz(a,h)anthracene	91 U	93 U	46 U	470 U
µg/L	SW8270	Dibenzofuran	180 U	190 U	92 U	930 U
µg/L	SW8270	Diethyl phthalate	91 U	93 U	46 U	470 U
µg/L	SW8270	Dimethyl phthalate	91 U	93 U	46 U	470 U
µg/L	SW8270	Fluoranthene	91 U	93 U	46 U	470 U
µg/L	SW8270	Fluorene	91 U	93 U	46 U	470 U
µg/L	SW8270	Hexachlorobenzene	91 U	93 U	46 U	470 U
µg/L	SW8270	Hexachlorobutadiene	91 U	93 U	46 U	470 U
µg/L	SW8270	Hexachlorocyclopentadiene	91 U	93 U	46 U	470 U
µg/L	SW8270	Hexachloroethane	91 U	93 U	46 U	470 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	91 U	93 U	46 U	470 U
µg/L	SW8270	Isophorone	91 U	93 U	46 U	470 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	91 U	93 U	46 U	470 U
µg/L	SW8270	N-Nitrosodiphenylamine	60 J	62 J	29 J	470 U
µg/L	SW8270	Naphthalene	91 U	93 U	120	470 U
µg/L	SW8270	Nitrobenzene	91 U	93 U	46 U	470 U
µg/L	SW8270	Pentachlorophenol	180 U	190 U	92 U	930 U
µg/L	SW8270	Phenanthrene	91 U	93 U	46 U	470 U
µg/L	SW8270	Phenol	91 U	93 U	46 U	470 U
µg/L	SW8270	Pyrene	91 U	93 U	46 U	470 U

Notes:

U = undetected

J = estimated value

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

		Field Sample ID	BCC Area A EW-4_0616	BCC Area A EW-5_0616	BCC Area A ICM-101_0616
		Location	EW-04	EW-05	ICM-101
		Sample Date	06/02/2016	06/02/2016	06/02/2016
		Sample Delivery Group	480-101034-1	480-101034-1	480-101034-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.15 J	0.20 U	1.9
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.0086 J	0.016	0.050
mg/L	SW6010	Barium	0.0093	0.072	0.054
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0012 J
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	7.5	274	51.2
mg/L	SW6010	Chromium	0.013	0.0010 J	0.066
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.00096 J
mg/L	SW6010	Copper	0.0063 J	0.037	0.010
mg/L	SW6010	Iron	0.61	25.0	7.9
mg/L	SW6010	Lead	0.043	0.0064 J	0.0079 J
mg/L	SW6010	Magnesium	12.4	49.4	9.1
mg/L	SW6010	Manganese	0.029	3.3	0.40
mg/L	SW6010	Nickel	0.0071 J	0.0021 J	0.010
mg/L	SW6010	Potassium	288	62.0	13.3
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	820	672	567
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.025	0.0050 U	0.099
mg/L	SW6010	Zinc	0.010 U	0.074	0.053
mg/L	SW7470	Mercury	0.00024	0.00020 U	0.00022
µg/L	SW8260	1,1,1-Trichloroethane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,1,2-Trichloroethane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,1-Dichloroethane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,1-Dichloroethene	5.0 U	2.0 U	100 U
µg/L	SW8260	1,2,4-Trichlorobenzene	5.0 U	2.0 U	100 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,2-Dibromoethane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,2-Dichlorobenzene	5.0 U	2.0 U	170
µg/L	SW8260	1,2-Dichloroethane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,2-Dichloropropane	5.0 U	2.0 U	100 U
µg/L	SW8260	1,3-Dichlorobenzene	5.0 U	2.0 U	100 U
µg/L	SW8260	1,4-Dichlorobenzene	5.0 U	2.0 U	560
µg/L	SW8260	2-Butanone (MEK)	50 U	20 U	1000 U

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

		Field Sample ID	BCC Area A EW-4_0616	BCC Area A EW-5_0616	BCC Area A ICM-101_0616
		Location	EW-04	EW-05	ICM-101
		Sample Date	06/02/2016	06/02/2016	06/02/2016
		Sample Delivery Group	480-101034-1	480-101034-1	480-101034-1
Units	Method	Parameter Name			
µg/L	SW8260	2-Hexanone	25 U	10 U	500 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	25 U	10 U	500 U
µg/L	SW8260	Acetone	50 U	20 U	1000 U
µg/L	SW8260	Benzene	160	6.1	4500
µg/L	SW8260	Bromodichloromethane	5.0 U	2.0 U	100 U
µg/L	SW8260	Bromoform	5.0 U	2.0 U	100 U
µg/L	SW8260	Bromomethane	5.0 U	2.0 U	100 U
µg/L	SW8260	Carbon disulfide	5.1	2.0 U	100 U
µg/L	SW8260	Carbon tetrachloride	5.0 U	2.0 U	100 U
µg/L	SW8260	Chlorobenzene	55	2.0 U	20000
µg/L	SW8260	Chloroethane	5.0 U	2.0 U	100 U
µg/L	SW8260	Chloroform	5.0 U	2.0 U	100 U
µg/L	SW8260	Chloromethane	5.0 U	2.0 U	100 U
µg/L	SW8260	cis-1,2-Dichloroethene	5.0 U	4.3	100 U
µg/L	SW8260	cis-1,3-Dichloropropene	5.0 U	2.0 U	100 U
µg/L	SW8260	Cyclohexane	5.0 U	2.0 U	100 U
µg/L	SW8260	Dibromochloromethane	5.0 U	2.0 U	100 U
µg/L	SW8260	Dichlorodifluoromethane	5.0 U	2.0 U	100 U
µg/L	SW8260	Ethylbenzene	9.0	40	100 U
µg/L	SW8260	Isopropylbenzene	5.0 U	8.6	100 U
µg/L	SW8260	Methyl acetate	13 U	5.0 U	250 U
µg/L	SW8260	Methyl tert-butyl ether	5.0 U	2.0 U	100 U
µg/L	SW8260	Methylcyclohexane	0.97 J	0.34 J	100 U
µg/L	SW8260	Methylene Chloride	5.0 U	2.0 U	100 U
µg/L	SW8260	Styrene	5.0 U	2.0 U	100 U
µg/L	SW8260	Tetrachloroethene	5.0 U	2.0 U	100 U
µg/L	SW8260	Toluene	2.8 J	3.8	100 U
µg/L	SW8260	trans-1,2-Dichloroethene	5.0 U	2.0 U	100 U
µg/L	SW8260	trans-1,3-Dichloropropene	5.0 U	2.0 U	100 U
µg/L	SW8260	Trichloroethene	5.0 U	2.0 U	100 U
µg/L	SW8260	Trichlorofluoromethane	5.0 U	2.0 U	100 U
µg/L	SW8260	Vinyl chloride	5.0 U	2.3	100 U
µg/L	SW8260	Xylenes, Total	15	200	200 U
µg/L	SW8270	2,4,5-Trichlorophenol	1200 U	93 U	2500 U
µg/L	SW8270	2,4,6-Trichlorophenol	1200 U	93 U	2500 U
µg/L	SW8270	2,4-Dichlorophenol	1200 U	93 U	2500 U
µg/L	SW8270	2,4-Dimethylphenol	1200 U	93 U	2500 U
µg/L	SW8270	2,4-Dinitrophenol	2300 U	190 U	5000 U

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

		Field Sample ID	BCC Area A EW-4_0616	BCC Area A EW-5_0616	BCC Area A ICM-101_0616
		Location	EW-04	EW-05	ICM-101
		Sample Date	06/02/2016	06/02/2016	06/02/2016
		Sample Delivery Group	480-101034-1	480-101034-1	480-101034-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4-Dinitrotoluene	1200 U	93 U	2500 U
µg/L	SW8270	2,6-Dinitrotoluene	1200 U	93 U	2500 U
µg/L	SW8270	2-Chloronaphthalene	1200 U	93 U	2500 U
µg/L	SW8270	2-Chlorophenol	1200 U	93 U	2500 U
µg/L	SW8270	2-Methylnaphthalene	1200 U	84 J	2500 U
µg/L	SW8270	2-Methylphenol	1200 U	93 U	2500 U
µg/L	SW8270	2-Nitroaniline	2300 U	190 U	5000 U
µg/L	SW8270	2-Nitrophenol	1200 U	93 U	2500 U
µg/L	SW8270	3,3'-Dichlorobenzidine	1200 U	93 U	2500 U
µg/L	SW8270	3-Nitroaniline	2300 U	190 U	5000 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	2300 U	190 U	5000 U
µg/L	SW8270	4-Bromophenyl phenyl ether	1200 U	93 U	2500 U
µg/L	SW8270	4-Chloro-3-methylphenol	1200 U	93 U	2500 U
µg/L	SW8270	4-Chloroaniline	1200 U	93 U	2800
µg/L	SW8270	4-Chlorophenyl phenyl ether	1200 U	93 U	2500 U
µg/L	SW8270	4-Methylphenol	2300 U	190 U	5000 U
µg/L	SW8270	4-Nitroaniline	2300 U	190 U	5000 U
µg/L	SW8270	4-Nitrophenol	2300 U	190 U	5000 U
µg/L	SW8270	Acenaphthene	1200 U	17 J	2500 U
µg/L	SW8270	Acenaphthylene	1200 U	93 U	2500 U
µg/L	SW8270	Acetophenone	1200 U	93 U	2500 U
µg/L	SW8270	Aniline	4600	190 U	19000
µg/L	SW8270	Anthracene	1200 U	93 U	2500 U
µg/L	SW8270	Atrazine	1200 U	93 U	2500 U
µg/L	SW8270	Benzaldehyde	1200 U	93 U	2500 U
µg/L	SW8270	Benzo(a)anthracene	1200 U	93 U	2500 U
µg/L	SW8270	Benzo(a)pyrene	1200 U	93 U	2500 U
µg/L	SW8270	Benzo(b)fluoranthene	1200 U	93 U	2500 U
µg/L	SW8270	Benzo(g,h,i)perylene	1200 U	93 U	2500 U
µg/L	SW8270	Benzo(k)fluoranthene	1200 U	93 U	2500 U
µg/L	SW8270	Biphenyl	1200 U	93 U	2500 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	1200 U	93 U	2500 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	1200 U	93 U	2500 U
µg/L	SW8270	Bis(2-chloroethyl)ether	1200 U	93 U	2500 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	1200 U	93 U	2500 U
µg/L	SW8270	Butyl benzyl phthalate	1200 U	93 U	2500 U
µg/L	SW8270	Caprolactam	1200 U	93 UJ	2500 UJ
µg/L	SW8270	Carbazole	1200 U	93 U	2500 U

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

		Field Sample ID	BCC Area A EW-4_0616	BCC Area A EW-5_0616	BCC Area A ICM-101_0616
		Location	EW-04	EW-05	ICM-101
		Sample Date	06/02/2016	06/02/2016	06/02/2016
		Sample Delivery Group	480-101034-1	480-101034-1	480-101034-1
Units	Method	Parameter Name			
µg/L	SW8270	Chrysene	1200 U	93 U	2500 U
µg/L	SW8270	Di-n-butyl phthalate	1200 U	93 U	2500 U
µg/L	SW8270	Di-n-octyl phthalate	1200 U	93 U	2500 U
µg/L	SW8270	Dibenz(a,h)anthracene	1200 U	93 U	2500 U
µg/L	SW8270	Dibenzofuran	2300 U	16 J	5000 U
µg/L	SW8270	Diethyl phthalate	1200 U	93 U	2500 U
µg/L	SW8270	Dimethyl phthalate	1200 U	93 U	2500 U
µg/L	SW8270	Fluoranthene	1200 U	93 U	2500 U
µg/L	SW8270	Fluorene	1200 U	10 J	2500 U
µg/L	SW8270	Hexachlorobenzene	1200 U	93 U	2500 U
µg/L	SW8270	Hexachlorobutadiene	1200 U	93 U	2500 U
µg/L	SW8270	Hexachlorocyclopentadiene	1200 U	93 U	2500 U
µg/L	SW8270	Hexachloroethane	1200 U	93 U	2500 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	1200 U	93 U	2500 U
µg/L	SW8270	Isophorone	1200 U	93 U	2500 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	1200 U	93 U	2500 U
µg/L	SW8270	N-Nitrosodiphenylamine	1200 U	93 U	2500 U
µg/L	SW8270	Naphthalene	630 J	350	2500 U
µg/L	SW8270	Nitrobenzene	1200 U	93 U	2500 U
µg/L	SW8270	Pentachlorophenol	2300 U	190 U	5000 U
µg/L	SW8270	Phenanthrene	1200 U	18 J	2500 U
µg/L	SW8270	Phenol	1200 U	93 U	2500 U
µg/L	SW8270	Pyrene	1200 U	93 U	2500 U

Notes:

U = undetected

J = estimated value

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

			Field Sample ID	BCC Area A RFI-26_0616	TRIP BLANK_060216
			Location	RFI-26	QC
			Sample Date	06/02/2016	06/02/2016
			Sample Delivery Group	480-101034-1	480-101034-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum		0.20 U	
mg/L	SW6010	Antimony		0.020 U	
mg/L	SW6010	Arsenic		0.014 J	
mg/L	SW6010	Barium		0.048	
mg/L	SW6010	Beryllium		0.0020 U	
mg/L	SW6010	Cadmium		0.0020 U	
mg/L	SW6010	Calcium		40.0	
mg/L	SW6010	Chromium		0.0011 J	
mg/L	SW6010	Cobalt		0.0040 U	
mg/L	SW6010	Copper		0.0047 J	
mg/L	SW6010	Iron		0.58	
mg/L	SW6010	Lead		0.010 U	
mg/L	SW6010	Magnesium		9.0	
mg/L	SW6010	Manganese		0.14	
mg/L	SW6010	Nickel		0.0027 J	
mg/L	SW6010	Potassium		2.6	
mg/L	SW6010	Selenium		0.025 U	
mg/L	SW6010	Silver		0.0060 U	
mg/L	SW6010	Sodium		15.3	
mg/L	SW6010	Thallium		0.020 U	
mg/L	SW6010	Vanadium		0.0050 U	
mg/L	SW6010	Zinc		0.010 U	
mg/L	SW7470	Mercury		0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane		2.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane		2.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane		2.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane		2.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane		2.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene		2.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene		2.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane		2.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane		2.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene		2.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane		2.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane		2.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene		2.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene		4.1	1.0 U
µg/L	SW8260	2-Butanone (MEK)		20 U	10 U

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

		Field Sample ID	BCC Area A RFI-26_0616	TRIP BLANK_060216
		Location	RFI-26	QC
		Sample Date	06/02/2016	06/02/2016
		Sample Delivery Group	480-101034-1	480-101034-1
Units	Method	Parameter Name		
µg/L	SW8260	2-Hexanone	10 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	10 U	5.0 U
µg/L	SW8260	Acetone	20 U	10 U
µg/L	SW8260	Benzene	16	1.0 U
µg/L	SW8260	Bromodichloromethane	2.0 U	1.0 U
µg/L	SW8260	Bromoform	2.0 U	1.0 U
µg/L	SW8260	Bromomethane	2.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	2.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	2.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	120	1.0 U
µg/L	SW8260	Chloroethane	2.0 U	1.0 U
µg/L	SW8260	Chloroform	2.0 U	1.0 U
µg/L	SW8260	Chloromethane	2.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	2.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	2.0 U	1.0 U
µg/L	SW8260	Cyclohexane	2.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	2.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	2.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	2.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	2.0 U	1.0 U
µg/L	SW8260	Methyl acetate	5.0 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	2.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	2.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	2.0 U	1.0 U
µg/L	SW8260	Styrene	2.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	2.0 U	1.0 U
µg/L	SW8260	Toluene	2.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	2.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	2.0 U	1.0 U
µg/L	SW8260	Trichloroethene	2.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	2.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	2.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	4.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	460 U	
µg/L	SW8270	2,4,6-Trichlorophenol	460 U	
µg/L	SW8270	2,4-Dichlorophenol	460 U	
µg/L	SW8270	2,4-Dimethylphenol	460 U	
µg/L	SW8270	2,4-Dinitrophenol	920 U	

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

			Field Sample ID	BCC Area A RFI-26_0616	TRIP BLANK_060216
			Location	RFI-26	QC
			Sample Date	06/02/2016	06/02/2016
			Sample Delivery Group	480-101034-1	480-101034-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4-Dinitrotoluene		460 U	
µg/L	SW8270	2,6-Dinitrotoluene		460 U	
µg/L	SW8270	2-Chloronaphthalene		460 U	
µg/L	SW8270	2-Chlorophenol		460 U	
µg/L	SW8270	2-Methylnaphthalene		460 U	
µg/L	SW8270	2-Methylphenol		460 U	
µg/L	SW8270	2-Nitroaniline		920 U	
µg/L	SW8270	2-Nitrophenol		460 U	
µg/L	SW8270	3,3'-Dichlorobenzidine		460 U	
µg/L	SW8270	3-Nitroaniline		920 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol		920 U	
µg/L	SW8270	4-Bromophenyl phenyl ether		460 U	
µg/L	SW8270	4-Chloro-3-methylphenol		460 U	
µg/L	SW8270	4-Chloroaniline		460 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether		460 U	
µg/L	SW8270	4-Methylphenol		920 U	
µg/L	SW8270	4-Nitroaniline		920 U	
µg/L	SW8270	4-Nitrophenol		920 U	
µg/L	SW8270	Acenaphthene		460 U	
µg/L	SW8270	Acenaphthylene		460 U	
µg/L	SW8270	Acetophenone		460 U	
µg/L	SW8270	Aniline		920 U	
µg/L	SW8270	Anthracene		460 U	
µg/L	SW8270	Atrazine		460 U	
µg/L	SW8270	Benzaldehyde		460 U	
µg/L	SW8270	Benzo(a)anthracene		460 U	
µg/L	SW8270	Benzo(a)pyrene		460 U	
µg/L	SW8270	Benzo(b)fluoranthene		460 U	
µg/L	SW8270	Benzo(g,h,i)perylene		460 U	
µg/L	SW8270	Benzo(k)fluoranthene		460 U	
µg/L	SW8270	Biphenyl		460 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether		460 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane		460 U	
µg/L	SW8270	Bis(2-chloroethyl)ether		460 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		460 U	
µg/L	SW8270	Butyl benzyl phthalate		460 U	
µg/L	SW8270	Caprolactam		460 UJ	
µg/L	SW8270	Carbazole		460 U	

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

			Field Sample ID	BCC Area A RFI-26_0616	TRIP BLANK_060216
			Location	RFI-26	QC
			Sample Date	06/02/2016	06/02/2016
			Sample Delivery Group	480-101034-1	480-101034-1
Units	Method	Parameter Name			
µg/L	SW8270	Chrysene		460 U	
µg/L	SW8270	Di-n-butyl phthalate		460 U	
µg/L	SW8270	Di-n-octyl phthalate		460 U	
µg/L	SW8270	Dibenz(a,h)anthracene		460 U	
µg/L	SW8270	Dibenzofuran		920 U	
µg/L	SW8270	Diethyl phthalate		460 U	
µg/L	SW8270	Dimethyl phthalate		460 U	
µg/L	SW8270	Fluoranthene		460 U	
µg/L	SW8270	Fluorene		460 U	
µg/L	SW8270	Hexachlorobenzene		460 U	
µg/L	SW8270	Hexachlorobutadiene		460 U	
µg/L	SW8270	Hexachlorocyclopentadiene		460 U	
µg/L	SW8270	Hexachloroethane		460 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		460 U	
µg/L	SW8270	Isophorone		460 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine		460 U	
µg/L	SW8270	N-Nitrosodiphenylamine		460 U	
µg/L	SW8270	Naphthalene		460 U	
µg/L	SW8270	Nitrobenzene		460 U	
µg/L	SW8270	Pentachlorophenol		920 U	
µg/L	SW8270	Phenanthrene		460 U	
µg/L	SW8270	Phenol		460 U	
µg/L	SW8270	Pyrene		460 U	

Notes:

U = undetected

J = estimated value

DATA VALIDATION SUMMARY REPORT AREA B 2016 GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA B
BUFFALO, NEW YORK

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Table 2 Project Precision and Accuracy Goals

Table 3 Validation Actions Summary

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1.0 INTRODUCTION

Data validation was completed on quarterly groundwater samples collected in March, May, September, and November 2016. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data package (SDG) 480-96575-1, 480-100777-1, 480-105476-1 and 480-108915-1. A summary of laboratory data packages and samples is presented in Table 1. The following U.S. Environmental Protection Agency (USEPA, 1996) analytical methods were performed:

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

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

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

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

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

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

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

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

J = The reported concentration is considered an estimated value.

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

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

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

BL1=Result qualified due to laboratory blank

BL3 = Result qualified due to trip blank

LCSL=LCS recovery less than the lower limit

MSH = Matrix spike recovery greater than the upper limit

MSDH= Matrix spike duplicate recovery greater than the upper limit

MSL=Matrix spike recovery less than the lower limit

MSDL= Matrix spike duplicate recovery less than the lower limit

MSDP= Matrix spike duplicate RPD criteria exceedance

SSL=Surrogate recovery less than lower control limit

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

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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

2.1 VOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

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

2.1.1 March Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-30-0316. The MS and MSD percent recoveries for dichlorofluoromethane (63/60) were less than the QC limit of 70, which indicate low bias. Results for dichlorofluoromethane in samples BCC Area B RFI-30-0316 and BCC Area B RFI-30-D-0316 were qualified as estimated (UJ) with reason code MSL/MSDL.

Reporting Limits

The sample from location RFI-27 and RFI-28 were analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area B RFI-27-0316	480-96575-2	SW8260	8
BCC Area B RFI-28-0316	480-96575-3	SW8260	2

2.1.2 May EventMS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-27_0616. The MS/MSD percent recoveries for tetrachloroethene (36/47) were less than the QC limit of 50, which indicate low bias. Results in samples BCC Area B RFI-27_0616 and BCC Area B_RFI-27 D_0616 were qualified as estimated (J) with reason code MSL,MSDL.

Surrogate

Surrogate recoveries of 1,2-dichloroethane-d4 (79) and dibromofluoromethane (77) were lower than the QC limit of 80 in sample BCC Area B_RFI-27 D_0616. Results for all target compounds in this sample were qualified as estimated (J/UJ) with reason code SSL. A summary of qualified sample results is presented on Table 3 with reason code SSL.

Reporting Limits

The sample from location RFI-27 was analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area B RFI-27_0616	480-100777-2	SW8260	8

2.1.3 September EventBlanks

Acetone (3.1 µg/L) was detected below the reporting limit in TRIP BLANK_090616. Acetone was considered as common contaminant, an action limit was established at ten times the reported blank concentration. Acetone result was less than action limit in samples BCC Area B RFI-18_0916 and BCC Area B RFI-18 D_0916 was qualified as non-detect (U) at the reporting limit with reason code BL3.

Reporting Limits

The sample from location RFI-27 was analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area B RFI-27_0916	480-105476-2	SW8260	8

2.1.4 November EventLCS

The LCS percent recovery was less than the QC limit of 70 for dichlorodifluoromethane (68) in SDG 480-108915-1, which may indicate low bias. Dichlorodifluoromethane was not detected in associated samples and reporting limits are qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-28_1116. The MS/MSD percent recoveries for carbon disulfide (132/135) were greater than the QC limit of 130, which indicate high bias. Carbon disulfide was not detected in sample BCC Area B RFI-28_1116, and therefore not qualified. But it was detected in field duplicate sample BCC Area B RFI-28 D_1116 and qualified as estimated (J) with reason code MSH/MSDH.

Reporting Limits

The sample from locations RFI-27 and RFI-28 was analyzed at a dilution. Reporting limits for target compounds in the following samples are elevated due to dilution.

Field Sample ID	Lab Sample ID	Method	DF
BCC Area B RFI-27_1116	480-108915-2	SW8260	20
BCC Area B RFI-28_1116	480-108915-3	SW8260	2
BCC Area B RFI-28 D_1116	480-108915-5	SW8260	2

2.2 SEMIVOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

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

* - Criteria were met for this parameter.

2.2.1 March Event

Blanks

Butyl benzyl phthalate (0.501 µg/L) and benzaldehyde (0.647 µg/L) were detected below the reporting limit in method blank batch 291243. Butyl benzyl phthalate considered as a common contaminant. An action limit was established at ten times for butyl benzyl phthalate and five times for benzaldehyde at the reported blank concentrations. Benzaldehyde and butyl benzyl phthalate results were less than action limits in associated samples and qualified as non-detect (U) at the reporting limit with reason code BL1.

LCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolactum (38) in SDG 480-96575-1, which may indicate low bias. Results for caprolactum in associated samples were non-detect and qualified as estimated (UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-30-0316. The MS and MSD percent recovery for caprolactum (33/35) was less than the QC limit of 50, which indicates low bias. Results of caprolactum in samples BCC Area B RFI-30-0316 and BCC Area B RFI-30-D-0316 were qualified as estimated (UJ) with reason code MSL/MSDL.

2.2.2 May Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for aniline (46) and caprolactum (34) in SDG 480-100777-1, which may indicate low bias. Aniline and caprolactum were not detected in associated samples and reporting limits were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-27_0616. The MS/MSD percent recoveries for caprolactom (30/27) and MSD recoveries for aniline (45), benzo(a)pyrene (49), benzo(g,h,i)perylene (47), benzo(k)fluoranthene (48), bis(2-ethylhexyl)phthalate (47), di-n-octyl phthalate (45), dibenzo(a,h)anthracene (44) and indeno(1,2,3-cd)pyrene (46) were less than the QC limit of 50, which indicates low bias. These compounds were not detected in samples BCC Area B RFI-27_0616 and BCC Area

B_RFI-27 D_0616 and reporting limits were qualified as estimated (UJ) with reason code MSL and/or /MSDL.

Surrogates

Acid surrogates 2-fluorophenol (27) and phenol-d5 (21) were less than the QC limit of 30 in sample BCC Area B RFI-18_0616, which may indicate low bias. Hence acid fraction compounds were qualified as estimated (UJ) with reason code SSL.

Base/neutral surrogates 2-fluorobiphenyl (49) and nitrobenzene-d5 (41) were less than the QC limit of 50 in sample BCC Area B RFI-18_0616, which may indicate low bias. Hence base/neutral compounds in this sample were qualified as estimated (J/UJ) with reason code SSL.

2.2.3 September Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for aniline (44), benzaldehyde (39), bis (2-chloroisopropyl) ether (49) and caprolactum (33) in SDG 480-105476-1, which may indicate low bias. Results for these compounds in associated samples were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-18_0916. The MS and MSD percent recoveries for aniline (45/40), benzaldehyde (38/34) and caprolactum (41/42) were less than the QC limit of 50, which indicates low bias. Results of these compounds in samples BCC Area B RFI-18_0916 and BCC Area B RFI-18 D_0916 were qualified as estimated (J/UJ) with reason code MSL/MSDL.

2.1.4 November Event

LCS

The LCS percent recoveries were less than the QC limit of 50 percent for aniline (32) and caprolactum (32) in SDG 480-108915-1, which may indicate low bias. Results for these compounds in associated samples were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-27_1116. The MS and/or MSD percent recoveries for 2,4-dinitrotoluene (16/57), aniline (80/37), benzaldehyde (35/38), bis (2-chloroisopropyl) ether (63/47) and caprolactum (31/27) were less than the QC limit of 50, which indicates low bias. Results of these compounds in samples BCC Area B RFI-27_1116 and BCC Area B RFI-28 D_1116 were qualified as estimated (J/UJ) with reason code MSDL.

In addition, the MS/MSD RPD for aniline (50) exceeded the QC limit of 20 for sample BCC Area B RFI-28_1116. Results of aniline in samples BCC Area B RFI-28_1116 and BCC Area B RFI-28 D_1116 were qualified as estimated (J) with reason code MSDP.

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
- * - Criteria were met for this parameter.

2.3.1 March Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-30-0316. The MS and MSD percent recoveries for chromium (64/67) were less than the QC limit of 75, which indicates low bias. Result for chromium in samples BCC Area B RFI-30-0316 and BCC Area B RFI-30-D-0316 were qualified as estimated (J) with reason code MSL/MSDL.

2.3.2 May Event

Blanks

Zinc (0.00176 mg/L) was detected below the reporting limit in method blank batch 304263. An action limit was established at five times the reported blank concentration. Zinc results

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

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-27_0616. The MS percent recovery for manganese (74) was less than the QC limit of 75, which indicates low bias. Results of manganese in samples BCC Area B RFI-27_0616 and BCC Area B_RFI-27 D_0616 were qualified as estimated (J) with reason code MSL.

2.3.3 September Event

Blanks

Zinc (0.00313 mg/L) was detected below the reporting limit in method blank batch 319153. An action limit was established at five times the reported blank concentration. Zinc result less than action limits in associated samples were qualified as non-detect (U) with reason code BL1.

2.3.4 November Event

No QC issues observed

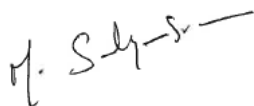
3.0 References:

- MACTEC, 2006. "Buffalo Color Quality Assurance Project Plan"; Appendix D – Quality Assurance/Quality Control, 2006.
- U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 - December 1996.
- USEPA, 2004. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review"; Office of Superfund Remediation and Technology Innovation; EPA-540-R-04-004; October 2004.
- U.S. Environmental Protection Agency (USEPA) Region II, 2008a. "Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B"; SOP No. HW-24, Revision 2; August 2008.
- U.S. Environmental Protection Agency (USEPA) Region II, 2008b. "Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D"; SOP No. HW-22, Revision 4; August 2008.

4.0 LIST OF ACRONYMS AND ABBREVIATIONS

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

Data Validator: Sandhyasree



January 24, 2017

Senior Chemist: Chris Ricardi, NRCC-EAC



February 2, 2017

TABLES

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

				Parameter	VOCs	SVOCs	TAL Metals		Mercury	
				Method	SW8260C	SW8270D	SW6010C		SW7470A	
SDG	Field Sample ID	Location ID	Type	Date			Total	Dissolved	Total	Dissolved
480-96575-1	BCC Area B RFI-18-0316	RFI-18	REG	3/14/2016	48	66	22		1	
480-96575-1	BCC Area B RFI-18F-0316	RFI-18	REG	3/14/2016				22		1
480-96575-1	BCC Area B RFI-27-0316	RFI-27	REG	3/14/2016	48	66	22		1	
480-96575-1	BCC Area B RFI-28-0316	RFI-28	REG	3/14/2016	48	66	22		1	
480-96575-1	BCC Area B RFI-30-0316	RFI-30	REG	3/14/2016	48	66	22		1	
480-96575-1	BCC Area B RFI-30-D-0316	RFI-30	FD	3/14/2016	48	66	22		1	
480-96575-1	TRIP BLANK_031416	QC	TB	3/14/2016	48					
480-100777-1	BCC Area B RFI-18_0616	RFI-18	REG	5/26/2016	48	66	22		1	
480-100777-1	BCC Area B RFI-27_0616	RFI-27	REG	5/26/2016	48	66	22		1	
480-100777-1	BCC Area B_RFI-27 D_0616	RFI-27	FD	5/26/2016	48	66	22		1	
480-100777-1	BCC Area B RFI-28_0616	RFI-28	REG	5/26/2016	48	66	22		1	
480-100777-1	BCC Area B RFI-30_0616	RFI-30	REG	5/26/2016	48	66	22		1	
480-100777-1	TRIP BLANK_052616	QC	TB	5/26/2016	48					
480-105476-1	BCC Area B RFI-18_0916	RFI-18	REG	9/6/2016	48	66	22		1	
480-105476-1	BCC Area B RFI-18 D_0916	RFI-18	FD	9/6/2016	48	66	22		1	
480-105476-1	BCC Area B RFI-27_0916	RFI-27	REG	9/6/2016	48	66	22		1	
480-105476-1	BCC Area B RFI-28_0916	RFI-28	REG	9/6/2016	48	66	22		1	
480-105476-1	BCC Area B RFI-30_0916	RFI-30	REG	9/6/2016	48	66	22		1	
480-105476-1	TRIP BLANK_090616	QC	TB	9/6/2016	48					
480-108915-1	BCC Area B RFI-18_1116	RFI-18	REG	11/2/2016	48	66	22		1	
480-108915-1	BCC Area B RFI-27_1116	RFI-27	REG	11/2/2016	48	66	22		1	
480-108915-1	BCC Area B RFI-28_1116	RFI-28	REG	11/2/2016	48	66	22		1	
480-108915-1	BCC Area B RFI-28 D_1116	RFI-28	FD	11/2/2016	48	66	22		1	
480-108915-1	BCC Area B RFI-30_1116	RFI-30	REG	11/2/2016	48	66	22		1	
480-108915-1	TRIP BLANK_Area B_1116	QC	TB	11/2/2016	48					

Notes

REG= regular sample

FD = field duplicate

TB = trip blank

ID = identification

SVOC = semivolatile organic compound

VOC = volatile organic compound

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

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

Notes:

LCS - Laboratory Control Sample

MS/MSD - Matrix spike/ Matrix Spike Duplicate

RPD = Relative percent difference

%R = percent recovery

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

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area B RFI-18-0316	REG	480-96575-1	SW8270	Benzaldehyde	4.7	J,B,*	U	BL1	µg/L
BCC Area B RFI-18-0316	REG	480-96575-1	SW8270	Butyl benzyl phthalate	4.7	J,B	U	BL1	µg/L
BCC Area B RFI-27-0316	REG	480-96575-1	SW8270	Benzaldehyde	4.7	J,B,*	U	BL1	µg/L
BCC Area B RFI-27-0316	REG	480-96575-1	SW8270	Butyl benzyl phthalate	4.7	J,B	U	BL1	µg/L
BCC Area B RFI-28-0316	REG	480-96575-1	SW8270	Benzaldehyde	4.7	J,B,*	U	BL1	µg/L
BCC Area B RFI-28-0316	REG	480-96575-1	SW8270	Butyl benzyl phthalate	4.7	J,B	U	BL1	µg/L
BCC Area B RFI-30-0316	REG	480-96575-1	SW8270	Benzaldehyde	4.7	J,B,*	U	BL1	µg/L
BCC Area B RFI-30-0316	REG	480-96575-1	SW8270	Butyl benzyl phthalate	4.7	J,B	U	BL1	µg/L
BCC Area B RFI-30-D-0316	FD	480-96575-1	SW8270	Benzaldehyde	4.8	J,B,*	U	BL1	µg/L
BCC Area B RFI-30-D-0316	FD	480-96575-1	SW8270	Butyl benzyl phthalate	4.8	J,B	U	BL1	µg/L
BCC Area B RFI-18-0316	REG	480-96575-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-27-0316	REG	480-96575-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-28-0316	REG	480-96575-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-30-D-0316	FD	480-96575-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-30-0316	REG	480-96575-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-30-0316	REG	480-96575-1	SW6010	Chromium	0.38	F1	J	MSL,MSDL	mg/L
BCC Area B RFI-30-0316	REG	480-96575-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	MSL,MSDL	µg/L
BCC Area B RFI-30-D-0316	FD	480-96575-1	SW6010	Chromium	0.36	U	J	MSL,MSDL	mg/L
BCC Area B RFI-30-D-0316	FD	480-96575-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	MSL,MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area B RFI-28_0616	REG	480-100777-1	SW8270	Aniline	2.1	J	J	LCSL	µg/L
BCC Area B RFI-28_0616	REG	480-100777-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-30_0616	REG	480-100777-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area B RFI-30_0616	REG	480-100777-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Aniline	9.3	U	UJ	LCSL,MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Aniline	9.3	U	UJ	LCSL,MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Caprolactam	4.6	U,F1	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Aniline	1.9	J	J	LCSL,SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,SSL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Benzo(a)pyrene	4.6	U,F1,F2	UJ	MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Benzo(g,h,i)perylene	4.6	U,F1,F2	UJ	MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Benzo(k)fluoranthene	4.6	U,F1	UJ	MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Bis(2-ethylhexyl) phthalate	4.6	U,F1,F2	UJ	MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Di-n-octyl phthalate	4.6	U,F1,F2	UJ	MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Dibenz(a,h)anthracene	4.6	U,F1,F2	UJ	MSDL	µg/L
BCC Area B RFI-27_0616	REG	480-100777-1	SW8270	Indeno(1,2,3-cd)pyrene	4.6	U,F1,F2	UJ	MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Benzo(a)pyrene	4.6	U	UJ	MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Benzo(g,h,i)perylene	4.6	U	UJ	MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Benzo(k)fluoranthene	4.6	U	UJ	MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Bis(2-ethylhexyl) phthalate	4.6	U	UJ	MSDL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Di-n-octyl phthalate	4.6	U	UJ	MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Dibenz(a,h)anthracene	4.6	U	UJ	MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8270	Indeno(1,2,3-cd)pyrene	4.6	U	UJ	MSDL	µg/L
BCC Area B_RFI-27_D_0616	REG	480-100777-1	SW6010	Manganese	0.75	F1	J	MSL	mg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW6010	Manganese	0.75		J	MSL	mg/L
BCC Area B_RFI-27_D_0616	REG	480-100777-1	SW8260	Tetrachloroethene	480	F1	J	MSL,MSDL	µg/L
BCC Area B_RFI-27_D_0616	FD	480-100777-1	SW8260	Tetrachloroethene	510		J	MSL,MSDL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2,4,5-Trichlorophenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2,4,6-Trichlorophenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2,4-Dichlorophenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2,4-Dimethylphenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2,4-Dinitrophenol	9.2	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2,4-Dinitrotoluene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2,6-Dinitrotoluene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2-Chloronaphthalene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2-Chlorophenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2-Methylnaphthalene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2-Methylphenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2-Nitroaniline	9.2	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	2-Nitrophenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	3,3'-Dichlorobenzidine	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	3-Nitroaniline	9.2	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4,6-Dinitro-2-methylphenol	9.2	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4-Bromophenyl phenyl ether	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4-Chloro-3-methylphenol	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4-Chloroaniline	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4-Chlorophenyl phenyl ether	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4-Methylphenol	9.2	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4-Nitroaniline	9.2	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	4-Nitrophenol	9.2	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Acenaphthene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Acenaphthylene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Acetophenone	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Anthracene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Atrazine	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Benzaldehyde	4.6	U,*	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Benzo(a)anthracene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Benzo(a)pyrene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Benzo(b)fluoranthene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Benzo(g,h,i)perylene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Benzo(k)fluoranthene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-18_0616	REG	480-100777-1	SW8270	Biphenyl	4.6	U	UJ	SSL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	bis (2-chloroisopropyl) ether	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Bis(2-chloroethoxy)methane	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Bis(2-chloroethyl)ether	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Bis(2-ethylhexyl) phthalate	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Butyl benzyl phthalate	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Carbazole	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Chrysene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Di-n-butyl phthalate	0.31	J	J	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Di-n-octyl phthalate	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Dibenz(a,h)anthracene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Dibenzofuran	9.2	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Diethyl phthalate	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Dimethyl phthalate	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Fluoranthene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Fluorene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Hexachlorobenzene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Hexachlorobutadiene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Hexachlorocyclopentadiene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Hexachloroethane	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Indeno(1,2,3-cd)pyrene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Isophorone	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	N-Nitrosodi-n-propylamine	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	N-Nitrosodiphenylamine	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Naphthalene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Nitrobenzene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Pentachlorophenol	9.2	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Phenanthrene	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Phenol	4.6	U	UJ	SSL	µg/L
BCC Area B RFI-18_0616	REG	480-100777-1	SW8270	Pyrene	4.6	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,1,1-Trichloroethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,1,2,2-Tetrachloroethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,1,2-Trichloroethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,1-Dichloroethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,1-Dichloroethene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,2,4-Trichlorobenzene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,2-Dibromo-3-Chloropropane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,2-Dibromoethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,2-Dichlorobenzene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,2-Dichloroethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,2-Dichloropropane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,3-Dichlorobenzene	1.0	U	UJ	SSL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	1,4-Dichlorobenzene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	2-Butanone (MEK)	10	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	2-Hexanone	5.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	4-Methyl-2-pentanone (MIBK)	5.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Acetone	10	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Benzene	0.41	J	J	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Bromodichloromethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Bromoform	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Bromomethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Carbon disulfide	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Carbon tetrachloride	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Chloroethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Chloroform	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Chloromethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	cis-1,2-Dichloroethene	1.1		J	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	cis-1,3-Dichloropropene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Cyclohexane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Dibromochloromethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Ethylbenzene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Isopropylbenzene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Methyl acetate	2.5	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Methyl tert-butyl ether	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Methylcyclohexane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Methylene Chloride	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Styrene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Toluene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	trans-1,2-Dichloroethene	1.1		J	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	trans-1,3-Dichloropropene	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Trichloroethene	44		J	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Trichlorofluoromethane	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Vinyl chloride	1.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Xylenes, Total	2.0	U	UJ	SSL	µg/L
BCC Area B_RFI-27 D_0616	FD	480-100777-1	SW8260	Chlorobenzene	2.9		J	SSL	µg/L
BCC Area B RFI-18_0916	REG	480-105476-1	SW6010	Zinc	0.011		U	BL1	mg/L
BCC Area B RFI-27_0916	REG	480-105476-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area B RFI-30_0916	REG	480-105476-1	SW6010	Zinc	0.013	B	U	BL1	mg/L
BCC Area B RFI-18 D_0916	FD	480-105476-1	SW6010	Zinc	0.01	J,B	U	BL1	mg/L
BCC Area B RFI-18_0916	REG	480-105476-1	SW8260	Acetone	10	J	U	BL3	µg/L
BCC Area B RFI-18 D_0916	FD	480-105476-1	SW8260	Acetone	10	J	U	BL3	µg/L
BCC Area B RFI-18_0916	REG	480-105476-1	SW8270	bis (2-chloroisopropyl) ether	4.6	U	UJ	LCSL	µg/L
BCC Area B RFI-27_0916	REG	480-105476-1	SW8270	Aniline	9.5	U	UJ	LCSL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area B RFI-27_0916	REG	480-105476-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-27_0916	REG	480-105476-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-28_0916	REG	480-105476-1	SW8270	Aniline	2.8	J	J	LCSL	µg/L
BCC Area B RFI-28_0916	REG	480-105476-1	SW8270	Benzaldehyde	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-28_0916	REG	480-105476-1	SW8270	bis (2-chloroisopropyl) ether	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-28_0916	REG	480-105476-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-28_0916	REG	480-105476-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area B RFI-30_0916	REG	480-105476-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL	µg/L
BCC Area B RFI-30_0916	REG	480-105476-1	SW8270	bis (2-chloroisopropyl) ether	4.6	U	UJ	LCSL	µg/L
BCC Area B RFI-30_0916	REG	480-105476-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area B RFI-18 D_0916	FD	480-105476-1	SW8270	bis (2-chloroisopropyl) ether	4.6	U	UJ	LCSL	µg/L
BCC Area B RFI-18_0916	REG	480-105476-1	SW8270	Aniline	5.3	J	J	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-18_0916	REG	480-105476-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-18_0916	REG	480-105476-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-18 D_0916	FD	480-105476-1	SW8270	Aniline	2.1	J	J	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-18 D_0916	FD	480-105476-1	SW8270	Benzaldehyde	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-18 D_0916	FD	480-105476-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-18_1116	REG	480-108915-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	LCSL	µg/L
BCC Area B RFI-18_1116	REG	480-108915-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area B RFI-18_1116	REG	480-108915-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-27_1116	REG	480-108915-1	SW8260	Dichlorodifluoromethane	20	U	UJ	LCSL	µg/L
BCC Area B RFI-27_1116	REG	480-108915-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area B RFI-27_1116	REG	480-108915-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-30_1116	REG	480-108915-1	SW8260	Dichlorodifluoromethane	1.0	U	UJ	LCSL	µg/L
BCC Area B RFI-30_1116	REG	480-108915-1	SW8270	Aniline	9.4	U	UJ	LCSL	µg/L
BCC Area B RFI-30_1116	REG	480-108915-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-28 D_1116	FD	480-108915-1	SW8260	Dichlorodifluoromethane	2.0	U	UJ	LCSL	µg/L
BCC Area B RFI-28_1116	REG	480-108915-1	SW8270	Aniline	4.0	J,F2	J	LCSL,MSDL,MSDP	µg/L
BCC Area B RFI-28 D_1116	FD	480-108915-1	SW8270	Aniline	3.5	J	J	LCSL,MSDL,MSDP	µg/L
BCC Area B RFI-28_1116	REG	480-108915-1	SW8270	Caprolactam	4.6	U,F1	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-28 D_1116	FD	480-108915-1	SW8270	Caprolactam	4.6	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-28_1116	REG	480-108915-1	SW8270	bis (2-chloroisopropyl) ether	4.6	U,F2	U	MSDL	µg/L
BCC Area B RFI-28 D_1116	FD	480-108915-1	SW8270	bis (2-chloroisopropyl) ether	4.6	U	U	MSDL	µg/L
BCC Area B RFI-28 D_1116	FD	480-108915-1	SW8260	Carbon disulfide	0.5	J	J	MSH,MSDH	µg/L
BCC Area B RFI-28_1116	REG	480-108915-1	SW8270	2,4-Dinitrotoluene	4.6	U,F2,F1	UJ	MSL	µg/L
BCC Area B RFI-28 D_1116	FD	480-108915-1	SW8270	2,4-Dinitrotoluene	4.6	U	UJ	MSL	µg/L
BCC Area B RFI-28_1116	REG	480-108915-1	SW8270	Benzaldehyde	4.6	U	UJ	MSL,MSDL	µg/L
BCC Area B RFI-28 D_1116	FD	480-108915-1	SW8270	Benzaldehyde	4.6	U	UJ	MSL,MSDL	µg/L

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

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
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Notes:

- BL1= Result qualified due to laboratory blank
- BL3= Result qualified due to trip blank
- LCSL= LCS recovery less than the lower limit
- MSL= Matrix spike recovery criteria less than the lower limit
- MSH= Matrix spike recovery greater than the upper limit
- MSDH= Matrix spike duplicate recovery greater than the upper limit
- MSDL= Matrix spike duplicate recovery criteria less than the lower limit
- MSDP= Matrix Spike duplicate relative percent difference criteria exceedance
- SSL= Surrogate recovery less than lower control limit
- U= Undetected
- J= Estimated

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18-0316 RFI-18 03/14/2016 480-96575-1	BCC Area B RFI-27-0316 RFI-27 03/14/2016 480-96575-1	BCC Area B RFI-28-0316 RFI-28 03/14/2016 480-96575-1	BCC Area B RFI-30-0316 RFI-30 03/14/2016 480-96575-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.0073 J	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.017	0.015 U	0.041	0.0076 J
mg/L	SW6010	Barium	0.070	0.031	0.015	0.028
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	1010	217	211	263
mg/L	SW6010	Chromium	0.0045	0.79	0.012	0.38 J
mg/L	SW6010	Cobalt	0.011	0.010	0.0040 U	0.0019 J
mg/L	SW6010	Copper	0.010 U	0.014	0.010 U	0.014
mg/L	SW6010	Iron	9.9	4.4	0.15	3.2
mg/L	SW6010	Lead	0.0096 J	0.0049 J	0.0078 J	0.0039 J
mg/L	SW6010	Magnesium	348	94.6	20.0	98.1
mg/L	SW6010	Manganese	4.6	0.27	0.22	0.30
mg/L	SW6010	Nickel	0.023	0.92	0.0016 J	0.48
mg/L	SW6010	Potassium	2.6	2.3	6.9	1.6
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	1210	297	406	342
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0024 J	0.014	0.0017 J
mg/L	SW6010	Zinc	0.0033 J	0.0065 J	0.010 U	0.0093 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	80 U	20 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	40 U	10 U	5.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18-0316 RFI-18 03/14/2016 480-96575-1	BCC Area B RFI-27-0316 RFI-27 03/14/2016 480-96575-1	BCC Area B RFI-28-0316 RFI-28 03/14/2016 480-96575-1	BCC Area B RFI-30-0316 RFI-30 03/14/2016 480-96575-1
Units	Method	Parameter Name				
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	40 U	10 U	5.0 U
µg/L	SW8260	Acetone	10 U	80 U	20 U	10 U
µg/L	SW8260	Benzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	8.0 U	2.0 U	1.0 UJ
µg/L	SW8260	Ethylbenzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	20 U	5.0 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	520	2.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	44	2.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	8.0 U	2.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	16 U	4.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.7 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18-0316 RFI-18 03/14/2016 480-96575-1	BCC Area B RFI-27-0316 RFI-27 03/14/2016 480-96575-1	BCC Area B RFI-28-0316 RFI-28 03/14/2016 480-96575-1	BCC Area B RFI-30-0316 RFI-30 03/14/2016 480-96575-1
Units	Method	Parameter Name				
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.7 U	4.7 U	3.0 J	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.4 U	0.37 J	9.5 U	9.5 U
µg/L	SW8270	4-Nitroaniline	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	4-Nitrophenol	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	Acenaphthene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	3.5 J	9.4 U	3.7 J	9.5 U
µg/L	SW8270	Anthracene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.7 UJ	4.7 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.7 U	0.59 J	4.7 U	0.59 J

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18-0316 RFI-18 03/14/2016 480-96575-1	BCC Area B RFI-27-0316 RFI-27 03/14/2016 480-96575-1	BCC Area B RFI-28-0316 RFI-28 03/14/2016 480-96575-1	BCC Area B RFI-30-0316 RFI-30 03/14/2016 480-96575-1
Units	Method	Parameter Name				
µg/L	SW8270	Dibenz(a,h)anthracene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	Diethyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.4 U	9.4 U	9.5 U	9.5 U
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.7 U	0.84 J	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.7 U	4.7 U	4.7 U	4.7 U

Notes:

U = undetected

J = estimated value

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-30-D-0316 RFI-30 03/14/2016 480-96575-1	TRIP BLANK_031416 QC 03/14/2016 480-96575-1	BCC Area B RFI-18_0616 RFI-18 05/26/2016 480-100777-1	BCC Area B RFI-27_0616 RFI-27 05/26/2016 480-100777-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U		0.80	0.20 U
mg/L	SW6010	Antimony	0.020 U		0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.0070 J		0.015 U	0.015 U
mg/L	SW6010	Barium	0.027		0.072	0.034
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	259		500	218
mg/L	SW6010	Chromium	0.36 J		0.018	0.32
mg/L	SW6010	Cobalt	0.0019 J		0.0088	0.017
mg/L	SW6010	Copper	0.014		0.017	0.010
mg/L	SW6010	Iron	3.3		12.1	3.2
mg/L	SW6010	Lead	0.010 U		0.0071 J	0.010 U
mg/L	SW6010	Magnesium	95.6		156	97.9
mg/L	SW6010	Manganese	0.29		2.5	0.75 J
mg/L	SW6010	Nickel	0.46		0.032	0.94
mg/L	SW6010	Potassium	1.5		1.9	2.3
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	334		588	306
mg/L	SW6010	Thallium	0.020 U		0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0016 J		0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0088 J		0.019	0.010 U
mg/L	SW7470	Mercury	0.00020 U		0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U	80 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U	40 U

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

		Field Sample ID	BCC Area B RFI-30-D-0316	TRIP BLANK_031416	BCC Area B RFI-18_0616	BCC Area B RFI-27_0616
		Location	RFI-30	QC	RFI-18	RFI-27
		Sample Date	03/14/2016	03/14/2016	05/26/2016	05/26/2016
		Sample Delivery Group	480-96575-1	480-96575-1	480-100777-1	480-100777-1
Units	Method	Parameter Name				
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U	40 U
µg/L	SW8260	Acetone	10 U	10 U	10 U	80 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	2.3	1.0 U	8.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 UJ	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U	20 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U	7.3 J
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U	480 J
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U	45
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U	8.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U	16 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	2,4-Dichlorophenol	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	2,4-Dimethylphenol	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	2,4-Dinitrophenol	9.5 U		9.2 UJ	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U		4.6 UJ	4.6 U

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

Field Sample ID		BCC Area B RFI-30-D-0316	TRIP BLANK_031416	BCC Area B RFI-18_0616	BCC Area B RFI-27_0616
Location		RFI-30	QC	RFI-18	RFI-27
Sample Date		03/14/2016	03/14/2016	05/26/2016	05/26/2016
Sample Delivery Group		480-96575-1	480-96575-1	480-100777-1	480-100777-1
Units	Method	Parameter Name			
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	2-Chlorophenol	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	2-Methylphenol	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	2-Nitroaniline	9.5 U	9.2 UJ	9.3 U
µg/L	SW8270	2-Nitrophenol	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	3-Nitroaniline	9.5 U	9.2 UJ	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.5 U	9.2 UJ	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	4-Chloroaniline	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	4-Methylphenol	9.5 U	9.2 UJ	9.3 U
µg/L	SW8270	4-Nitroaniline	9.5 U	9.2 UJ	9.3 U
µg/L	SW8270	4-Nitrophenol	9.5 U	9.2 UJ	9.3 U
µg/L	SW8270	Acenaphthene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Acenaphthylene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Acetophenone	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Aniline	9.5 U	1.9 J	9.3 UJ
µg/L	SW8270	Anthracene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Atrazine	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Benzaldehyde	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.6 UJ	4.6 UJ
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.6 UJ	4.6 UJ
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.6 UJ	4.6 UJ
µg/L	SW8270	Biphenyl	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.6 UJ	4.6 UJ
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Caprolactam	4.8 UJ	4.6 UJ	4.6 UJ
µg/L	SW8270	Carbazole	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Chrysene	4.8 U	4.6 UJ	4.6 U
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	0.31 J	4.6 U
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.6 UJ	4.6 UJ

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-30-D-0316 RFI-30 03/14/2016 480-96575-1	TRIP BLANK_031416 QC 03/14/2016 480-96575-1	BCC Area B RFI-18_0616 RFI-18 05/26/2016 480-100777-1	BCC Area B RFI-27_0616 RFI-27 05/26/2016 480-100777-1
Units	Method	Parameter Name				
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U		4.6 UJ	4.6 UJ
µg/L	SW8270	Dibenzofuran	9.5 U		9.2 UJ	9.3 U
µg/L	SW8270	Diethyl phthalate	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Dimethyl phthalate	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Fluoranthene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Fluorene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Hexachlorobenzene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Hexachlorobutadiene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Hexachloroethane	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U		4.6 UJ	4.6 UJ
µg/L	SW8270	Isophorone	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Naphthalene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Nitrobenzene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Pentachlorophenol	9.5 U		9.2 UJ	9.3 U
µg/L	SW8270	Phenanthrene	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Phenol	4.8 U		4.6 UJ	4.6 U
µg/L	SW8270	Pyrene	4.8 U		4.6 UJ	4.6 U

Notes:

U = undetected

J = estimated value

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-27 D_0616 RFI-27 05/26/2016 480-100777-1	BCC Area B RFI-28_0616 RFI-28 05/26/2016 480-100777-1	BCC Area B RFI-30_0616 RFI-30 05/26/2016 480-100777-1	TRIP BLANK_052616 QC 05/26/2016 480-100777-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.20	0.11 J	
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.015 U	0.024	0.015 U	
mg/L	SW6010	Barium	0.033	0.020	0.023	
mg/L	SW6010	Beryllium	0.0020 U	0.00084 J	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	0.00088 J	0.0020 U	
mg/L	SW6010	Calcium	214	99.7	131	
mg/L	SW6010	Chromium	0.33	0.013	0.045	
mg/L	SW6010	Cobalt	0.017	0.0012 J	0.021	
mg/L	SW6010	Copper	0.011	0.016	0.012	
mg/L	SW6010	Iron	3.3	0.83	0.94	
mg/L	SW6010	Lead	0.010 U	0.0059 J	0.010 U	
mg/L	SW6010	Magnesium	96.9	11.9	40.7	
mg/L	SW6010	Manganese	0.75 J	0.12	2.7	
mg/L	SW6010	Nickel	0.93	0.015	0.27	
mg/L	SW6010	Potassium	2.2	5.1	1.6	
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	300	261	136	
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	0.010	0.0050 U	
mg/L	SW6010	Zinc	0.010 U	0.0096 J	0.0092 J	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 UJ	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 UJ	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 UJ	5.0 U	5.0 U	5.0 U

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

Field Sample ID		BCC Area B_RFI-27 D_0616	BCC Area B RFI-28_0616	BCC Area B RFI-30_0616	TRIP BLANK_052616
Location		RFI-27	RFI-28	RFI-30	QC
Sample Date		05/26/2016	05/26/2016	05/26/2016	05/26/2016
Sample Delivery Group		480-100777-1	480-100777-1	480-100777-1	480-100777-1
Units	Method	Parameter Name			
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 UJ	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 UJ	3.4 J	10 U
µg/L	SW8260	Benzene	0.41 J	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 UJ	0.52 J	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	2.9 J	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.1 J	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 UJ	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	510 J	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.1 J	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	44 J	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 UJ	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	4.7 U	4.7 U

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

Field Sample ID		BCC Area B_RFI-27 D_0616	BCC Area B RFI-28_0616	BCC Area B RFI-30_0616	TRIP BLANK_052616
Location		RFI-27	RFI-28	RFI-30	QC
Sample Date		05/26/2016	05/26/2016	05/26/2016	05/26/2016
Sample Delivery Group		480-100777-1	480-100777-1	480-100777-1	480-100777-1
Units	Method	Parameter Name			
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.3 U	9.4 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.6 U	2.3 J	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.3 U	9.4 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.3 U	9.4 U	9.3 U
µg/L	SW8270	Acenaphthene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	9.3 UJ	2.1 J	9.3 UJ
µg/L	SW8270	Anthracene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.6 U	0.32 J	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.6 UJ	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 UJ	4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.6 UJ	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	4.6 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 UJ	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.6 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	0.42 J	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.6 UJ	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B_RFI-27 D_0616 RFI-27 05/26/2016 480-100777-1	BCC Area B_RFI-28_0616 RFI-28 05/26/2016 480-100777-1	BCC Area B_RFI-30_0616 RFI-30 05/26/2016 480-100777-1	TRIP BLANK_052616 QC 05/26/2016 480-100777-1
Units	Method	Parameter Name				
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 UJ	4.7 U	4.7 U	
µg/L	SW8270	Dibenzofuran	9.3 U	9.4 U	9.3 U	
µg/L	SW8270	Diethyl phthalate	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Fluoranthene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Fluorene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Hexachloroethane	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 UJ	4.7 U	4.7 U	
µg/L	SW8270	Isophorone	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Naphthalene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Nitrobenzene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Pentachlorophenol	9.3 U	9.4 U	9.3 U	
µg/L	SW8270	Phenanthrene	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Phenol	4.6 U	4.7 U	4.7 U	
µg/L	SW8270	Pyrene	4.6 U	4.7 U	4.7 U	

Notes:

U = undetected

J = estimated value

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-18 D_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-27_0916 RFI-27 09/06/2016 480-105476-1	BCC Area B RFI-28_0916 RFI-28 09/06/2016 480-105476-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.26	0.20	0.20 U	0.063 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.011 J	0.014 J	0.015 U	0.053
mg/L	SW6010	Barium	0.091	0.091	0.036	0.033
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	652	617	223	168
mg/L	SW6010	Chromium	0.0078	0.0067	0.29	0.0067
mg/L	SW6010	Cobalt	0.0037 J	0.0029 J	0.0085	0.0040 U
mg/L	SW6010	Copper	0.0067 J	0.0037 J	0.0090 J	0.0019 J
mg/L	SW6010	Iron	19.6	18.8	2.2	0.19
mg/L	SW6010	Lead	0.0047 J	0.0062 J	0.010 U	0.010 U
mg/L	SW6010	Magnesium	210	200	101	15.9
mg/L	SW6010	Manganese	3.2	2.9	0.72	0.16
mg/L	SW6010	Nickel	0.0066 J	0.0058 J	0.27	0.0034 J
mg/L	SW6010	Potassium	2.2	2.2	2.3	7.3
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	791	751	298	429
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	0.0016 J	0.014
mg/L	SW6010	Zinc	0.011 U	0.010 U	0.010 U	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	8.0 U	2.2
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	8.0 U	1.3
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	80 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	40 U	5.0 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-18 D_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-27_0916 RFI-27 09/06/2016 480-105476-1	BCC Area B RFI-28_0916 RFI-28 09/06/2016 480-105476-1
Units	Method	Parameter Name				
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	40 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	80 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	8.0 U	0.95 J
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	6.5 J	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	20 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	820	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	73	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	8.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	16 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	0.64 J	0.55 J	4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	4.6 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-18 D_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-27_0916 RFI-27 09/06/2016 480-105476-1	BCC Area B RFI-28_0916 RFI-28 09/06/2016 480-105476-1
Units	Method	Parameter Name				
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.6 U	4.7 U	1.0 J
µg/L	SW8270	3-Nitroaniline	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.6 U	4.6 U	4.7 U	3.2 J
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	4-Nitrophenol	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	Acenaphthene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Aniline	5.3 J	2.1 J	9.5 UJ	2.8 J
µg/L	SW8270	Anthracene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.6 UJ	4.6 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Biphenyl	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 UJ	4.6 UJ	4.7 U	4.7 UJ
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.6 UJ	4.6 UJ	4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Chrysene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	4.6 U	4.7 U	4.7 U

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-18_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-18 D_0916 RFI-18 09/06/2016 480-105476-1	BCC Area B RFI-27_0916 RFI-27 09/06/2016 480-105476-1	BCC Area B RFI-28_0916 RFI-28 09/06/2016 480-105476-1
Units	Method	Parameter Name				
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.2 U	9.2 U	9.5 U	9.3 U
µg/L	SW8270	Phenanthrene	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.6 U	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.6 U	4.6 U	4.7 U	4.7 U

Notes:

U = undetected

J = estimated value

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

Field Sample ID		BCC Area B RFI-30_0916	TRIP BLANK_090616	BCC Area B RFI-18_1116	BCC Area B RFI-27_1116
Location		RFI-30	QC	RFI-18	RFI-27
Sample Date		09/06/2016	09/06/2016	11/02/2016	11/02/2016
Sample Delivery Group		480-105476-1	480-105476-1	480-108915-1	480-108915-1
Units	Method	Parameter Name			
mg/L	SW6010	Aluminum	0.23	0.57	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.015 U	0.0073 J	0.015 U
mg/L	SW6010	Barium	0.042	0.089	0.035
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0011 J	0.0020 U
mg/L	SW6010	Calcium	246	886	216
mg/L	SW6010	Chromium	0.069	0.0099	0.37
mg/L	SW6010	Cobalt	0.019	0.0094	0.0069
mg/L	SW6010	Copper	0.013	0.010 U	0.0050 J
mg/L	SW6010	Iron	4.7	23.9	1.5
mg/L	SW6010	Lead	0.010 U	0.0033 J	0.010 U
mg/L	SW6010	Magnesium	90.4	284	91.7
mg/L	SW6010	Manganese	1.3	4.9	0.63
mg/L	SW6010	Nickel	0.10	0.015	0.19
mg/L	SW6010	Potassium	1.7	3.0	2.4
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	338	1090	295
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	0.0073 J	0.0037 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	20 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	20 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	20 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	20 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	20 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	20 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	200 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	100 U

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

Field Sample ID		BCC Area B RFI-30_0916	TRIP BLANK_090616	BCC Area B RFI-18_1116	BCC Area B RFI-27_1116	
Location		RFI-30	QC	RFI-18	RFI-27	
Sample Date		09/06/2016	09/06/2016	11/02/2016	11/02/2016	
Sample Delivery Group		480-105476-1	480-105476-1	480-108915-1	480-108915-1	
Units	Method	Parameter Name				
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U	100 U
µg/L	SW8260	Acetone	10 U	3.1 J	10 U	200 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 UJ	20 UJ
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U	50 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	0.24 J	20 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U	840
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U	82
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U	20 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U	40 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.3 U		9.4 U	9.4 U
µg/L	SW8270	2,4-Dinitrotoluene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U		4.7 U	4.7 U

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

		Field Sample ID	BCC Area B RFI-30_0916	TRIP BLANK_090616	BCC Area B RFI-18_1116	BCC Area B RFI-27_1116
		Location	RFI-30	QC	RFI-18	RFI-27
		Sample Date	09/06/2016	09/06/2016	11/02/2016	11/02/2016
		Sample Delivery Group	480-105476-1	480-105476-1	480-108915-1	480-108915-1
Units	Method	Parameter Name				
µg/L	SW8270	2-Chloronaphthalene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.3 U		9.4 U	9.4 U
µg/L	SW8270	2-Nitrophenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U		4.7 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.3 U		9.4 U	9.4 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.3 U		9.4 U	9.4 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U		4.7 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U		4.7 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.6 U		4.7 U	4.7 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U		4.7 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.3 U		9.4 U	9.4 U
µg/L	SW8270	4-Nitroaniline	9.3 U		9.4 U	9.4 U
µg/L	SW8270	4-Nitrophenol	9.3 U		9.4 U	9.4 U
µg/L	SW8270	Acenaphthene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Acetophenone	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Aniline	9.3 UJ		9.4 UJ	9.4 UJ
µg/L	SW8270	Anthracene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Atrazine	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.6 UJ		4.7 U	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Biphenyl	4.6 U		4.7 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 UJ		4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Caprolactam	4.6 UJ		4.7 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Chrysene	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.6 U		4.7 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.6 U		4.7 U	4.7 U

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

Field Sample ID		BCC Area B RFI-30_0916	TRIP BLANK_090616	BCC Area B RFI-18_1116	BCC Area B RFI-27_1116
Location		RFI-30	QC	RFI-18	RFI-27
Sample Date		09/06/2016	09/06/2016	11/02/2016	11/02/2016
Sample Delivery Group		480-105476-1	480-105476-1	480-108915-1	480-108915-1
Units	Method	Parameter Name			
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.3 U	9.4 U	9.4 U
µg/L	SW8270	Diethyl phthalate	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Fluoranthene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Fluorene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Isophorone	4.6 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	4.7 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Naphthalene	4.6 U	0.76 J	4.7 U
µg/L	SW8270	Nitrobenzene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.3 U	9.4 U	9.4 U
µg/L	SW8270	Phenanthrene	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Phenol	4.6 U	4.7 U	4.7 U
µg/L	SW8270	Pyrene	4.6 U	4.7 U	4.7 U

Notes:

U = undetected

J = estimated value

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

Field Sample ID			BCC Area B RFI-28_1116	BCC Area B RFI-28 D_1116	BCC Area B RFI-30_1116	TRIP BLANK_Area B_1116
Location			RFI-28	RFI-28	RFI-30	QC
Sample Date			11/02/2016	11/02/2016	11/02/2016	11/02/2016
Sample Delivery Group			480-108915-1	480-108915-1	480-108915-1	480-108915-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.22	
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.047	0.047	0.015 U	
mg/L	SW6010	Barium	0.035	0.035	0.037	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.00063 J	
mg/L	SW6010	Calcium	161	160	235	
mg/L	SW6010	Chromium	0.0050	0.0050	0.067	
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0091	
mg/L	SW6010	Copper	0.010 U	0.010 U	0.017	
mg/L	SW6010	Iron	0.084	0.087	2.8	
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U	
mg/L	SW6010	Magnesium	14.5	14.4	83.7	
mg/L	SW6010	Manganese	0.16	0.16	0.92	
mg/L	SW6010	Nickel	0.0015 J	0.0020 J	0.065	
mg/L	SW6010	Potassium	7.4	7.3	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	360	356	336	
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.015	0.014	0.0050 U	
mg/L	SW6010	Zinc	0.0024 J	0.0027 J	0.012	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	4.1	3.7	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	3.4	2.9	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	20 U	20 U	10 U	10 U
µg/L	SW8260	2-Hexanone	10 U	10 U	5.0 U	5.0 U

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

Field Sample ID			BCC Area B RFI-28_1116	BCC Area B RFI-28 D_1116	BCC Area B RFI-30_1116	TRIP BLANK_Area B_1116
Location			RFI-28	RFI-28	RFI-30	QC
Sample Date			11/02/2016	11/02/2016	11/02/2016	11/02/2016
Sample Delivery Group			480-108915-1	480-108915-1	480-108915-1	480-108915-1
Units	Method	Parameter Name				
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	10 U	10 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	20 U	20 U	10 U	10 U
µg/L	SW8260	Benzene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	2.0 U	0.50 J	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	2.0 U	2.0 UJ	1.0 UJ	1.0 U
µg/L	SW8260	Ethylbenzene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	5.0 U	5.0 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	2.0 U	2.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	4.0 U	4.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2,4-Dichlorophenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2,4-Dimethylphenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2,4-Dinitrophenol	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.6 UJ	4.6 UJ	4.7 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.6 U	4.6 U	4.7 U	

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

Field Sample ID			BCC Area B RFI-28_1116	BCC Area B RFI-28 D_1116	BCC Area B RFI-30_1116	TRIP BLANK_Area B_1116
Location			RFI-28	RFI-28	RFI-30	QC
Sample Date			11/02/2016	11/02/2016	11/02/2016	11/02/2016
Sample Delivery Group			480-108915-1	480-108915-1	480-108915-1	480-108915-1
Units	Method	Parameter Name				
µg/L	SW8270	2-Chloronaphthalene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2-Chlorophenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2-Methylnaphthalene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2-Methylphenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	2-Nitroaniline	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	2-Nitrophenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	3-Nitroaniline	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	4-Chloroaniline	4.6	3.3 J	4.7 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	4-Methylphenol	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	4-Nitroaniline	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	4-Nitrophenol	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	Acenaphthene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Acenaphthylene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Acetophenone	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Aniline	4.0 J	3.5 J	9.4 UJ	
µg/L	SW8270	Anthracene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Atrazine	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Benzaldehyde	4.6 UJ	4.6 UJ	4.7 U	
µg/L	SW8270	Benzo(a)anthracene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Benzo(a)pyrene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Biphenyl	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Butyl benzyl phthalate	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Caprolactam	4.6 UJ	4.6 UJ	4.7 UJ	
µg/L	SW8270	Carbazole	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Chrysene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Di-n-butyl phthalate	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Di-n-octyl phthalate	4.6 U	4.6 U	4.7 U	

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

Field Sample ID Location Sample Date Sample Delivery Group			BCC Area B RFI-28_1116 RFI-28 11/02/2016 480-108915-1	BCC Area B RFI-28 D_1116 RFI-28 11/02/2016 480-108915-1	BCC Area B RFI-30_1116 RFI-30 11/02/2016 480-108915-1	TRIP BLANK Area B_1116 QC 11/02/2016 480-108915-1
Units	Method	Parameter Name				
µg/L	SW8270	Dibenz(a,h)anthracene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Dibenzofuran	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	Diethyl phthalate	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Dimethyl phthalate	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Fluoranthene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Fluorene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Hexachlorobenzene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Hexachlorobutadiene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Hexachloroethane	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Isophorone	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	N-Nitrosodiphenylamine	2.5 J	4.6 U	4.7 U	
µg/L	SW8270	Naphthalene	0.94 J	1.0 J	4.7 U	
µg/L	SW8270	Nitrobenzene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Pentachlorophenol	9.2 U	9.3 U	9.4 U	
µg/L	SW8270	Phenanthrene	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Phenol	4.6 U	4.6 U	4.7 U	
µg/L	SW8270	Pyrene	4.6 U	4.6 U	4.7 U	

Notes:

U = undetected

J = estimated value

ATTACHMENT H
GROUNDWATER ANALYTICAL REPORTS

ATTACHMENT H-1
AREA A 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: 480-101034-1

Client Project/Site: 37745-Buffalo Color Area A Wells

Sampling Event: 37745-Buffalo Color Area A

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

6/14/2016 1:45:01 PM

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Job ID: 480-101034-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-101034-1

Comments

No additional comments.

Receipt

The samples were received on 6/2/2016 4:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.7° C and 4.6° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area A ICM-101_0616 (480-101034-1), BCC Area A RFI-26_0616 (480-101034-2), BCC Area A EW-1_0616 (480-101034-3), BCC Area A EW-1 MS_0616 (480-101034-3[MS]), BCC Area A EW-1 MSD_0616 (480-101034-3[MSD]), BCC Area A EW-2_0616 (480-101034-4), BCC Area A EW-3A_0616 (480-101034-5), BCC Area A EW-4_0616 (480-101034-6), BCC Area A EW-5_0616 (480-101034-7) and BCC Area A EW-1 D_0616 (480-101034-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: BCC Area A ICM-101_0616 (480-101034-1) and BCC Area A EW-4_0616 (480-101034-6). The sample was analyzed within 7 days per EPA recommendation.

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

GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-305097 recovered outside acceptance criteria, low biased, for Benzaldehyde. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-305430 recovered outside acceptance criteria, low biased, for 3,3'-Dichlorobenzidine and Benzaldehyde. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data has been reported.

Method(s) 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area A ICM-101_0616 (480-101034-1), BCC Area A EW-2_0616 (480-101034-4), BCC Area A EW-3A_0616 (480-101034-5), BCC Area A EW-4_0616 (480-101034-6). and BCC Area A EW-5_0616 (480-101034-7). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples were diluted due to the abundance of non-target analytes: : BCC Area A ICM-101_0616 (480-101034-1), BCC Area A RFI-26_0616 (480-101034-2), BCC Area A EW-1_0616 (480-101034-3), BCC Area A EW-1 MS_0616 (480-101034-3[MS]), BCC Area A EW-1 MSD_0616 (480-101034-3[MSD]), BCC Area A EW-2_0616 (480-101034-4), BCC Area A EW-3A_0616 (480-101034-5), BCC Area A EW-5_0616 (480-101034-7) and BCC Area A EW-1 D_0616 (480-101034-8). Elevated reporting limits (RLs) are provided. Because of these dilutions, 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 abundance of non-target analytes: BCC Area A EW-1 MS_0616 (480-101034-3[MS]) and BCC Area A EW-1 MSD_0616 (480-101034-3[MSD]). As such, surrogate and MS/MSD spike recoveries were diluted out and are not reported.

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: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: BCC Area A

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Job ID: 480-101034-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

ICM-101_0616 (480-101034-1). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3510C: The following sample formed emulsions during the extraction procedure: BCC Area A ICM-101_0616 (480-101034-1). The emulsions were broken up using the centrifuge.

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

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Detection Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A ICM-101_0616

Lab Sample ID: 480-101034-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	170		100	79	ug/L	100		8260C	Total/NA
1,4-Dichlorobenzene	560		100	84	ug/L	100		8260C	Total/NA
Benzene	4500		100	41	ug/L	100		8260C	Total/NA
Chlorobenzene - DL	20000		400	300	ug/L	400		8260C	Total/NA
4-Chloroaniline	2800		2500	300	ug/L	100		8270D	Total/NA
Aniline	19000		5000	310	ug/L	100		8270D	Total/NA
Aluminum	1.9		0.20	0.060	mg/L		1	6010C	Total/NA
Arsenic	0.050		0.015	0.0056	mg/L		1	6010C	Total/NA
Barium	0.054	B	0.0020	0.00070	mg/L		1	6010C	Total/NA
Beryllium	0.0012	J	0.0020	0.00030	mg/L		1	6010C	Total/NA
Calcium	51.2		0.50	0.10	mg/L		1	6010C	Total/NA
Chromium	0.066		0.0040	0.0010	mg/L		1	6010C	Total/NA
Cobalt	0.00096	J	0.0040	0.00063	mg/L		1	6010C	Total/NA
Copper	0.010		0.010	0.0016	mg/L		1	6010C	Total/NA
Iron	7.9	B	0.050	0.019	mg/L		1	6010C	Total/NA
Lead	0.0079	J	0.010	0.0030	mg/L		1	6010C	Total/NA
Magnesium	9.1		0.20	0.043	mg/L		1	6010C	Total/NA
Manganese	0.40	B	0.0030	0.00040	mg/L		1	6010C	Total/NA
Nickel	0.010		0.010	0.0013	mg/L		1	6010C	Total/NA
Potassium	13.3		0.50	0.10	mg/L		1	6010C	Total/NA
Sodium	567		1.0	0.32	mg/L		1	6010C	Total/NA
Vanadium	0.099		0.0050	0.0015	mg/L		1	6010C	Total/NA
Zinc	0.053	B	0.010	0.0015	mg/L		1	6010C	Total/NA
Mercury	0.00022		0.00020	0.00012	mg/L		1	7470A	Total/NA

Client Sample ID: BCC Area A RFI-26_0616

Lab Sample ID: 480-101034-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	4.1		2.0	1.7	ug/L	2		8260C	Total/NA
Benzene	16		2.0	0.82	ug/L	2		8260C	Total/NA
Chlorobenzene	120		2.0	1.5	ug/L	2		8260C	Total/NA
Arsenic	0.014	J	0.015	0.0056	mg/L		1	6010C	Total/NA
Barium	0.048	B	0.0020	0.00070	mg/L		1	6010C	Total/NA
Calcium	40.0		0.50	0.10	mg/L		1	6010C	Total/NA
Chromium	0.0011	J	0.0040	0.0010	mg/L		1	6010C	Total/NA
Copper	0.0047	J	0.010	0.0016	mg/L		1	6010C	Total/NA
Iron	0.58	B	0.050	0.019	mg/L		1	6010C	Total/NA
Magnesium	9.0		0.20	0.043	mg/L		1	6010C	Total/NA
Manganese	0.14	B	0.0030	0.00040	mg/L		1	6010C	Total/NA
Nickel	0.0027	J	0.010	0.0013	mg/L		1	6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L		1	6010C	Total/NA
Sodium	15.3		1.0	0.32	mg/L		1	6010C	Total/NA
Zinc	0.0062	J B	0.010	0.0015	mg/L		1	6010C	Total/NA

Client Sample ID: BCC Area A EW-1_0616

Lab Sample ID: 480-101034-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	420		200	160	ug/L	200		8260C	Total/NA
1,3-Dichlorobenzene	170	J	200	160	ug/L	200		8260C	Total/NA
1,4-Dichlorobenzene	1400		200	170	ug/L	200		8260C	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 Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1_0616 (Continued)

Lab Sample ID: 480-101034-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	130	J	200	82	ug/L	200		8260C	Total/NA
Chlorobenzene	14000	F1	200	150	ug/L	200		8260C	Total/NA
2-Chlorophenol	22	J F1	91	9.7	ug/L	20		8270D	Total/NA
4-Chloroaniline	33	J F1 F2	91	11	ug/L	20		8270D	Total/NA
Aniline	14	J	180	11	ug/L	20		8270D	Total/NA
N-Nitrosodiphenylamine	60	J F2	91	9.3	ug/L	20		8270D	Total/NA
Arsenic	0.027		0.015	0.0056	mg/L		1	6010C	Total/NA
Barium	0.057	B	0.0020	0.00070	mg/L		1	6010C	Total/NA
Calcium	162		0.50	0.10	mg/L		1	6010C	Total/NA
Chromium	0.0021	J	0.0040	0.0010	mg/L		1	6010C	Total/NA
Copper	0.17	F1	0.010	0.0016	mg/L		1	6010C	Total/NA
Iron	6.2	B	0.050	0.019	mg/L		1	6010C	Total/NA
Lead	0.0093	J	0.010	0.0030	mg/L		1	6010C	Total/NA
Magnesium	18.5		0.20	0.043	mg/L		1	6010C	Total/NA
Manganese	0.62	B	0.0030	0.00040	mg/L		1	6010C	Total/NA
Potassium	32.7		0.50	0.10	mg/L		1	6010C	Total/NA
Sodium	144		1.0	0.32	mg/L		1	6010C	Total/NA
Zinc	0.061	F1 B	0.010	0.0015	mg/L		1	6010C	Total/NA

Client Sample ID: BCC Area A EW-2_0616

Lab Sample ID: 480-101034-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	240		100	41	ug/L	100		8260C	Total/NA
Chlorobenzene	5800		100	75	ug/L	100		8260C	Total/NA
4-Chloroaniline	120		46	5.4	ug/L	10		8270D	Total/NA
Acenaphthene	5.2	J	46	3.8	ug/L	10		8270D	Total/NA
Aniline	6.9	J	92	5.6	ug/L	10		8270D	Total/NA
Naphthalene	120		46	7.0	ug/L	10		8270D	Total/NA
N-Nitrosodiphenylamine	29	J	46	4.7	ug/L	10		8270D	Total/NA
Arsenic	0.23		0.015	0.0056	mg/L		1	6010C	Total/NA
Barium	0.052	B	0.0020	0.00070	mg/L		1	6010C	Total/NA
Calcium	67.2		0.50	0.10	mg/L		1	6010C	Total/NA
Chromium	0.0082		0.0040	0.0010	mg/L		1	6010C	Total/NA
Copper	0.0043	J	0.010	0.0016	mg/L		1	6010C	Total/NA
Iron	0.42	B	0.050	0.019	mg/L		1	6010C	Total/NA
Lead	0.0053	J	0.010	0.0030	mg/L		1	6010C	Total/NA
Magnesium	9.4		0.20	0.043	mg/L		1	6010C	Total/NA
Manganese	0.24	B	0.0030	0.00040	mg/L		1	6010C	Total/NA
Nickel	0.0048	J	0.010	0.0013	mg/L		1	6010C	Total/NA
Potassium	93.5		0.50	0.10	mg/L		1	6010C	Total/NA
Sodium	235		1.0	0.32	mg/L		1	6010C	Total/NA
Vanadium	0.014		0.0050	0.0015	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 A EW-3A_0616

Lab Sample ID: 480-101034-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	870		50	21	ug/L	50		8260C	Total/NA
Chlorobenzene	3900		50	38	ug/L	50		8260C	Total/NA
4-Chloroaniline	330	J	470	55	ug/L	100		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 Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-3A_0616 (Continued)

Lab Sample ID: 480-101034-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	1400		930	57	ug/L	100		8270D	Total/NA
Arsenic	0.086		0.015	0.0056	mg/L		1	6010C	Total/NA
Barium	0.051	B	0.0020	0.00070	mg/L		1	6010C	Total/NA
Calcium	32.3		0.50	0.10	mg/L		1	6010C	Total/NA
Chromium	0.0050		0.0040	0.0010	mg/L		1	6010C	Total/NA
Copper	0.0018	J	0.010	0.0016	mg/L		1	6010C	Total/NA
Iron	0.48	B	0.050	0.019	mg/L		1	6010C	Total/NA
Lead	0.0095	J	0.010	0.0030	mg/L		1	6010C	Total/NA
Magnesium	13.6		0.20	0.043	mg/L		1	6010C	Total/NA
Manganese	0.060	B	0.0030	0.00040	mg/L		1	6010C	Total/NA
Potassium	173		0.50	0.10	mg/L		1	6010C	Total/NA
Sodium	411		1.0	0.32	mg/L		1	6010C	Total/NA
Vanadium	0.013		0.0050	0.0015	mg/L		1	6010C	Total/NA
Zinc	0.0068	J B	0.010	0.0015	mg/L		1	6010C	Total/NA

Client Sample ID: BCC Area A EW-4_0616

Lab Sample ID: 480-101034-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	160		5.0	2.1	ug/L		5	8260C	Total/NA
Carbon disulfide	5.1		5.0	0.95	ug/L		5	8260C	Total/NA
Chlorobenzene	55		5.0	3.8	ug/L		5	8260C	Total/NA
Ethylbenzene	9.0		5.0	3.7	ug/L		5	8260C	Total/NA
Methylcyclohexane	0.97	J	5.0	0.80	ug/L		5	8260C	Total/NA
Toluene	2.8	J	5.0	2.6	ug/L		5	8260C	Total/NA
Xylenes, Total	15		10	3.3	ug/L		5	8260C	Total/NA
Aniline	4600		2300	140	ug/L	250		8270D	Total/NA
Naphthalene	630	J	1200	180	ug/L	250		8270D	Total/NA
Aluminum	0.15	J	0.20	0.060	mg/L		1	6010C	Total/NA
Arsenic	0.0086	J	0.015	0.0056	mg/L		1	6010C	Total/NA
Barium	0.0093	B	0.0020	0.00070	mg/L		1	6010C	Total/NA
Calcium	7.5		0.50	0.10	mg/L		1	6010C	Total/NA
Chromium	0.013		0.0040	0.0010	mg/L		1	6010C	Total/NA
Copper	0.0063	J	0.010	0.0016	mg/L		1	6010C	Total/NA
Iron	0.61	B	0.050	0.019	mg/L		1	6010C	Total/NA
Lead	0.043		0.010	0.0030	mg/L		1	6010C	Total/NA
Magnesium	12.4		0.20	0.043	mg/L		1	6010C	Total/NA
Manganese	0.029	B	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	288		0.50	0.10	mg/L		1	6010C	Total/NA
Sodium	820		1.0	0.32	mg/L		1	6010C	Total/NA
Vanadium	0.025		0.0050	0.0015	mg/L		1	6010C	Total/NA
Zinc	0.0072	J B	0.010	0.0015	mg/L		1	6010C	Total/NA
Mercury	0.00024		0.00020	0.00012	mg/L		1	7470A	Total/NA

Client Sample ID: BCC Area A EW-5_0616

Lab Sample ID: 480-101034-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.1		2.0	0.82	ug/L		2	8260C	Total/NA
cis-1,2-Dichloroethene	4.3		2.0	1.6	ug/L		2	8260C	Total/NA
Ethylbenzene	40		2.0	1.5	ug/L		2	8260C	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 Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-5_0616 (Continued)

Lab Sample ID: 480-101034-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	8.6		2.0	1.6	ug/L	2		8260C	Total/NA
Methylcyclohexane	0.34	J	2.0	0.32	ug/L	2		8260C	Total/NA
Toluene	3.8		2.0	1.0	ug/L	2		8260C	Total/NA
Vinyl chloride	2.3		2.0	1.8	ug/L	2		8260C	Total/NA
Xylenes, Total	200		4.0	1.3	ug/L	2		8260C	Total/NA
2-Methylnaphthalene	84	J	93	11	ug/L	20		8270D	Total/NA
Acenaphthene	17	J	93	7.6	ug/L	20		8270D	Total/NA
Dibenzofuran	16	J	190	9.5	ug/L	20		8270D	Total/NA
Fluorene	10	J	93	6.7	ug/L	20		8270D	Total/NA
Naphthalene	350		93	14	ug/L	20		8270D	Total/NA
Phenanthrene	18	J	93	8.2	ug/L	20		8270D	Total/NA
Arsenic	0.016		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.072	B	0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	274		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.037		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	25.0	B	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0064	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	49.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	3.3	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0021	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	62.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	672		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.074	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area A EW-1 D_0616

Lab Sample ID: 480-101034-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	440		200	160	ug/L	200		8260C	Total/NA
1,3-Dichlorobenzene	170	J	200	160	ug/L	200		8260C	Total/NA
1,4-Dichlorobenzene	1500		200	170	ug/L	200		8260C	Total/NA
Benzene	130	J	200	82	ug/L	200		8260C	Total/NA
Chlorobenzene	14000		200	150	ug/L	200		8260C	Total/NA
2-Chlorophenol	24	J	93	9.8	ug/L	20		8270D	Total/NA
4-Chloroaniline	36	J	93	11	ug/L	20		8270D	Total/NA
Aniline	12	J	190	11	ug/L	20		8270D	Total/NA
N-Nitrosodiphenylamine	62	J	93	9.5	ug/L	20		8270D	Total/NA
Arsenic	0.024		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.057	B	0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	162		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0026	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.065		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	6.3	B	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.010		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	18.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.63	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	33.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	145		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	0.059	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: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-101034-9

No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A ICM-101_0616

Lab Sample ID: 480-101034-1

Date Collected: 06/02/16 12:25

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			06/08/16 23:44	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			06/08/16 23:44	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			06/08/16 23:44	100
1,1,2-Trichloroethane	ND		100	23	ug/L			06/08/16 23:44	100
1,1-Dichloroethane	ND		100	38	ug/L			06/08/16 23:44	100
1,1-Dichloroethene	ND		100	29	ug/L			06/08/16 23:44	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			06/08/16 23:44	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			06/08/16 23:44	100
1,2-Dibromoethane	ND		100	73	ug/L			06/08/16 23:44	100
1,2-Dichlorobenzene	170		100	79	ug/L			06/08/16 23:44	100
1,2-Dichloroethane	ND		100	21	ug/L			06/08/16 23:44	100
1,2-Dichloropropane	ND		100	72	ug/L			06/08/16 23:44	100
1,3-Dichlorobenzene	ND		100	78	ug/L			06/08/16 23:44	100
1,4-Dichlorobenzene	560		100	84	ug/L			06/08/16 23:44	100
2-Butanone (MEK)	ND		1000	130	ug/L			06/08/16 23:44	100
2-Hexanone	ND		500	120	ug/L			06/08/16 23:44	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			06/08/16 23:44	100
Acetone	ND		1000	300	ug/L			06/08/16 23:44	100
Benzene	4500		100	41	ug/L			06/08/16 23:44	100
Bromodichloromethane	ND		100	39	ug/L			06/08/16 23:44	100
Bromoform	ND		100	26	ug/L			06/08/16 23:44	100
Bromomethane	ND		100	69	ug/L			06/08/16 23:44	100
Carbon disulfide	ND		100	19	ug/L			06/08/16 23:44	100
Carbon tetrachloride	ND		100	27	ug/L			06/08/16 23:44	100
Chloroethane	ND		100	32	ug/L			06/08/16 23:44	100
Chloroform	ND		100	34	ug/L			06/08/16 23:44	100
Chloromethane	ND		100	35	ug/L			06/08/16 23:44	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			06/08/16 23:44	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			06/08/16 23:44	100
Cyclohexane	ND		100	18	ug/L			06/08/16 23:44	100
Dibromochloromethane	ND		100	32	ug/L			06/08/16 23:44	100
Dichlorodifluoromethane	ND		100	68	ug/L			06/08/16 23:44	100
Ethylbenzene	ND		100	74	ug/L			06/08/16 23:44	100
Isopropylbenzene	ND		100	79	ug/L			06/08/16 23:44	100
Methyl acetate	ND		250	130	ug/L			06/08/16 23:44	100
Methyl tert-butyl ether	ND		100	16	ug/L			06/08/16 23:44	100
Methylcyclohexane	ND		100	16	ug/L			06/08/16 23:44	100
Methylene Chloride	ND		100	44	ug/L			06/08/16 23:44	100
Styrene	ND		100	73	ug/L			06/08/16 23:44	100
Tetrachloroethene	ND		100	36	ug/L			06/08/16 23:44	100
Toluene	ND		100	51	ug/L			06/08/16 23:44	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			06/08/16 23:44	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			06/08/16 23:44	100
Trichloroethene	ND		100	46	ug/L			06/08/16 23:44	100
Trichlorofluoromethane	ND		100	88	ug/L			06/08/16 23:44	100
Vinyl chloride	ND		100	90	ug/L			06/08/16 23:44	100
Xylenes, Total	ND		200	66	ug/L			06/08/16 23:44	100

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A ICM-101_0616

Lab Sample ID: 480-101034-1

Date Collected: 06/02/16 12:25

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		06/08/16 23:44	100
4-Bromofluorobenzene (Surr)	101		73 - 120		06/08/16 23:44	100
Toluene-d8 (Surr)	92		71 - 126		06/08/16 23:44	100
Dibromofluoromethane (Surr)	89		60 - 140		06/08/16 23:44	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	20000		400	300	ug/L			06/09/16 17:58	400

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		66 - 137		06/09/16 17:58	400
4-Bromofluorobenzene (Surr)	106		73 - 120		06/09/16 17:58	400
Toluene-d8 (Surr)	92		71 - 126		06/09/16 17:58	400
Dibromofluoromethane (Surr)	86		60 - 140		06/09/16 17:58	400

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		06/03/16 07:52	06/04/16 18:36	100
2,4,6-Trichlorophenol	ND		2500	310	ug/L		06/03/16 07:52	06/04/16 18:36	100
2,4-Dichlorophenol	ND		2500	260	ug/L		06/03/16 07:52	06/04/16 18:36	100
2,4-Dimethylphenol	ND		2500	250	ug/L		06/03/16 07:52	06/04/16 18:36	100
2,4-Dinitrophenol	ND		5000	1100	ug/L		06/03/16 07:52	06/04/16 18:36	100
2,4-Dinitrotoluene	ND		2500	220	ug/L		06/03/16 07:52	06/04/16 18:36	100
2,6-Dinitrotoluene	ND		2500	200	ug/L		06/03/16 07:52	06/04/16 18:36	100
2-Chloronaphthalene	ND		2500	230	ug/L		06/03/16 07:52	06/04/16 18:36	100
2-Chlorophenol	ND		2500	270	ug/L		06/03/16 07:52	06/04/16 18:36	100
2-Methylnaphthalene	ND		2500	300	ug/L		06/03/16 07:52	06/04/16 18:36	100
2-Methylphenol	ND		2500	200	ug/L		06/03/16 07:52	06/04/16 18:36	100
2-Nitroaniline	ND		5000	210	ug/L		06/03/16 07:52	06/04/16 18:36	100
2-Nitrophenol	ND		2500	240	ug/L		06/03/16 07:52	06/04/16 18:36	100
3,3'-Dichlorobenzidine	ND		2500	200	ug/L		06/03/16 07:52	06/04/16 18:36	100
3-Nitroaniline	ND		5000	240	ug/L		06/03/16 07:52	06/04/16 18:36	100
4,6-Dinitro-2-methylphenol	ND		5000	1100	ug/L		06/03/16 07:52	06/04/16 18:36	100
4-Bromophenyl phenyl ether	ND		2500	230	ug/L		06/03/16 07:52	06/04/16 18:36	100
4-Chloro-3-methylphenol	ND		2500	230	ug/L		06/03/16 07:52	06/04/16 18:36	100
4-Chloroaniline	2800		2500	300	ug/L		06/03/16 07:52	06/04/16 18:36	100
4-Chlorophenyl phenyl ether	ND		2500	180	ug/L		06/03/16 07:52	06/04/16 18:36	100
4-Methylphenol	ND		5000	180	ug/L		06/03/16 07:52	06/04/16 18:36	100
4-Nitroaniline	ND		5000	130	ug/L		06/03/16 07:52	06/04/16 18:36	100
4-Nitrophenol	ND		5000	760	ug/L		06/03/16 07:52	06/04/16 18:36	100
Acenaphthene	ND		2500	210	ug/L		06/03/16 07:52	06/04/16 18:36	100
Acenaphthylene	ND		2500	190	ug/L		06/03/16 07:52	06/04/16 18:36	100
Acetophenone	ND		2500	270	ug/L		06/03/16 07:52	06/04/16 18:36	100
Aniline	19000		5000	310	ug/L		06/03/16 07:52	06/04/16 18:36	100
Anthracene	ND		2500	140	ug/L		06/03/16 07:52	06/04/16 18:36	100
Atrazine	ND		2500	230	ug/L		06/03/16 07:52	06/04/16 18:36	100
Benzaldehyde	ND		2500	130	ug/L		06/03/16 07:52	06/04/16 18:36	100
Benzo(a)anthracene	ND		2500	180	ug/L		06/03/16 07:52	06/04/16 18:36	100
Benzo(a)pyrene	ND		2500	240	ug/L		06/03/16 07:52	06/04/16 18:36	100
Benzo(b)fluoranthene	ND		2500	170	ug/L		06/03/16 07:52	06/04/16 18:36	100
Benzo(g,h,i)perylene	ND		2500	180	ug/L		06/03/16 07:52	06/04/16 18:36	100

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A ICM-101_0616

Lab Sample ID: 480-101034-1

Date Collected: 06/02/16 12:25

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		2500	370	ug/L		06/03/16 07:52	06/04/16 18:36	100
Biphenyl	ND		2500	330	ug/L		06/03/16 07:52	06/04/16 18:36	100
bis (2-chloroisopropyl) ether	ND		2500	260	ug/L		06/03/16 07:52	06/04/16 18:36	100
Bis(2-chloroethoxy)methane	ND		2500	180	ug/L		06/03/16 07:52	06/04/16 18:36	100
Bis(2-chloroethyl)ether	ND		2500	200	ug/L		06/03/16 07:52	06/04/16 18:36	100
Bis(2-ethylhexyl) phthalate	ND		2500	1100	ug/L		06/03/16 07:52	06/04/16 18:36	100
Butyl benzyl phthalate	ND		2500	500	ug/L		06/03/16 07:52	06/04/16 18:36	100
Caprolactam	ND		2500	1100	ug/L		06/03/16 07:52	06/04/16 18:36	100
Carbazole	ND		2500	150	ug/L		06/03/16 07:52	06/04/16 18:36	100
Chrysene	ND		2500	170	ug/L		06/03/16 07:52	06/04/16 18:36	100
Dibenz(a,h)anthracene	ND		2500	210	ug/L		06/03/16 07:52	06/04/16 18:36	100
Dibenzofuran	ND		5000	260	ug/L		06/03/16 07:52	06/04/16 18:36	100
Diethyl phthalate	ND		2500	110	ug/L		06/03/16 07:52	06/04/16 18:36	100
Dimethyl phthalate	ND		2500	180	ug/L		06/03/16 07:52	06/04/16 18:36	100
Di-n-butyl phthalate	ND		2500	160	ug/L		06/03/16 07:52	06/04/16 18:36	100
Di-n-octyl phthalate	ND		2500	240	ug/L		06/03/16 07:52	06/04/16 18:36	100
Fluoranthene	ND		2500	200	ug/L		06/03/16 07:52	06/04/16 18:36	100
Fluorene	ND		2500	180	ug/L		06/03/16 07:52	06/04/16 18:36	100
Hexachlorobenzene	ND		2500	260	ug/L		06/03/16 07:52	06/04/16 18:36	100
Hexachlorobutadiene	ND		2500	340	ug/L		06/03/16 07:52	06/04/16 18:36	100
Hexachlorocyclopentadiene	ND		2500	300	ug/L		06/03/16 07:52	06/04/16 18:36	100
Hexachloroethane	ND		2500	300	ug/L		06/03/16 07:52	06/04/16 18:36	100
Indeno(1,2,3-cd)pyrene	ND		2500	240	ug/L		06/03/16 07:52	06/04/16 18:36	100
Isophorone	ND		2500	220	ug/L		06/03/16 07:52	06/04/16 18:36	100
Naphthalene	ND		2500	380	ug/L		06/03/16 07:52	06/04/16 18:36	100
Nitrobenzene	ND		2500	150	ug/L		06/03/16 07:52	06/04/16 18:36	100
N-Nitrosodi-n-propylamine	ND		2500	270	ug/L		06/03/16 07:52	06/04/16 18:36	100
N-Nitrosodiphenylamine	ND		2500	260	ug/L		06/03/16 07:52	06/04/16 18:36	100
Pentachlorophenol	ND		5000	1100	ug/L		06/03/16 07:52	06/04/16 18:36	100
Phenanthrene	ND		2500	220	ug/L		06/03/16 07:52	06/04/16 18:36	100
Phenol	ND		2500	200	ug/L		06/03/16 07:52	06/04/16 18:36	100
Pyrene	ND		2500	170	ug/L		06/03/16 07:52	06/04/16 18:36	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	06/03/16 07:52	06/04/16 18:36	100
2-Fluorobiphenyl	39	X	48 - 120	06/03/16 07:52	06/04/16 18:36	100
2-Fluorophenol	0	X	20 - 120	06/03/16 07:52	06/04/16 18:36	100
Nitrobenzene-d5	55		46 - 120	06/03/16 07:52	06/04/16 18:36	100
Phenol-d5	30		16 - 120	06/03/16 07:52	06/04/16 18:36	100
p-Terphenyl-d14	0	X	67 - 150	06/03/16 07:52	06/04/16 18:36	100

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.9		0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:06	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:06	1
Arsenic	0.050		0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:06	1
Barium	0.054	B	0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:06	1
Beryllium	0.0012	J	0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:06	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:06	1
Calcium	51.2		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:06	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A ICM-101_0616

Lab Sample ID: 480-101034-1

Date Collected: 06/02/16 12:25

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.066		0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:06	1
Cobalt	0.00096	J	0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:06	1
Copper	0.010		0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:06	1
Iron	7.9	B	0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:06	1
Lead	0.0079	J	0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:06	1
Magnesium	9.1		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:06	1
Manganese	0.40	B	0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:06	1
Nickel	0.010		0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:06	1
Potassium	13.3		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:06	1
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:06	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:06	1
Sodium	567		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:06	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:06	1
Vanadium	0.099		0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:06	1
Zinc	0.053	B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00022		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:11	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A RFI-26_0616

Lab Sample ID: 480-101034-2

Date Collected: 06/02/16 13:15

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			06/10/16 13:28	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/10/16 13:28	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/10/16 13:28	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/10/16 13:28	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/10/16 13:28	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/10/16 13:28	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/10/16 13:28	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/10/16 13:28	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/10/16 13:28	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/10/16 13:28	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			06/10/16 13:28	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/10/16 13:28	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/10/16 13:28	2
1,4-Dichlorobenzene	4.1		2.0	1.7	ug/L			06/10/16 13:28	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/10/16 13:28	2
2-Hexanone	ND		10	2.5	ug/L			06/10/16 13:28	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/10/16 13:28	2
Acetone	ND		20	6.0	ug/L			06/10/16 13:28	2
Benzene	16		2.0	0.82	ug/L			06/10/16 13:28	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/10/16 13:28	2
Bromoform	ND		2.0	0.52	ug/L			06/10/16 13:28	2
Bromomethane	ND		2.0	1.4	ug/L			06/10/16 13:28	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/10/16 13:28	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/10/16 13:28	2
Chlorobenzene	120		2.0	1.5	ug/L			06/10/16 13:28	2
Chloroethane	ND		2.0	0.64	ug/L			06/10/16 13:28	2
Chloroform	ND		2.0	0.68	ug/L			06/10/16 13:28	2
Chloromethane	ND		2.0	0.70	ug/L			06/10/16 13:28	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/10/16 13:28	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/10/16 13:28	2
Cyclohexane	ND		2.0	0.36	ug/L			06/10/16 13:28	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/10/16 13:28	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/10/16 13:28	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/10/16 13:28	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/10/16 13:28	2
Methyl acetate	ND		5.0	2.6	ug/L			06/10/16 13:28	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/10/16 13:28	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/10/16 13:28	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/10/16 13:28	2
Styrene	ND		2.0	1.5	ug/L			06/10/16 13:28	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/10/16 13:28	2
Toluene	ND		2.0	1.0	ug/L			06/10/16 13:28	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/10/16 13:28	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/10/16 13:28	2
Trichloroethene	ND		2.0	0.92	ug/L			06/10/16 13:28	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/10/16 13:28	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/10/16 13:28	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/10/16 13:28	2

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A RFI-26_0616

Lab Sample ID: 480-101034-2

Date Collected: 06/02/16 13:15

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		06/10/16 13:28	2
4-Bromofluorobenzene (Surr)	97		73 - 120		06/10/16 13:28	2
Toluene-d8 (Surr)	95		71 - 126		06/10/16 13:28	2
Dibromofluoromethane (Surr)	97		60 - 140		06/10/16 13:28	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		460	44	ug/L		06/03/16 07:52	06/04/16 19:05	100
2,4,6-Trichlorophenol	ND		460	56	ug/L		06/03/16 07:52	06/04/16 19:05	100
2,4-Dichlorophenol	ND		460	47	ug/L		06/03/16 07:52	06/04/16 19:05	100
2,4-Dimethylphenol	ND		460	46	ug/L		06/03/16 07:52	06/04/16 19:05	100
2,4-Dinitrophenol	ND		920	200	ug/L		06/03/16 07:52	06/04/16 19:05	100
2,4-Dinitrotoluene	ND		460	41	ug/L		06/03/16 07:52	06/04/16 19:05	100
2,6-Dinitrotoluene	ND		460	37	ug/L		06/03/16 07:52	06/04/16 19:05	100
2-Chloronaphthalene	ND		460	42	ug/L		06/03/16 07:52	06/04/16 19:05	100
2-Chlorophenol	ND		460	49	ug/L		06/03/16 07:52	06/04/16 19:05	100
2-Methylnaphthalene	ND		460	55	ug/L		06/03/16 07:52	06/04/16 19:05	100
2-Methylphenol	ND		460	37	ug/L		06/03/16 07:52	06/04/16 19:05	100
2-Nitroaniline	ND		920	39	ug/L		06/03/16 07:52	06/04/16 19:05	100
2-Nitrophenol	ND		460	44	ug/L		06/03/16 07:52	06/04/16 19:05	100
3,3'-Dichlorobenzidine	ND		460	37	ug/L		06/03/16 07:52	06/04/16 19:05	100
3-Nitroaniline	ND		920	44	ug/L		06/03/16 07:52	06/04/16 19:05	100
4,6-Dinitro-2-methylphenol	ND		920	200	ug/L		06/03/16 07:52	06/04/16 19:05	100
4-Bromophenyl phenyl ether	ND		460	41	ug/L		06/03/16 07:52	06/04/16 19:05	100
4-Chloro-3-methylphenol	ND		460	41	ug/L		06/03/16 07:52	06/04/16 19:05	100
4-Chloroaniline	ND		460	54	ug/L		06/03/16 07:52	06/04/16 19:05	100
4-Chlorophenyl phenyl ether	ND		460	32	ug/L		06/03/16 07:52	06/04/16 19:05	100
4-Methylphenol	ND		920	33	ug/L		06/03/16 07:52	06/04/16 19:05	100
4-Nitroaniline	ND		920	23	ug/L		06/03/16 07:52	06/04/16 19:05	100
4-Nitrophenol	ND		920	140	ug/L		06/03/16 07:52	06/04/16 19:05	100
Acenaphthene	ND		460	38	ug/L		06/03/16 07:52	06/04/16 19:05	100
Acenaphthylene	ND		460	35	ug/L		06/03/16 07:52	06/04/16 19:05	100
Acetophenone	ND		460	50	ug/L		06/03/16 07:52	06/04/16 19:05	100
Aniline	ND		920	56	ug/L		06/03/16 07:52	06/04/16 19:05	100
Anthracene	ND		460	26	ug/L		06/03/16 07:52	06/04/16 19:05	100
Atrazine	ND		460	42	ug/L		06/03/16 07:52	06/04/16 19:05	100
Benzaldehyde	ND		460	25	ug/L		06/03/16 07:52	06/04/16 19:05	100
Benzo(a)anthracene	ND		460	33	ug/L		06/03/16 07:52	06/04/16 19:05	100
Benzo(a)pyrene	ND		460	43	ug/L		06/03/16 07:52	06/04/16 19:05	100
Benzo(b)fluoranthene	ND		460	31	ug/L		06/03/16 07:52	06/04/16 19:05	100
Benzo(g,h,i)perylene	ND		460	32	ug/L		06/03/16 07:52	06/04/16 19:05	100
Benzo(k)fluoranthene	ND		460	67	ug/L		06/03/16 07:52	06/04/16 19:05	100
Biphenyl	ND		460	60	ug/L		06/03/16 07:52	06/04/16 19:05	100
bis (2-chloroisopropyl) ether	ND		460	48	ug/L		06/03/16 07:52	06/04/16 19:05	100
Bis(2-chloroethoxy)methane	ND		460	32	ug/L		06/03/16 07:52	06/04/16 19:05	100
Bis(2-chloroethyl)ether	ND		460	37	ug/L		06/03/16 07:52	06/04/16 19:05	100
Bis(2-ethylhexyl) phthalate	ND		460	200	ug/L		06/03/16 07:52	06/04/16 19:05	100
Butyl benzyl phthalate	ND		460	92	ug/L		06/03/16 07:52	06/04/16 19:05	100
Caprolactam	ND		460	200	ug/L		06/03/16 07:52	06/04/16 19:05	100
Carbazole	ND		460	28	ug/L		06/03/16 07:52	06/04/16 19:05	100

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A RFI-26_0616

Lab Sample ID: 480-101034-2

Date Collected: 06/02/16 13:15

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		460	30	ug/L		06/03/16 07:52	06/04/16 19:05	100
Dibenz(a,h)anthracene	ND		460	39	ug/L		06/03/16 07:52	06/04/16 19:05	100
Dibenzofuran	ND		920	47	ug/L		06/03/16 07:52	06/04/16 19:05	100
Diethyl phthalate	ND		460	20	ug/L		06/03/16 07:52	06/04/16 19:05	100
Dimethyl phthalate	ND		460	33	ug/L		06/03/16 07:52	06/04/16 19:05	100
Di-n-butyl phthalate	ND		460	28	ug/L		06/03/16 07:52	06/04/16 19:05	100
Di-n-octyl phthalate	ND		460	43	ug/L		06/03/16 07:52	06/04/16 19:05	100
Fluoranthene	ND		460	37	ug/L		06/03/16 07:52	06/04/16 19:05	100
Fluorene	ND		460	33	ug/L		06/03/16 07:52	06/04/16 19:05	100
Hexachlorobenzene	ND		460	47	ug/L		06/03/16 07:52	06/04/16 19:05	100
Hexachlorobutadiene	ND		460	62	ug/L		06/03/16 07:52	06/04/16 19:05	100
Hexachlorocyclopentadiene	ND		460	54	ug/L		06/03/16 07:52	06/04/16 19:05	100
Hexachloroethane	ND		460	54	ug/L		06/03/16 07:52	06/04/16 19:05	100
Indeno(1,2,3-cd)pyrene	ND		460	43	ug/L		06/03/16 07:52	06/04/16 19:05	100
Isophorone	ND		460	39	ug/L		06/03/16 07:52	06/04/16 19:05	100
Naphthalene	ND		460	70	ug/L		06/03/16 07:52	06/04/16 19:05	100
Nitrobenzene	ND		460	27	ug/L		06/03/16 07:52	06/04/16 19:05	100
N-Nitrosodi-n-propylamine	ND		460	50	ug/L		06/03/16 07:52	06/04/16 19:05	100
N-Nitrosodiphenylamine	ND		460	47	ug/L		06/03/16 07:52	06/04/16 19:05	100
Pentachlorophenol	ND		920	200	ug/L		06/03/16 07:52	06/04/16 19:05	100
Phenanthrene	ND		460	40	ug/L		06/03/16 07:52	06/04/16 19:05	100
Phenol	ND		460	36	ug/L		06/03/16 07:52	06/04/16 19:05	100
Pyrene	ND		460	31	ug/L		06/03/16 07:52	06/04/16 19:05	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	06/03/16 07:52	06/04/16 19:05	100
2-Fluorobiphenyl	76		48 - 120	06/03/16 07:52	06/04/16 19:05	100
2-Fluorophenol	43		20 - 120	06/03/16 07:52	06/04/16 19:05	100
Nitrobenzene-d5	64		46 - 120	06/03/16 07:52	06/04/16 19:05	100
Phenol-d5	32		16 - 120	06/03/16 07:52	06/04/16 19:05	100
p-Terphenyl-d14	71		67 - 150	06/03/16 07:52	06/04/16 19:05	100

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:12	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:12	1
Arsenic	0.014	J	0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:12	1
Barium	0.048	B	0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:12	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:12	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:12	1
Calcium	40.0		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:12	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:12	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:12	1
Copper	0.0047	J	0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:12	1
Iron	0.58	B	0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:12	1
Lead	ND		0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:12	1
Magnesium	9.0		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:12	1
Manganese	0.14	B	0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:12	1
Nickel	0.0027	J	0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:12	1
Potassium	2.6		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:12	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A RFI-26_0616

Lab Sample ID: 480-101034-2

Date Collected: 06/02/16 13:15

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:12	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:12	1
Sodium	15.3		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:12	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:12	1
Vanadium	ND		0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:12	1
Zinc	0.0062	J B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:13	1



Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1_0616

Lab Sample ID: 480-101034-3

Date Collected: 06/02/16 13:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			06/09/16 00:32	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			06/09/16 00:32	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			06/09/16 00:32	200
1,1,2-Trichloroethane	ND		200	46	ug/L			06/09/16 00:32	200
1,1-Dichloroethane	ND		200	76	ug/L			06/09/16 00:32	200
1,1-Dichloroethene	ND		200	58	ug/L			06/09/16 00:32	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			06/09/16 00:32	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			06/09/16 00:32	200
1,2-Dibromoethane	ND		200	150	ug/L			06/09/16 00:32	200
1,2-Dichlorobenzene	420		200	160	ug/L			06/09/16 00:32	200
1,2-Dichloroethane	ND		200	42	ug/L			06/09/16 00:32	200
1,2-Dichloropropane	ND		200	140	ug/L			06/09/16 00:32	200
1,3-Dichlorobenzene	170	J	200	160	ug/L			06/09/16 00:32	200
1,4-Dichlorobenzene	1400		200	170	ug/L			06/09/16 00:32	200
2-Butanone (MEK)	ND		2000	260	ug/L			06/09/16 00:32	200
2-Hexanone	ND		1000	250	ug/L			06/09/16 00:32	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			06/09/16 00:32	200
Acetone	ND		2000	600	ug/L			06/09/16 00:32	200
Benzene	130	J	200	82	ug/L			06/09/16 00:32	200
Bromodichloromethane	ND		200	78	ug/L			06/09/16 00:32	200
Bromoform	ND		200	52	ug/L			06/09/16 00:32	200
Bromomethane	ND		200	140	ug/L			06/09/16 00:32	200
Carbon disulfide	ND		200	38	ug/L			06/09/16 00:32	200
Carbon tetrachloride	ND		200	54	ug/L			06/09/16 00:32	200
Chlorobenzene	14000	F1	200	150	ug/L			06/09/16 00:32	200
Chloroethane	ND		200	64	ug/L			06/09/16 00:32	200
Chloroform	ND		200	68	ug/L			06/09/16 00:32	200
Chloromethane	ND		200	70	ug/L			06/09/16 00:32	200
cis-1,2-Dichloroethene	ND		200	160	ug/L			06/09/16 00:32	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			06/09/16 00:32	200
Cyclohexane	ND		200	36	ug/L			06/09/16 00:32	200
Dibromochloromethane	ND		200	64	ug/L			06/09/16 00:32	200
Dichlorodifluoromethane	ND		200	140	ug/L			06/09/16 00:32	200
Ethylbenzene	ND		200	150	ug/L			06/09/16 00:32	200
Isopropylbenzene	ND		200	160	ug/L			06/09/16 00:32	200
Methyl acetate	ND		500	260	ug/L			06/09/16 00:32	200
Methyl tert-butyl ether	ND		200	32	ug/L			06/09/16 00:32	200
Methylcyclohexane	ND		200	32	ug/L			06/09/16 00:32	200
Methylene Chloride	ND		200	88	ug/L			06/09/16 00:32	200
Styrene	ND		200	150	ug/L			06/09/16 00:32	200
Tetrachloroethene	ND		200	72	ug/L			06/09/16 00:32	200
Toluene	ND		200	100	ug/L			06/09/16 00:32	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			06/09/16 00:32	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			06/09/16 00:32	200
Trichloroethene	ND		200	92	ug/L			06/09/16 00:32	200
Trichlorofluoromethane	ND		200	180	ug/L			06/09/16 00:32	200
Vinyl chloride	ND		200	180	ug/L			06/09/16 00:32	200
Xylenes, Total	ND		400	130	ug/L			06/09/16 00:32	200

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1_0616

Lab Sample ID: 480-101034-3

Date Collected: 06/02/16 13:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		06/09/16 00:32	200
4-Bromofluorobenzene (Surr)	103		73 - 120		06/09/16 00:32	200
Toluene-d8 (Surr)	93		71 - 126		06/09/16 00:32	200
Dibromofluoromethane (Surr)	92		60 - 140		06/09/16 00:32	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND	F1	91	8.8	ug/L		06/03/16 07:52	06/04/16 19:34	20
2,4,6-Trichlorophenol	ND	F1	91	11	ug/L		06/03/16 07:52	06/04/16 19:34	20
2,4-Dichlorophenol	ND		91	9.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
2,4-Dimethylphenol	ND		91	9.1	ug/L		06/03/16 07:52	06/04/16 19:34	20
2,4-Dinitrophenol	ND		180	40	ug/L		06/03/16 07:52	06/04/16 19:34	20
2,4-Dinitrotoluene	ND	F1	91	8.2	ug/L		06/03/16 07:52	06/04/16 19:34	20
2,6-Dinitrotoluene	ND		91	7.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
2-Chloronaphthalene	ND		91	8.4	ug/L		06/03/16 07:52	06/04/16 19:34	20
2-Chlorophenol	22	J F1	91	9.7	ug/L		06/03/16 07:52	06/04/16 19:34	20
2-Methylnaphthalene	ND	F1	91	11	ug/L		06/03/16 07:52	06/04/16 19:34	20
2-Methylphenol	ND	F2	91	7.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
2-Nitroaniline	ND	F1	180	7.7	ug/L		06/03/16 07:52	06/04/16 19:34	20
2-Nitrophenol	ND	F1	91	8.8	ug/L		06/03/16 07:52	06/04/16 19:34	20
3,3'-Dichlorobenzidine	ND		91	7.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
3-Nitroaniline	ND	F1	180	8.8	ug/L		06/03/16 07:52	06/04/16 19:34	20
4,6-Dinitro-2-methylphenol	ND		180	40	ug/L		06/03/16 07:52	06/04/16 19:34	20
4-Bromophenyl phenyl ether	ND		91	8.2	ug/L		06/03/16 07:52	06/04/16 19:34	20
4-Chloro-3-methylphenol	ND	F1	91	8.2	ug/L		06/03/16 07:52	06/04/16 19:34	20
4-Chloroaniline	33	J F1 F2	91	11	ug/L		06/03/16 07:52	06/04/16 19:34	20
4-Chlorophenyl phenyl ether	ND		91	6.4	ug/L		06/03/16 07:52	06/04/16 19:34	20
4-Methylphenol	ND	F2	180	6.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
4-Nitroaniline	ND	F1	180	4.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
4-Nitrophenol	ND	F1	180	28	ug/L		06/03/16 07:52	06/04/16 19:34	20
Acenaphthene	ND	F2	91	7.5	ug/L		06/03/16 07:52	06/04/16 19:34	20
Acenaphthylene	ND		91	6.9	ug/L		06/03/16 07:52	06/04/16 19:34	20
Acetophenone	ND	F1	91	9.8	ug/L		06/03/16 07:52	06/04/16 19:34	20
Aniline	14	J	180	11	ug/L		06/03/16 07:52	06/04/16 19:34	20
Anthracene	ND	F2	91	5.1	ug/L		06/03/16 07:52	06/04/16 19:34	20
Atrazine	ND	F2	91	8.4	ug/L		06/03/16 07:52	06/04/16 19:34	20
Benzaldehyde	ND	F2	91	4.9	ug/L		06/03/16 07:52	06/04/16 19:34	20
Benzo(a)anthracene	ND		91	6.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
Benzo(a)pyrene	ND	F1	91	8.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
Benzo(b)fluoranthene	ND		91	6.2	ug/L		06/03/16 07:52	06/04/16 19:34	20
Benzo(g,h,i)perylene	ND	F1 F2	91	6.4	ug/L		06/03/16 07:52	06/04/16 19:34	20
Benzo(k)fluoranthene	ND	F1	91	13	ug/L		06/03/16 07:52	06/04/16 19:34	20
Biphenyl	ND	F1	91	12	ug/L		06/03/16 07:52	06/04/16 19:34	20
bis (2-chloroisopropyl) ether	ND		91	9.5	ug/L		06/03/16 07:52	06/04/16 19:34	20
Bis(2-chloroethoxy)methane	ND		91	6.4	ug/L		06/03/16 07:52	06/04/16 19:34	20
Bis(2-chloroethyl)ether	ND	F2	91	7.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
Bis(2-ethylhexyl) phthalate	ND		91	40	ug/L		06/03/16 07:52	06/04/16 19:34	20
Butyl benzyl phthalate	ND		91	18	ug/L		06/03/16 07:52	06/04/16 19:34	20
Caprolactam	ND		91	40	ug/L		06/03/16 07:52	06/04/16 19:34	20
Carbazole	ND		91	5.5	ug/L		06/03/16 07:52	06/04/16 19:34	20

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1_0616

Lab Sample ID: 480-101034-3

Date Collected: 06/02/16 13:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		91	6.0	ug/L		06/03/16 07:52	06/04/16 19:34	20
Dibenz(a,h)anthracene	ND	F1	91	7.7	ug/L		06/03/16 07:52	06/04/16 19:34	20
Dibenzofuran	ND	F2	180	9.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
Diethyl phthalate	ND	F2	91	4.0	ug/L		06/03/16 07:52	06/04/16 19:34	20
Dimethyl phthalate	ND	F2	91	6.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
Di-n-butyl phthalate	ND		91	5.7	ug/L		06/03/16 07:52	06/04/16 19:34	20
Di-n-octyl phthalate	ND		91	8.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
Fluoranthene	ND		91	7.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
Fluorene	ND	F2	91	6.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
Hexachlorobenzene	ND	F2	91	9.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
Hexachlorobutadiene	ND	F1	91	12	ug/L		06/03/16 07:52	06/04/16 19:34	20
Hexachlorocyclopentadiene	ND	F1	91	11	ug/L		06/03/16 07:52	06/04/16 19:34	20
Hexachloroethane	ND	F1	91	11	ug/L		06/03/16 07:52	06/04/16 19:34	20
Indeno(1,2,3-cd)pyrene	ND	F1	91	8.6	ug/L		06/03/16 07:52	06/04/16 19:34	20
Isophorone	ND	F2	91	7.8	ug/L		06/03/16 07:52	06/04/16 19:34	20
Naphthalene	ND	F1	91	14	ug/L		06/03/16 07:52	06/04/16 19:34	20
Nitrobenzene	ND		91	5.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
N-Nitrosodi-n-propylamine	ND	F1	91	9.8	ug/L		06/03/16 07:52	06/04/16 19:34	20
N-Nitrosodiphenylamine	60	J F2	91	9.3	ug/L		06/03/16 07:52	06/04/16 19:34	20
Pentachlorophenol	ND		180	40	ug/L		06/03/16 07:52	06/04/16 19:34	20
Phenanthrene	ND		91	8.0	ug/L		06/03/16 07:52	06/04/16 19:34	20
Phenol	ND		91	7.1	ug/L		06/03/16 07:52	06/04/16 19:34	20
Pyrene	ND		91	6.2	ug/L		06/03/16 07:52	06/04/16 19:34	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		52 - 132	06/03/16 07:52	06/04/16 19:34	20
2-Fluorobiphenyl	82		48 - 120	06/03/16 07:52	06/04/16 19:34	20
2-Fluorophenol	59		20 - 120	06/03/16 07:52	06/04/16 19:34	20
Nitrobenzene-d5	77		46 - 120	06/03/16 07:52	06/04/16 19:34	20
Phenol-d5	38		16 - 120	06/03/16 07:52	06/04/16 19:34	20
p-Terphenyl-d14	73		67 - 150	06/03/16 07:52	06/04/16 19:34	20

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:16	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:16	1
Arsenic	0.027		0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:16	1
Barium	0.057	B	0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:16	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:16	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:16	1
Calcium	162		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:16	1
Chromium	0.0021	J	0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:16	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:16	1
Copper	0.17	F1	0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:16	1
Iron	6.2	B	0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:16	1
Lead	0.0093	J	0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:16	1
Magnesium	18.5		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:16	1
Manganese	0.62	B	0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:16	1
Nickel	ND		0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:16	1
Potassium	32.7		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:16	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1_0616

Lab Sample ID: 480-101034-3

Date Collected: 06/02/16 13:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:16	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:16	1
Sodium	144		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:16	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:16	1
Vanadium	ND		0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:16	1
Zinc	0.061	F1 B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:15	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-2_0616

Lab Sample ID: 480-101034-4

Date Collected: 06/02/16 14:10

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			06/09/16 00:57	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			06/09/16 00:57	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			06/09/16 00:57	100
1,1,2-Trichloroethane	ND		100	23	ug/L			06/09/16 00:57	100
1,1-Dichloroethane	ND		100	38	ug/L			06/09/16 00:57	100
1,1-Dichloroethene	ND		100	29	ug/L			06/09/16 00:57	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			06/09/16 00:57	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			06/09/16 00:57	100
1,2-Dibromoethane	ND		100	73	ug/L			06/09/16 00:57	100
1,2-Dichlorobenzene	ND		100	79	ug/L			06/09/16 00:57	100
1,2-Dichloroethane	ND		100	21	ug/L			06/09/16 00:57	100
1,2-Dichloropropane	ND		100	72	ug/L			06/09/16 00:57	100
1,3-Dichlorobenzene	ND		100	78	ug/L			06/09/16 00:57	100
1,4-Dichlorobenzene	ND		100	84	ug/L			06/09/16 00:57	100
2-Butanone (MEK)	ND		1000	130	ug/L			06/09/16 00:57	100
2-Hexanone	ND		500	120	ug/L			06/09/16 00:57	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			06/09/16 00:57	100
Acetone	ND		1000	300	ug/L			06/09/16 00:57	100
Benzene	240		100	41	ug/L			06/09/16 00:57	100
Bromodichloromethane	ND		100	39	ug/L			06/09/16 00:57	100
Bromoform	ND		100	26	ug/L			06/09/16 00:57	100
Bromomethane	ND		100	69	ug/L			06/09/16 00:57	100
Carbon disulfide	ND		100	19	ug/L			06/09/16 00:57	100
Carbon tetrachloride	ND		100	27	ug/L			06/09/16 00:57	100
Chlorobenzene	5800		100	75	ug/L			06/09/16 00:57	100
Chloroethane	ND		100	32	ug/L			06/09/16 00:57	100
Chloroform	ND		100	34	ug/L			06/09/16 00:57	100
Chloromethane	ND		100	35	ug/L			06/09/16 00:57	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			06/09/16 00:57	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			06/09/16 00:57	100
Cyclohexane	ND		100	18	ug/L			06/09/16 00:57	100
Dibromochloromethane	ND		100	32	ug/L			06/09/16 00:57	100
Dichlorodifluoromethane	ND		100	68	ug/L			06/09/16 00:57	100
Ethylbenzene	ND		100	74	ug/L			06/09/16 00:57	100
Isopropylbenzene	ND		100	79	ug/L			06/09/16 00:57	100
Methyl acetate	ND		250	130	ug/L			06/09/16 00:57	100
Methyl tert-butyl ether	ND		100	16	ug/L			06/09/16 00:57	100
Methylcyclohexane	ND		100	16	ug/L			06/09/16 00:57	100
Methylene Chloride	ND		100	44	ug/L			06/09/16 00:57	100
Styrene	ND		100	73	ug/L			06/09/16 00:57	100
Tetrachloroethene	ND		100	36	ug/L			06/09/16 00:57	100
Toluene	ND		100	51	ug/L			06/09/16 00:57	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			06/09/16 00:57	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			06/09/16 00:57	100
Trichloroethene	ND		100	46	ug/L			06/09/16 00:57	100
Trichlorofluoromethane	ND		100	88	ug/L			06/09/16 00:57	100
Vinyl chloride	ND		100	90	ug/L			06/09/16 00:57	100
Xylenes, Total	ND		200	66	ug/L			06/09/16 00:57	100

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-2_0616

Lab Sample ID: 480-101034-4

Date Collected: 06/02/16 14:10

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		66 - 137		06/09/16 00:57	100
4-Bromofluorobenzene (Surr)	101		73 - 120		06/09/16 00:57	100
Toluene-d8 (Surr)	93		71 - 126		06/09/16 00:57	100
Dibromofluoromethane (Surr)	93		60 - 140		06/09/16 00:57	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		46	4.4	ug/L		06/03/16 07:52	06/04/16 20:02	10
2,4,6-Trichlorophenol	ND		46	5.6	ug/L		06/03/16 07:52	06/04/16 20:02	10
2,4-Dichlorophenol	ND		46	4.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
2,4-Dimethylphenol	ND		46	4.6	ug/L		06/03/16 07:52	06/04/16 20:02	10
2,4-Dinitrophenol	ND		92	20	ug/L		06/03/16 07:52	06/04/16 20:02	10
2,4-Dinitrotoluene	ND		46	4.1	ug/L		06/03/16 07:52	06/04/16 20:02	10
2,6-Dinitrotoluene	ND		46	3.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
2-Chloronaphthalene	ND		46	4.2	ug/L		06/03/16 07:52	06/04/16 20:02	10
2-Chlorophenol	ND		46	4.9	ug/L		06/03/16 07:52	06/04/16 20:02	10
2-Methylnaphthalene	ND		46	5.5	ug/L		06/03/16 07:52	06/04/16 20:02	10
2-Methylphenol	ND		46	3.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
2-Nitroaniline	ND		92	3.9	ug/L		06/03/16 07:52	06/04/16 20:02	10
2-Nitrophenol	ND		46	4.4	ug/L		06/03/16 07:52	06/04/16 20:02	10
3,3'-Dichlorobenzidine	ND		46	3.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
3-Nitroaniline	ND		92	4.4	ug/L		06/03/16 07:52	06/04/16 20:02	10
4,6-Dinitro-2-methylphenol	ND		92	20	ug/L		06/03/16 07:52	06/04/16 20:02	10
4-Bromophenyl phenyl ether	ND		46	4.1	ug/L		06/03/16 07:52	06/04/16 20:02	10
4-Chloro-3-methylphenol	ND		46	4.1	ug/L		06/03/16 07:52	06/04/16 20:02	10
4-Chloroaniline	120		46	5.4	ug/L		06/03/16 07:52	06/04/16 20:02	10
4-Chlorophenyl phenyl ether	ND		46	3.2	ug/L		06/03/16 07:52	06/04/16 20:02	10
4-Methylphenol	ND		92	3.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
4-Nitroaniline	ND		92	2.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
4-Nitrophenol	ND		92	14	ug/L		06/03/16 07:52	06/04/16 20:02	10
Acenaphthene	5.2	J	46	3.8	ug/L		06/03/16 07:52	06/04/16 20:02	10
Acenaphthylene	ND		46	3.5	ug/L		06/03/16 07:52	06/04/16 20:02	10
Acetophenone	ND		46	5.0	ug/L		06/03/16 07:52	06/04/16 20:02	10
Aniline	6.9	J	92	5.6	ug/L		06/03/16 07:52	06/04/16 20:02	10
Anthracene	ND		46	2.6	ug/L		06/03/16 07:52	06/04/16 20:02	10
Atrazine	ND		46	4.2	ug/L		06/03/16 07:52	06/04/16 20:02	10
Benzaldehyde	ND		46	2.4	ug/L		06/03/16 07:52	06/04/16 20:02	10
Benzo(a)anthracene	ND		46	3.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
Benzo(a)pyrene	ND		46	4.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
Benzo(b)fluoranthene	ND		46	3.1	ug/L		06/03/16 07:52	06/04/16 20:02	10
Benzo(g,h,i)perylene	ND		46	3.2	ug/L		06/03/16 07:52	06/04/16 20:02	10
Benzo(k)fluoranthene	ND		46	6.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
Biphenyl	ND		46	6.0	ug/L		06/03/16 07:52	06/04/16 20:02	10
bis (2-chloroisopropyl) ether	ND		46	4.8	ug/L		06/03/16 07:52	06/04/16 20:02	10
Bis(2-chloroethoxy)methane	ND		46	3.2	ug/L		06/03/16 07:52	06/04/16 20:02	10
Bis(2-chloroethyl)ether	ND		46	3.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
Bis(2-ethylhexyl) phthalate	ND		46	20	ug/L		06/03/16 07:52	06/04/16 20:02	10
Butyl benzyl phthalate	ND		46	9.2	ug/L		06/03/16 07:52	06/04/16 20:02	10
Caprolactam	ND		46	20	ug/L		06/03/16 07:52	06/04/16 20:02	10
Carbazole	ND		46	2.8	ug/L		06/03/16 07:52	06/04/16 20:02	10

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-2_0616

Lab Sample ID: 480-101034-4

Date Collected: 06/02/16 14:10

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		46	3.0	ug/L		06/03/16 07:52	06/04/16 20:02	10
Dibenz(a,h)anthracene	ND		46	3.9	ug/L		06/03/16 07:52	06/04/16 20:02	10
Dibenzofuran	ND		92	4.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
Diethyl phthalate	ND		46	2.0	ug/L		06/03/16 07:52	06/04/16 20:02	10
Dimethyl phthalate	ND		46	3.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
Di-n-butyl phthalate	ND		46	2.8	ug/L		06/03/16 07:52	06/04/16 20:02	10
Di-n-octyl phthalate	ND		46	4.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
Fluoranthene	ND		46	3.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
Fluorene	ND		46	3.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
Hexachlorobenzene	ND		46	4.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
Hexachlorobutadiene	ND		46	6.2	ug/L		06/03/16 07:52	06/04/16 20:02	10
Hexachlorocyclopentadiene	ND		46	5.4	ug/L		06/03/16 07:52	06/04/16 20:02	10
Hexachloroethane	ND		46	5.4	ug/L		06/03/16 07:52	06/04/16 20:02	10
Indeno(1,2,3-cd)pyrene	ND		46	4.3	ug/L		06/03/16 07:52	06/04/16 20:02	10
Isophorone	ND		46	3.9	ug/L		06/03/16 07:52	06/04/16 20:02	10
Naphthalene	120		46	7.0	ug/L		06/03/16 07:52	06/04/16 20:02	10
Nitrobenzene	ND		46	2.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
N-Nitrosodi-n-propylamine	ND		46	5.0	ug/L		06/03/16 07:52	06/04/16 20:02	10
N-Nitrosodiphenylamine	29 J		46	4.7	ug/L		06/03/16 07:52	06/04/16 20:02	10
Pentachlorophenol	ND		92	20	ug/L		06/03/16 07:52	06/04/16 20:02	10
Phenanthrene	ND		46	4.0	ug/L		06/03/16 07:52	06/04/16 20:02	10
Phenol	ND		46	3.6	ug/L		06/03/16 07:52	06/04/16 20:02	10
Pyrene	ND		46	3.1	ug/L		06/03/16 07:52	06/04/16 20:02	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		52 - 132	06/03/16 07:52	06/04/16 20:02	10
2-Fluorobiphenyl	86		48 - 120	06/03/16 07:52	06/04/16 20:02	10
2-Fluorophenol	61		20 - 120	06/03/16 07:52	06/04/16 20:02	10
Nitrobenzene-d5	86		46 - 120	06/03/16 07:52	06/04/16 20:02	10
Phenol-d5	40		16 - 120	06/03/16 07:52	06/04/16 20:02	10
p-Terphenyl-d14	86		67 - 150	06/03/16 07:52	06/04/16 20:02	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:42	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:42	1
Arsenic	0.23		0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:42	1
Barium	0.052 B		0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:42	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:42	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:42	1
Calcium	67.2		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:42	1
Chromium	0.0082		0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:42	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:42	1
Copper	0.0043 J		0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:42	1
Iron	0.42 B		0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:42	1
Lead	0.0053 J		0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:42	1
Magnesium	9.4		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:42	1
Manganese	0.24 B		0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:42	1
Nickel	0.0048 J		0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:42	1
Potassium	93.5		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:42	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-2_0616

Lab Sample ID: 480-101034-4

Date Collected: 06/02/16 14:10

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:42	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:42	1
Sodium	235		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:42	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:42	1
Vanadium	0.014		0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:42	1
Zinc	0.011	B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:24	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-3A_0616

Lab Sample ID: 480-101034-5

Date Collected: 06/02/16 14:20

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			06/09/16 01:21	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			06/09/16 01:21	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			06/09/16 01:21	50
1,1,2-Trichloroethane	ND		50	12	ug/L			06/09/16 01:21	50
1,1-Dichloroethane	ND		50	19	ug/L			06/09/16 01:21	50
1,1-Dichloroethene	ND		50	15	ug/L			06/09/16 01:21	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			06/09/16 01:21	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			06/09/16 01:21	50
1,2-Dibromoethane	ND		50	37	ug/L			06/09/16 01:21	50
1,2-Dichlorobenzene	ND		50	40	ug/L			06/09/16 01:21	50
1,2-Dichloroethane	ND		50	11	ug/L			06/09/16 01:21	50
1,2-Dichloropropane	ND		50	36	ug/L			06/09/16 01:21	50
1,3-Dichlorobenzene	ND		50	39	ug/L			06/09/16 01:21	50
1,4-Dichlorobenzene	ND		50	42	ug/L			06/09/16 01:21	50
2-Butanone (MEK)	ND		500	66	ug/L			06/09/16 01:21	50
2-Hexanone	ND		250	62	ug/L			06/09/16 01:21	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			06/09/16 01:21	50
Acetone	ND		500	150	ug/L			06/09/16 01:21	50
Benzene	870		50	21	ug/L			06/09/16 01:21	50
Bromodichloromethane	ND		50	20	ug/L			06/09/16 01:21	50
Bromoform	ND		50	13	ug/L			06/09/16 01:21	50
Bromomethane	ND		50	35	ug/L			06/09/16 01:21	50
Carbon disulfide	ND		50	9.5	ug/L			06/09/16 01:21	50
Carbon tetrachloride	ND		50	14	ug/L			06/09/16 01:21	50
Chlorobenzene	3900		50	38	ug/L			06/09/16 01:21	50
Chloroethane	ND		50	16	ug/L			06/09/16 01:21	50
Chloroform	ND		50	17	ug/L			06/09/16 01:21	50
Chloromethane	ND		50	18	ug/L			06/09/16 01:21	50
cis-1,2-Dichloroethene	ND		50	41	ug/L			06/09/16 01:21	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			06/09/16 01:21	50
Cyclohexane	ND		50	9.0	ug/L			06/09/16 01:21	50
Dibromochloromethane	ND		50	16	ug/L			06/09/16 01:21	50
Dichlorodifluoromethane	ND		50	34	ug/L			06/09/16 01:21	50
Ethylbenzene	ND		50	37	ug/L			06/09/16 01:21	50
Isopropylbenzene	ND		50	40	ug/L			06/09/16 01:21	50
Methyl acetate	ND		130	65	ug/L			06/09/16 01:21	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			06/09/16 01:21	50
Methylcyclohexane	ND		50	8.0	ug/L			06/09/16 01:21	50
Methylene Chloride	ND		50	22	ug/L			06/09/16 01:21	50
Styrene	ND		50	37	ug/L			06/09/16 01:21	50
Tetrachloroethene	ND		50	18	ug/L			06/09/16 01:21	50
Toluene	ND		50	26	ug/L			06/09/16 01:21	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			06/09/16 01:21	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			06/09/16 01:21	50
Trichloroethene	ND		50	23	ug/L			06/09/16 01:21	50
Trichlorofluoromethane	ND		50	44	ug/L			06/09/16 01:21	50
Vinyl chloride	ND		50	45	ug/L			06/09/16 01:21	50
Xylenes, Total	ND		100	33	ug/L			06/09/16 01:21	50

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-3A_0616

Lab Sample ID: 480-101034-5

Date Collected: 06/02/16 14:20

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		06/09/16 01:21	50
4-Bromofluorobenzene (Surr)	106		73 - 120		06/09/16 01:21	50
Toluene-d8 (Surr)	93		71 - 126		06/09/16 01:21	50
Dibromofluoromethane (Surr)	95		60 - 140		06/09/16 01:21	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		470	45	ug/L		06/03/16 07:52	06/04/16 20:31	100
2,4,6-Trichlorophenol	ND		470	57	ug/L		06/03/16 07:52	06/04/16 20:31	100
2,4-Dichlorophenol	ND		470	48	ug/L		06/03/16 07:52	06/04/16 20:31	100
2,4-Dimethylphenol	ND		470	47	ug/L		06/03/16 07:52	06/04/16 20:31	100
2,4-Dinitrophenol	ND		930	210	ug/L		06/03/16 07:52	06/04/16 20:31	100
2,4-Dinitrotoluene	ND		470	42	ug/L		06/03/16 07:52	06/04/16 20:31	100
2,6-Dinitrotoluene	ND		470	37	ug/L		06/03/16 07:52	06/04/16 20:31	100
2-Chloronaphthalene	ND		470	43	ug/L		06/03/16 07:52	06/04/16 20:31	100
2-Chlorophenol	ND		470	49	ug/L		06/03/16 07:52	06/04/16 20:31	100
2-Methylnaphthalene	ND		470	56	ug/L		06/03/16 07:52	06/04/16 20:31	100
2-Methylphenol	ND		470	37	ug/L		06/03/16 07:52	06/04/16 20:31	100
2-Nitroaniline	ND		930	39	ug/L		06/03/16 07:52	06/04/16 20:31	100
2-Nitrophenol	ND		470	45	ug/L		06/03/16 07:52	06/04/16 20:31	100
3,3'-Dichlorobenzidine	ND		470	37	ug/L		06/03/16 07:52	06/04/16 20:31	100
3-Nitroaniline	ND		930	45	ug/L		06/03/16 07:52	06/04/16 20:31	100
4,6-Dinitro-2-methylphenol	ND		930	200	ug/L		06/03/16 07:52	06/04/16 20:31	100
4-Bromophenyl phenyl ether	ND		470	42	ug/L		06/03/16 07:52	06/04/16 20:31	100
4-Chloro-3-methylphenol	ND		470	42	ug/L		06/03/16 07:52	06/04/16 20:31	100
4-Chloroaniline	330	J	470	55	ug/L		06/03/16 07:52	06/04/16 20:31	100
4-Chlorophenyl phenyl ether	ND		470	33	ug/L		06/03/16 07:52	06/04/16 20:31	100
4-Methylphenol	ND		930	34	ug/L		06/03/16 07:52	06/04/16 20:31	100
4-Nitroaniline	ND		930	23	ug/L		06/03/16 07:52	06/04/16 20:31	100
4-Nitrophenol	ND		930	140	ug/L		06/03/16 07:52	06/04/16 20:31	100
Acenaphthene	ND		470	38	ug/L		06/03/16 07:52	06/04/16 20:31	100
Acenaphthylene	ND		470	35	ug/L		06/03/16 07:52	06/04/16 20:31	100
Acetophenone	ND		470	50	ug/L		06/03/16 07:52	06/04/16 20:31	100
Aniline	1400		930	57	ug/L		06/03/16 07:52	06/04/16 20:31	100
Anthracene	ND		470	26	ug/L		06/03/16 07:52	06/04/16 20:31	100
Atrazine	ND		470	43	ug/L		06/03/16 07:52	06/04/16 20:31	100
Benzaldehyde	ND		470	25	ug/L		06/03/16 07:52	06/04/16 20:31	100
Benzo(a)anthracene	ND		470	34	ug/L		06/03/16 07:52	06/04/16 20:31	100
Benzo(a)pyrene	ND		470	44	ug/L		06/03/16 07:52	06/04/16 20:31	100
Benzo(b)fluoranthene	ND		470	32	ug/L		06/03/16 07:52	06/04/16 20:31	100
Benzo(g,h,i)perylene	ND		470	33	ug/L		06/03/16 07:52	06/04/16 20:31	100
Benzo(k)fluoranthene	ND		470	68	ug/L		06/03/16 07:52	06/04/16 20:31	100
Biphenyl	ND		470	61	ug/L		06/03/16 07:52	06/04/16 20:31	100
bis (2-chloroisopropyl) ether	ND		470	48	ug/L		06/03/16 07:52	06/04/16 20:31	100
Bis(2-chloroethoxy)methane	ND		470	33	ug/L		06/03/16 07:52	06/04/16 20:31	100
Bis(2-chloroethyl)ether	ND		470	37	ug/L		06/03/16 07:52	06/04/16 20:31	100
Bis(2-ethylhexyl) phthalate	ND		470	200	ug/L		06/03/16 07:52	06/04/16 20:31	100
Butyl benzyl phthalate	ND		470	93	ug/L		06/03/16 07:52	06/04/16 20:31	100
Caprolactam	ND		470	200	ug/L		06/03/16 07:52	06/04/16 20:31	100
Carbazole	ND		470	28	ug/L		06/03/16 07:52	06/04/16 20:31	100

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-3A_0616

Lab Sample ID: 480-101034-5

Date Collected: 06/02/16 14:20

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		470	31	ug/L		06/03/16 07:52	06/04/16 20:31	100
Dibenz(a,h)anthracene	ND		470	39	ug/L		06/03/16 07:52	06/04/16 20:31	100
Dibenzofuran	ND		930	48	ug/L		06/03/16 07:52	06/04/16 20:31	100
Diethyl phthalate	ND		470	20	ug/L		06/03/16 07:52	06/04/16 20:31	100
Dimethyl phthalate	ND		470	34	ug/L		06/03/16 07:52	06/04/16 20:31	100
Di-n-butyl phthalate	ND		470	29	ug/L		06/03/16 07:52	06/04/16 20:31	100
Di-n-octyl phthalate	ND		470	44	ug/L		06/03/16 07:52	06/04/16 20:31	100
Fluoranthene	ND		470	37	ug/L		06/03/16 07:52	06/04/16 20:31	100
Fluorene	ND		470	34	ug/L		06/03/16 07:52	06/04/16 20:31	100
Hexachlorobenzene	ND		470	48	ug/L		06/03/16 07:52	06/04/16 20:31	100
Hexachlorobutadiene	ND		470	63	ug/L		06/03/16 07:52	06/04/16 20:31	100
Hexachlorocyclopentadiene	ND		470	55	ug/L		06/03/16 07:52	06/04/16 20:31	100
Hexachloroethane	ND		470	55	ug/L		06/03/16 07:52	06/04/16 20:31	100
Indeno(1,2,3-cd)pyrene	ND		470	44	ug/L		06/03/16 07:52	06/04/16 20:31	100
Isophorone	ND		470	40	ug/L		06/03/16 07:52	06/04/16 20:31	100
Naphthalene	ND		470	71	ug/L		06/03/16 07:52	06/04/16 20:31	100
Nitrobenzene	ND		470	27	ug/L		06/03/16 07:52	06/04/16 20:31	100
N-Nitrosodi-n-propylamine	ND		470	50	ug/L		06/03/16 07:52	06/04/16 20:31	100
N-Nitrosodiphenylamine	ND		470	48	ug/L		06/03/16 07:52	06/04/16 20:31	100
Pentachlorophenol	ND		930	200	ug/L		06/03/16 07:52	06/04/16 20:31	100
Phenanthrene	ND		470	41	ug/L		06/03/16 07:52	06/04/16 20:31	100
Phenol	ND		470	36	ug/L		06/03/16 07:52	06/04/16 20:31	100
Pyrene	ND		470	32	ug/L		06/03/16 07:52	06/04/16 20:31	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	06/03/16 07:52	06/04/16 20:31	100
2-Fluorobiphenyl	66		48 - 120	06/03/16 07:52	06/04/16 20:31	100
2-Fluorophenol	45		20 - 120	06/03/16 07:52	06/04/16 20:31	100
Nitrobenzene-d5	53		46 - 120	06/03/16 07:52	06/04/16 20:31	100
Phenol-d5	32		16 - 120	06/03/16 07:52	06/04/16 20:31	100
p-Terphenyl-d14	0	X	67 - 150	06/03/16 07:52	06/04/16 20:31	100

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:46	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:46	1
Arsenic	0.086		0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:46	1
Barium	0.051	B	0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:46	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:46	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:46	1
Calcium	32.3		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:46	1
Chromium	0.0050		0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:46	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:46	1
Copper	0.0018	J	0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:46	1
Iron	0.48	B	0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:46	1
Lead	0.0095	J	0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:46	1
Magnesium	13.6		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:46	1
Manganese	0.060	B	0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:46	1
Nickel	ND		0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:46	1
Potassium	173		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:46	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-3A_0616

Lab Sample ID: 480-101034-5

Date Collected: 06/02/16 14:20

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:46	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:46	1
Sodium	411		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:46	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:46	1
Vanadium	0.013		0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:46	1
Zinc	0.0068	J B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:25	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-4_0616

Lab Sample ID: 480-101034-6

Date Collected: 06/02/16 14:30

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			06/09/16 01:45	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			06/09/16 01:45	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			06/09/16 01:45	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			06/09/16 01:45	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			06/09/16 01:45	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			06/09/16 01:45	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			06/09/16 01:45	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			06/09/16 01:45	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			06/09/16 01:45	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			06/09/16 01:45	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			06/09/16 01:45	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			06/09/16 01:45	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			06/09/16 01:45	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			06/09/16 01:45	5
2-Butanone (MEK)	ND		50	6.6	ug/L			06/09/16 01:45	5
2-Hexanone	ND		25	6.2	ug/L			06/09/16 01:45	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			06/09/16 01:45	5
Acetone	ND		50	15	ug/L			06/09/16 01:45	5
Benzene	160		5.0	2.1	ug/L			06/09/16 01:45	5
Bromodichloromethane	ND		5.0	2.0	ug/L			06/09/16 01:45	5
Bromoform	ND		5.0	1.3	ug/L			06/09/16 01:45	5
Bromomethane	ND		5.0	3.5	ug/L			06/09/16 01:45	5
Carbon disulfide	5.1		5.0	0.95	ug/L			06/09/16 01:45	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			06/09/16 01:45	5
Chlorobenzene	55		5.0	3.8	ug/L			06/09/16 01:45	5
Chloroethane	ND		5.0	1.6	ug/L			06/09/16 01:45	5
Chloroform	ND		5.0	1.7	ug/L			06/09/16 01:45	5
Chloromethane	ND		5.0	1.8	ug/L			06/09/16 01:45	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			06/09/16 01:45	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			06/09/16 01:45	5
Cyclohexane	ND		5.0	0.90	ug/L			06/09/16 01:45	5
Dibromochloromethane	ND		5.0	1.6	ug/L			06/09/16 01:45	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			06/09/16 01:45	5
Ethylbenzene	9.0		5.0	3.7	ug/L			06/09/16 01:45	5
Isopropylbenzene	ND		5.0	4.0	ug/L			06/09/16 01:45	5
Methyl acetate	ND		13	6.5	ug/L			06/09/16 01:45	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			06/09/16 01:45	5
Methylcyclohexane	0.97 J		5.0	0.80	ug/L			06/09/16 01:45	5
Methylene Chloride	ND		5.0	2.2	ug/L			06/09/16 01:45	5
Styrene	ND		5.0	3.7	ug/L			06/09/16 01:45	5
Tetrachloroethene	ND		5.0	1.8	ug/L			06/09/16 01:45	5
Toluene	2.8 J		5.0	2.6	ug/L			06/09/16 01:45	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			06/09/16 01:45	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			06/09/16 01:45	5
Trichloroethene	ND		5.0	2.3	ug/L			06/09/16 01:45	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			06/09/16 01:45	5
Vinyl chloride	ND		5.0	4.5	ug/L			06/09/16 01:45	5
Xylenes, Total	15		10	3.3	ug/L			06/09/16 01:45	5

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-4_0616

Lab Sample ID: 480-101034-6

Date Collected: 06/02/16 14:30

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		06/09/16 01:45	5
4-Bromofluorobenzene (Surr)	107		73 - 120		06/09/16 01:45	5
Toluene-d8 (Surr)	95		71 - 126		06/09/16 01:45	5
Dibromofluoromethane (Surr)	89		60 - 140		06/09/16 01:45	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		1200	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
2,4,6-Trichlorophenol	ND		1200	140	ug/L		06/03/16 07:52	06/07/16 15:21	250
2,4-Dichlorophenol	ND		1200	120	ug/L		06/03/16 07:52	06/07/16 15:21	250
2,4-Dimethylphenol	ND		1200	120	ug/L		06/03/16 07:52	06/07/16 15:21	250
2,4-Dinitrophenol	ND		2300	510	ug/L		06/03/16 07:52	06/07/16 15:21	250
2,4-Dinitrotoluene	ND		1200	100	ug/L		06/03/16 07:52	06/07/16 15:21	250
2,6-Dinitrotoluene	ND		1200	93	ug/L		06/03/16 07:52	06/07/16 15:21	250
2-Chloronaphthalene	ND		1200	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
2-Chlorophenol	ND		1200	120	ug/L		06/03/16 07:52	06/07/16 15:21	250
2-Methylnaphthalene	ND		1200	140	ug/L		06/03/16 07:52	06/07/16 15:21	250
2-Methylphenol	ND		1200	93	ug/L		06/03/16 07:52	06/07/16 15:21	250
2-Nitroaniline	ND		2300	97	ug/L		06/03/16 07:52	06/07/16 15:21	250
2-Nitrophenol	ND		1200	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
3,3'-Dichlorobenzidine	ND		1200	93	ug/L		06/03/16 07:52	06/07/16 15:21	250
3-Nitroaniline	ND		2300	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
4,6-Dinitro-2-methylphenol	ND		2300	510	ug/L		06/03/16 07:52	06/07/16 15:21	250
4-Bromophenyl phenyl ether	ND		1200	100	ug/L		06/03/16 07:52	06/07/16 15:21	250
4-Chloro-3-methylphenol	ND		1200	100	ug/L		06/03/16 07:52	06/07/16 15:21	250
4-Chloroaniline	ND		1200	140	ug/L		06/03/16 07:52	06/07/16 15:21	250
4-Chlorophenyl phenyl ether	ND		1200	81	ug/L		06/03/16 07:52	06/07/16 15:21	250
4-Methylphenol	ND		2300	83	ug/L		06/03/16 07:52	06/07/16 15:21	250
4-Nitroaniline	ND		2300	58	ug/L		06/03/16 07:52	06/07/16 15:21	250
4-Nitrophenol	ND		2300	350	ug/L		06/03/16 07:52	06/07/16 15:21	250
Acenaphthene	ND		1200	95	ug/L		06/03/16 07:52	06/07/16 15:21	250
Acenaphthylene	ND		1200	88	ug/L		06/03/16 07:52	06/07/16 15:21	250
Acetophenone	ND		1200	130	ug/L		06/03/16 07:52	06/07/16 15:21	250
Aniline	4600		2300	140	ug/L		06/03/16 07:52	06/07/16 15:21	250
Anthracene	ND		1200	65	ug/L		06/03/16 07:52	06/07/16 15:21	250
Atrazine	ND		1200	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
Benzaldehyde	ND		1200	62	ug/L		06/03/16 07:52	06/07/16 15:21	250
Benzo(a)anthracene	ND		1200	83	ug/L		06/03/16 07:52	06/07/16 15:21	250
Benzo(a)pyrene	ND		1200	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
Benzo(b)fluoranthene	ND		1200	79	ug/L		06/03/16 07:52	06/07/16 15:21	250
Benzo(g,h,i)perylene	ND		1200	81	ug/L		06/03/16 07:52	06/07/16 15:21	250
Benzo(k)fluoranthene	ND		1200	170	ug/L		06/03/16 07:52	06/07/16 15:21	250
Biphenyl	ND		1200	150	ug/L		06/03/16 07:52	06/07/16 15:21	250
bis (2-chloroisopropyl) ether	ND		1200	120	ug/L		06/03/16 07:52	06/07/16 15:21	250
Bis(2-chloroethoxy)methane	ND		1200	81	ug/L		06/03/16 07:52	06/07/16 15:21	250
Bis(2-chloroethyl)ether	ND		1200	93	ug/L		06/03/16 07:52	06/07/16 15:21	250
Bis(2-ethylhexyl) phthalate	ND		1200	510	ug/L		06/03/16 07:52	06/07/16 15:21	250
Butyl benzyl phthalate	ND		1200	230	ug/L		06/03/16 07:52	06/07/16 15:21	250
Caprolactam	ND		1200	510	ug/L		06/03/16 07:52	06/07/16 15:21	250
Carbazole	ND		1200	69	ug/L		06/03/16 07:52	06/07/16 15:21	250

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-4_0616

Lab Sample ID: 480-101034-6

Date Collected: 06/02/16 14:30

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		1200	76	ug/L		06/03/16 07:52	06/07/16 15:21	250
Dibenz(a,h)anthracene	ND		1200	97	ug/L		06/03/16 07:52	06/07/16 15:21	250
Dibenzofuran	ND		2300	120	ug/L		06/03/16 07:52	06/07/16 15:21	250
Diethyl phthalate	ND		1200	51	ug/L		06/03/16 07:52	06/07/16 15:21	250
Dimethyl phthalate	ND		1200	83	ug/L		06/03/16 07:52	06/07/16 15:21	250
Di-n-butyl phthalate	ND		1200	72	ug/L		06/03/16 07:52	06/07/16 15:21	250
Di-n-octyl phthalate	ND		1200	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
Fluoranthene	ND		1200	93	ug/L		06/03/16 07:52	06/07/16 15:21	250
Fluorene	ND		1200	83	ug/L		06/03/16 07:52	06/07/16 15:21	250
Hexachlorobenzene	ND		1200	120	ug/L		06/03/16 07:52	06/07/16 15:21	250
Hexachlorobutadiene	ND		1200	160	ug/L		06/03/16 07:52	06/07/16 15:21	250
Hexachlorocyclopentadiene	ND		1200	140	ug/L		06/03/16 07:52	06/07/16 15:21	250
Hexachloroethane	ND		1200	140	ug/L		06/03/16 07:52	06/07/16 15:21	250
Indeno(1,2,3-cd)pyrene	ND		1200	110	ug/L		06/03/16 07:52	06/07/16 15:21	250
Isophorone	ND		1200	100	ug/L		06/03/16 07:52	06/07/16 15:21	250
Naphthalene	630	J	1200	180	ug/L		06/03/16 07:52	06/07/16 15:21	250
Nitrobenzene	ND		1200	67	ug/L		06/03/16 07:52	06/07/16 15:21	250
N-Nitrosodi-n-propylamine	ND		1200	130	ug/L		06/03/16 07:52	06/07/16 15:21	250
N-Nitrosodiphenylamine	ND		1200	120	ug/L		06/03/16 07:52	06/07/16 15:21	250
Pentachlorophenol	ND		2300	510	ug/L		06/03/16 07:52	06/07/16 15:21	250
Phenanthrene	ND		1200	100	ug/L		06/03/16 07:52	06/07/16 15:21	250
Phenol	ND		1200	90	ug/L		06/03/16 07:52	06/07/16 15:21	250
Pyrene	ND		1200	79	ug/L		06/03/16 07:52	06/07/16 15:21	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	06/03/16 07:52	06/07/16 15:21	250
2-Fluorobiphenyl	75		48 - 120	06/03/16 07:52	06/07/16 15:21	250
2-Fluorophenol	0	X	20 - 120	06/03/16 07:52	06/07/16 15:21	250
Nitrobenzene-d5	0	X	46 - 120	06/03/16 07:52	06/07/16 15:21	250
Phenol-d5	0	X	16 - 120	06/03/16 07:52	06/07/16 15:21	250
p-Terphenyl-d14	0	X	67 - 150	06/03/16 07:52	06/07/16 15:21	250

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.15	J	0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:49	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:49	1
Arsenic	0.0086	J	0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:49	1
Barium	0.0093	B	0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:49	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:49	1
Calcium	7.5		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:49	1
Chromium	0.013		0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:49	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:49	1
Copper	0.0063	J	0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:49	1
Iron	0.61	B	0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:49	1
Lead	0.043		0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:49	1
Magnesium	12.4		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:49	1
Manganese	0.029	B	0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:49	1
Nickel	0.0071	J	0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:49	1
Potassium	288		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:49	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-4_0616

Lab Sample ID: 480-101034-6

Date Collected: 06/02/16 14:30

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:49	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:49	1
Sodium	820		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:49	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:49	1
Vanadium	0.025		0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:49	1
Zinc	0.0072	J B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00024		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:30	1



Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-5_0616

Lab Sample ID: 480-101034-7

Date Collected: 06/02/16 14:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			06/09/16 02:09	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/09/16 02:09	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/09/16 02:09	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/09/16 02:09	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/09/16 02:09	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/09/16 02:09	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/09/16 02:09	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/09/16 02:09	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/09/16 02:09	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/09/16 02:09	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			06/09/16 02:09	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/09/16 02:09	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/09/16 02:09	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			06/09/16 02:09	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/09/16 02:09	2
2-Hexanone	ND		10	2.5	ug/L			06/09/16 02:09	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/09/16 02:09	2
Acetone	ND		20	6.0	ug/L			06/09/16 02:09	2
Benzene	6.1		2.0	0.82	ug/L			06/09/16 02:09	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/09/16 02:09	2
Bromoform	ND		2.0	0.52	ug/L			06/09/16 02:09	2
Bromomethane	ND		2.0	1.4	ug/L			06/09/16 02:09	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/09/16 02:09	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/09/16 02:09	2
Chlorobenzene	ND		2.0	1.5	ug/L			06/09/16 02:09	2
Chloroethane	ND		2.0	0.64	ug/L			06/09/16 02:09	2
Chloroform	ND		2.0	0.68	ug/L			06/09/16 02:09	2
Chloromethane	ND		2.0	0.70	ug/L			06/09/16 02:09	2
cis-1,2-Dichloroethene	4.3		2.0	1.6	ug/L			06/09/16 02:09	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/09/16 02:09	2
Cyclohexane	ND		2.0	0.36	ug/L			06/09/16 02:09	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/09/16 02:09	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/09/16 02:09	2
Ethylbenzene	40		2.0	1.5	ug/L			06/09/16 02:09	2
Isopropylbenzene	8.6		2.0	1.6	ug/L			06/09/16 02:09	2
Methyl acetate	ND		5.0	2.6	ug/L			06/09/16 02:09	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/09/16 02:09	2
Methylcyclohexane	0.34 J		2.0	0.32	ug/L			06/09/16 02:09	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/09/16 02:09	2
Styrene	ND		2.0	1.5	ug/L			06/09/16 02:09	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/09/16 02:09	2
Toluene	3.8		2.0	1.0	ug/L			06/09/16 02:09	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/09/16 02:09	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/09/16 02:09	2
Trichloroethene	ND		2.0	0.92	ug/L			06/09/16 02:09	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/09/16 02:09	2
Vinyl chloride	2.3		2.0	1.8	ug/L			06/09/16 02:09	2
Xylenes, Total	200		4.0	1.3	ug/L			06/09/16 02:09	2

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-5_0616

Lab Sample ID: 480-101034-7

Date Collected: 06/02/16 14:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		06/09/16 02:09	2
4-Bromofluorobenzene (Surr)	107		73 - 120		06/09/16 02:09	2
Toluene-d8 (Surr)	92		71 - 126		06/09/16 02:09	2
Dibromofluoromethane (Surr)	93		60 - 140		06/09/16 02:09	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		93	8.9	ug/L		06/03/16 07:52	06/04/16 21:29	20
2,4,6-Trichlorophenol	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:29	20
2,4-Dichlorophenol	ND		93	9.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
2,4-Dimethylphenol	ND		93	9.3	ug/L		06/03/16 07:52	06/04/16 21:29	20
2,4-Dinitrophenol	ND		190	41	ug/L		06/03/16 07:52	06/04/16 21:29	20
2,4-Dinitrotoluene	ND		93	8.3	ug/L		06/03/16 07:52	06/04/16 21:29	20
2,6-Dinitrotoluene	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
2-Chloronaphthalene	ND		93	8.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
2-Chlorophenol	ND		93	9.8	ug/L		06/03/16 07:52	06/04/16 21:29	20
2-Methylnaphthalene	84	J	93	11	ug/L		06/03/16 07:52	06/04/16 21:29	20
2-Methylphenol	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
2-Nitroaniline	ND		190	7.8	ug/L		06/03/16 07:52	06/04/16 21:29	20
2-Nitrophenol	ND		93	8.9	ug/L		06/03/16 07:52	06/04/16 21:29	20
3,3'-Dichlorobenzidine	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
3-Nitroaniline	ND		190	8.9	ug/L		06/03/16 07:52	06/04/16 21:29	20
4,6-Dinitro-2-methylphenol	ND		190	41	ug/L		06/03/16 07:52	06/04/16 21:29	20
4-Bromophenyl phenyl ether	ND		93	8.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
4-Chloro-3-methylphenol	ND		93	8.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
4-Chloroaniline	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:29	20
4-Chlorophenyl phenyl ether	ND		93	6.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
4-Methylphenol	ND		190	6.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
4-Nitroaniline	ND		190	4.6	ug/L		06/03/16 07:52	06/04/16 21:29	20
4-Nitrophenol	ND		190	28	ug/L		06/03/16 07:52	06/04/16 21:29	20
Acenaphthene	17	J	93	7.6	ug/L		06/03/16 07:52	06/04/16 21:29	20
Acenaphthylene	ND		93	7.1	ug/L		06/03/16 07:52	06/04/16 21:29	20
Acetophenone	ND		93	10	ug/L		06/03/16 07:52	06/04/16 21:29	20
Aniline	ND		190	11	ug/L		06/03/16 07:52	06/04/16 21:29	20
Anthracene	ND		93	5.2	ug/L		06/03/16 07:52	06/04/16 21:29	20
Atrazine	ND		93	8.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
Benzaldehyde	ND		93	5.0	ug/L		06/03/16 07:52	06/04/16 21:29	20
Benzo(a)anthracene	ND		93	6.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
Benzo(a)pyrene	ND		93	8.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
Benzo(b)fluoranthene	ND		93	6.3	ug/L		06/03/16 07:52	06/04/16 21:29	20
Benzo(g,h,i)perylene	ND		93	6.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
Benzo(k)fluoranthene	ND		93	14	ug/L		06/03/16 07:52	06/04/16 21:29	20
Biphenyl	ND		93	12	ug/L		06/03/16 07:52	06/04/16 21:29	20
bis (2-chloroisopropyl) ether	ND		93	9.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
Bis(2-chloroethoxy)methane	ND		93	6.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
Bis(2-chloroethyl)ether	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
Bis(2-ethylhexyl) phthalate	ND		93	41	ug/L		06/03/16 07:52	06/04/16 21:29	20
Butyl benzyl phthalate	ND		93	19	ug/L		06/03/16 07:52	06/04/16 21:29	20
Caprolactam	ND		93	41	ug/L		06/03/16 07:52	06/04/16 21:29	20
Carbazole	ND		93	5.6	ug/L		06/03/16 07:52	06/04/16 21:29	20

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-5_0616

Lab Sample ID: 480-101034-7

Date Collected: 06/02/16 14:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		93	6.1	ug/L		06/03/16 07:52	06/04/16 21:29	20
Dibenz(a,h)anthracene	ND		93	7.8	ug/L		06/03/16 07:52	06/04/16 21:29	20
Dibenzofuran	16	J	190	9.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
Diethyl phthalate	ND		93	4.1	ug/L		06/03/16 07:52	06/04/16 21:29	20
Dimethyl phthalate	ND		93	6.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
Di-n-butyl phthalate	ND		93	5.8	ug/L		06/03/16 07:52	06/04/16 21:29	20
Di-n-octyl phthalate	ND		93	8.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
Fluoranthene	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
Fluorene	10	J	93	6.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
Hexachlorobenzene	ND		93	9.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
Hexachlorobutadiene	ND		93	13	ug/L		06/03/16 07:52	06/04/16 21:29	20
Hexachlorocyclopentadiene	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:29	20
Hexachloroethane	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:29	20
Indeno(1,2,3-cd)pyrene	ND		93	8.7	ug/L		06/03/16 07:52	06/04/16 21:29	20
Isophorone	ND		93	8.0	ug/L		06/03/16 07:52	06/04/16 21:29	20
Naphthalene	350		93	14	ug/L		06/03/16 07:52	06/04/16 21:29	20
Nitrobenzene	ND		93	5.4	ug/L		06/03/16 07:52	06/04/16 21:29	20
N-Nitrosodi-n-propylamine	ND		93	10	ug/L		06/03/16 07:52	06/04/16 21:29	20
N-Nitrosodiphenylamine	ND		93	9.5	ug/L		06/03/16 07:52	06/04/16 21:29	20
Pentachlorophenol	ND		190	41	ug/L		06/03/16 07:52	06/04/16 21:29	20
Phenanthrene	18	J	93	8.2	ug/L		06/03/16 07:52	06/04/16 21:29	20
Phenol	ND		93	7.2	ug/L		06/03/16 07:52	06/04/16 21:29	20
Pyrene	ND		93	6.3	ug/L		06/03/16 07:52	06/04/16 21:29	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		52 - 132	06/03/16 07:52	06/04/16 21:29	20
2-Fluorobiphenyl	88		48 - 120	06/03/16 07:52	06/04/16 21:29	20
2-Fluorophenol	70		20 - 120	06/03/16 07:52	06/04/16 21:29	20
Nitrobenzene-d5	90		46 - 120	06/03/16 07:52	06/04/16 21:29	20
Phenol-d5	42		16 - 120	06/03/16 07:52	06/04/16 21:29	20
p-Terphenyl-d14	75		67 - 150	06/03/16 07:52	06/04/16 21:29	20

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:53	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:53	1
Arsenic	0.016		0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:53	1
Barium	0.072	B	0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:53	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:53	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:53	1
Calcium	274		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:53	1
Chromium	0.0010	J	0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:53	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:53	1
Copper	0.037		0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:53	1
Iron	25.0	B	0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:53	1
Lead	0.0064	J	0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:53	1
Magnesium	49.4		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:53	1
Manganese	3.3	B	0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:53	1
Nickel	0.0021	J	0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:53	1
Potassium	62.0		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:53	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-5_0616

Lab Sample ID: 480-101034-7

Date Collected: 06/02/16 14:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:53	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:53	1
Sodium	672		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:53	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:53	1
Vanadium	ND		0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:53	1
Zinc	0.074	B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:32	1



Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1 D_0616

Lab Sample ID: 480-101034-8

Date Collected: 06/02/16 13:50

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			06/09/16 02:34	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			06/09/16 02:34	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			06/09/16 02:34	200
1,1,2-Trichloroethane	ND		200	46	ug/L			06/09/16 02:34	200
1,1-Dichloroethane	ND		200	76	ug/L			06/09/16 02:34	200
1,1-Dichloroethene	ND		200	58	ug/L			06/09/16 02:34	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			06/09/16 02:34	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			06/09/16 02:34	200
1,2-Dibromoethane	ND		200	150	ug/L			06/09/16 02:34	200
1,2-Dichlorobenzene	440		200	160	ug/L			06/09/16 02:34	200
1,2-Dichloroethane	ND		200	42	ug/L			06/09/16 02:34	200
1,2-Dichloropropane	ND		200	140	ug/L			06/09/16 02:34	200
1,3-Dichlorobenzene	170	J	200	160	ug/L			06/09/16 02:34	200
1,4-Dichlorobenzene	1500		200	170	ug/L			06/09/16 02:34	200
2-Butanone (MEK)	ND		2000	260	ug/L			06/09/16 02:34	200
2-Hexanone	ND		1000	250	ug/L			06/09/16 02:34	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			06/09/16 02:34	200
Acetone	ND		2000	600	ug/L			06/09/16 02:34	200
Benzene	130	J	200	82	ug/L			06/09/16 02:34	200
Bromodichloromethane	ND		200	78	ug/L			06/09/16 02:34	200
Bromoform	ND		200	52	ug/L			06/09/16 02:34	200
Bromomethane	ND		200	140	ug/L			06/09/16 02:34	200
Carbon disulfide	ND		200	38	ug/L			06/09/16 02:34	200
Carbon tetrachloride	ND		200	54	ug/L			06/09/16 02:34	200
Chlorobenzene	14000		200	150	ug/L			06/09/16 02:34	200
Chloroethane	ND		200	64	ug/L			06/09/16 02:34	200
Chloroform	ND		200	68	ug/L			06/09/16 02:34	200
Chloromethane	ND		200	70	ug/L			06/09/16 02:34	200
cis-1,2-Dichloroethene	ND		200	160	ug/L			06/09/16 02:34	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			06/09/16 02:34	200
Cyclohexane	ND		200	36	ug/L			06/09/16 02:34	200
Dibromochloromethane	ND		200	64	ug/L			06/09/16 02:34	200
Dichlorodifluoromethane	ND		200	140	ug/L			06/09/16 02:34	200
Ethylbenzene	ND		200	150	ug/L			06/09/16 02:34	200
Isopropylbenzene	ND		200	160	ug/L			06/09/16 02:34	200
Methyl acetate	ND		500	260	ug/L			06/09/16 02:34	200
Methyl tert-butyl ether	ND		200	32	ug/L			06/09/16 02:34	200
Methylcyclohexane	ND		200	32	ug/L			06/09/16 02:34	200
Methylene Chloride	ND		200	88	ug/L			06/09/16 02:34	200
Styrene	ND		200	150	ug/L			06/09/16 02:34	200
Tetrachloroethene	ND		200	72	ug/L			06/09/16 02:34	200
Toluene	ND		200	100	ug/L			06/09/16 02:34	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			06/09/16 02:34	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			06/09/16 02:34	200
Trichloroethene	ND		200	92	ug/L			06/09/16 02:34	200
Trichlorofluoromethane	ND		200	180	ug/L			06/09/16 02:34	200
Vinyl chloride	ND		200	180	ug/L			06/09/16 02:34	200
Xylenes, Total	ND		400	130	ug/L			06/09/16 02:34	200

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1 D_0616

Lab Sample ID: 480-101034-8

Date Collected: 06/02/16 13:50

Matrix: Ground Water

Date Received: 06/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		06/09/16 02:34	200
4-Bromofluorobenzene (Surr)	106		73 - 120		06/09/16 02:34	200
Toluene-d8 (Surr)	95		71 - 126		06/09/16 02:34	200
Dibromofluoromethane (Surr)	91		60 - 140		06/09/16 02:34	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		93	8.9	ug/L		06/03/16 07:52	06/04/16 21:57	20
2,4,6-Trichlorophenol	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:57	20
2,4-Dichlorophenol	ND		93	9.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
2,4-Dimethylphenol	ND		93	9.3	ug/L		06/03/16 07:52	06/04/16 21:57	20
2,4-Dinitrophenol	ND		190	41	ug/L		06/03/16 07:52	06/04/16 21:57	20
2,4-Dinitrotoluene	ND		93	8.3	ug/L		06/03/16 07:52	06/04/16 21:57	20
2,6-Dinitrotoluene	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
2-Chloronaphthalene	ND		93	8.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
2-Chlorophenol	24	J	93	9.8	ug/L		06/03/16 07:52	06/04/16 21:57	20
2-Methylnaphthalene	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:57	20
2-Methylphenol	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
2-Nitroaniline	ND		190	7.8	ug/L		06/03/16 07:52	06/04/16 21:57	20
2-Nitrophenol	ND		93	8.9	ug/L		06/03/16 07:52	06/04/16 21:57	20
3,3'-Dichlorobenzidine	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
3-Nitroaniline	ND		190	8.9	ug/L		06/03/16 07:52	06/04/16 21:57	20
4,6-Dinitro-2-methylphenol	ND		190	41	ug/L		06/03/16 07:52	06/04/16 21:57	20
4-Bromophenyl phenyl ether	ND		93	8.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
4-Chloro-3-methylphenol	ND		93	8.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
4-Chloroaniline	36	J	93	11	ug/L		06/03/16 07:52	06/04/16 21:57	20
4-Chlorophenyl phenyl ether	ND		93	6.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
4-Methylphenol	ND		190	6.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
4-Nitroaniline	ND		190	4.6	ug/L		06/03/16 07:52	06/04/16 21:57	20
4-Nitrophenol	ND		190	28	ug/L		06/03/16 07:52	06/04/16 21:57	20
Acenaphthene	ND		93	7.6	ug/L		06/03/16 07:52	06/04/16 21:57	20
Acenaphthylene	ND		93	7.1	ug/L		06/03/16 07:52	06/04/16 21:57	20
Acetophenone	ND		93	10	ug/L		06/03/16 07:52	06/04/16 21:57	20
Aniline	12	J	190	11	ug/L		06/03/16 07:52	06/04/16 21:57	20
Anthracene	ND		93	5.2	ug/L		06/03/16 07:52	06/04/16 21:57	20
Atrazine	ND		93	8.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
Benzaldehyde	ND		93	5.0	ug/L		06/03/16 07:52	06/04/16 21:57	20
Benzo(a)anthracene	ND		93	6.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
Benzo(a)pyrene	ND		93	8.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
Benzo(b)fluoranthene	ND		93	6.3	ug/L		06/03/16 07:52	06/04/16 21:57	20
Benzo(g,h,i)perylene	ND		93	6.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
Benzo(k)fluoranthene	ND		93	14	ug/L		06/03/16 07:52	06/04/16 21:57	20
Biphenyl	ND		93	12	ug/L		06/03/16 07:52	06/04/16 21:57	20
bis (2-chloroisopropyl) ether	ND		93	9.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
Bis(2-chloroethoxy)methane	ND		93	6.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
Bis(2-chloroethyl)ether	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
Bis(2-ethylhexyl) phthalate	ND		93	41	ug/L		06/03/16 07:52	06/04/16 21:57	20
Butyl benzyl phthalate	ND		93	19	ug/L		06/03/16 07:52	06/04/16 21:57	20
Caprolactam	ND		93	41	ug/L		06/03/16 07:52	06/04/16 21:57	20
Carbazole	ND		93	5.6	ug/L		06/03/16 07:52	06/04/16 21:57	20

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1 D_0616

Lab Sample ID: 480-101034-8

Date Collected: 06/02/16 13:50

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		93	6.1	ug/L		06/03/16 07:52	06/04/16 21:57	20
Dibenz(a,h)anthracene	ND		93	7.8	ug/L		06/03/16 07:52	06/04/16 21:57	20
Dibenzofuran	ND		190	9.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
Diethyl phthalate	ND		93	4.1	ug/L		06/03/16 07:52	06/04/16 21:57	20
Dimethyl phthalate	ND		93	6.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
Di-n-butyl phthalate	ND		93	5.8	ug/L		06/03/16 07:52	06/04/16 21:57	20
Di-n-octyl phthalate	ND		93	8.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
Fluoranthene	ND		93	7.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
Fluorene	ND		93	6.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
Hexachlorobenzene	ND		93	9.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
Hexachlorobutadiene	ND		93	13	ug/L		06/03/16 07:52	06/04/16 21:57	20
Hexachlorocyclopentadiene	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:57	20
Hexachloroethane	ND		93	11	ug/L		06/03/16 07:52	06/04/16 21:57	20
Indeno(1,2,3-cd)pyrene	ND		93	8.7	ug/L		06/03/16 07:52	06/04/16 21:57	20
Isophorone	ND		93	8.0	ug/L		06/03/16 07:52	06/04/16 21:57	20
Naphthalene	ND		93	14	ug/L		06/03/16 07:52	06/04/16 21:57	20
Nitrobenzene	ND		93	5.4	ug/L		06/03/16 07:52	06/04/16 21:57	20
N-Nitrosodi-n-propylamine	ND		93	10	ug/L		06/03/16 07:52	06/04/16 21:57	20
N-Nitrosodiphenylamine	62	J	93	9.5	ug/L		06/03/16 07:52	06/04/16 21:57	20
Pentachlorophenol	ND		190	41	ug/L		06/03/16 07:52	06/04/16 21:57	20
Phenanthrene	ND		93	8.2	ug/L		06/03/16 07:52	06/04/16 21:57	20
Phenol	ND		93	7.2	ug/L		06/03/16 07:52	06/04/16 21:57	20
Pyrene	ND		93	6.3	ug/L		06/03/16 07:52	06/04/16 21:57	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 132	06/03/16 07:52	06/04/16 21:57	20
2-Fluorobiphenyl	86		48 - 120	06/03/16 07:52	06/04/16 21:57	20
2-Fluorophenol	71		20 - 120	06/03/16 07:52	06/04/16 21:57	20
Nitrobenzene-d5	91		46 - 120	06/03/16 07:52	06/04/16 21:57	20
Phenol-d5	47		16 - 120	06/03/16 07:52	06/04/16 21:57	20
p-Terphenyl-d14	79		67 - 150	06/03/16 07:52	06/04/16 21:57	20

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/03/16 07:45	06/03/16 16:56	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/03/16 16:56	1
Arsenic	0.024		0.015	0.0056	mg/L		06/03/16 07:45	06/03/16 16:56	1
Barium	0.057	B	0.0020	0.00070	mg/L		06/03/16 07:45	06/03/16 16:56	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/03/16 16:56	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/03/16 16:56	1
Calcium	162		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:56	1
Chromium	0.0026	J	0.0040	0.0010	mg/L		06/03/16 07:45	06/03/16 16:56	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/03/16 16:56	1
Copper	0.065		0.010	0.0016	mg/L		06/03/16 07:45	06/03/16 16:56	1
Iron	6.3	B	0.050	0.019	mg/L		06/03/16 07:45	06/03/16 16:56	1
Lead	0.010		0.010	0.0030	mg/L		06/03/16 07:45	06/03/16 16:56	1
Magnesium	18.7		0.20	0.043	mg/L		06/03/16 07:45	06/03/16 16:56	1
Manganese	0.63	B	0.0030	0.00040	mg/L		06/03/16 07:45	06/03/16 16:56	1
Nickel	ND		0.010	0.0013	mg/L		06/03/16 07:45	06/03/16 16:56	1
Potassium	33.3		0.50	0.10	mg/L		06/03/16 07:45	06/03/16 16:56	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-1 D_0616

Lab Sample ID: 480-101034-8

Date Collected: 06/02/16 13:50

Matrix: Ground Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/03/16 16:56	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/03/16 16:56	1
Sodium	145		1.0	0.32	mg/L		06/03/16 07:45	06/03/16 16:56	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/03/16 16:56	1
Vanadium	0.0019	J	0.0050	0.0015	mg/L		06/03/16 07:45	06/03/16 16:56	1
Zinc	0.059	B	0.010	0.0015	mg/L		06/03/16 07:45	06/03/16 16:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:34	1



Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-101034-9

Date Collected: 06/02/16 00:00

Matrix: Water

Date Received: 06/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/09/16 02:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/16 02:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/16 02:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/16 02:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/16 02:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/16 02:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/09/16 02:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/16 02:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/16 02:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/09/16 02:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/16 02:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/16 02:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/09/16 02:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/09/16 02:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/16 02:58	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/16 02:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/16 02:58	1
Acetone	ND		10	3.0	ug/L			06/09/16 02:58	1
Benzene	ND		1.0	0.41	ug/L			06/09/16 02:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/16 02:58	1
Bromoform	ND		1.0	0.26	ug/L			06/09/16 02:58	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/16 02:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/16 02:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/16 02:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/09/16 02:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/16 02:58	1
Chloroform	ND		1.0	0.34	ug/L			06/09/16 02:58	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/16 02:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/16 02:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/16 02:58	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/16 02:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/16 02:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/16 02:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/16 02:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/16 02:58	1
Methyl acetate	ND		2.5	1.3	ug/L			06/09/16 02:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/16 02:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/16 02:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/16 02:58	1
Styrene	ND		1.0	0.73	ug/L			06/09/16 02:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/16 02:58	1
Toluene	ND		1.0	0.51	ug/L			06/09/16 02:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/16 02:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/16 02:58	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/16 02:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/16 02:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/16 02:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/16 02:58	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-101034-9

Date Collected: 06/02/16 00:00

Matrix: Water

Date Received: 06/02/16 16:15

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	88		66 - 137		06/09/16 02:58	1
4-Bromofluorobenzene (Surr)	103		73 - 120		06/09/16 02:58	1
Toluene-d8 (Surr)	93		71 - 126		06/09/16 02:58	1
Dibromofluoromethane (Surr)	94		60 - 140		06/09/16 02:58	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-101034-1	BCC Area A ICM-101_0616	89	101	92	89
480-101034-1 - DL	BCC Area A ICM-101_0616	85	106	92	86
480-101034-2	BCC Area A RFI-26_0616	94	97	95	97
480-101034-3	BCC Area A EW-1_0616	91	103	93	92
480-101034-3 MS	BCC Area A EW-1 MS_0616	87	107	93	92
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	87	109	95	92
480-101034-4	BCC Area A EW-2_0616	88	101	93	93
480-101034-5	BCC Area A EW-3A_0616	92	106	93	95
480-101034-6	BCC Area A EW-4_0616	89	107	95	89
480-101034-7	BCC Area A EW-5_0616	91	107	92	93
480-101034-8	BCC Area A EW-1 D_0616	89	106	95	91

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-101034-9	TRIP BLANK	88	103	93	94
LB 480-305143/1-A	Method Blank	98	96	98	103
LCS 480-305732/8	Lab Control Sample	90	107	95	94
LCS 480-305850/6	Lab Control Sample	83	107	94	89
LCS 480-306045/5	Lab Control Sample	94	104	100	96
MB 480-305732/10	Method Blank	88	105	93	89
MB 480-305850/8	Method Blank	86	105	91	89
MB 480-306045/7	Method Blank	95	97	97	98

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-101034-1	BCC Area A ICM-101_0616	0 X	39 X	0 X	55	30	0 X
480-101034-2	BCC Area A RFI-26_0616	0 X	76	43	64	32	71
480-101034-3	BCC Area A EW-1_0616	86	82	59	77	38	73
480-101034-3 MS	BCC Area A EW-1 MS_0616	86	62	51	58	40	70
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	101	84	63	78	45	63 X

TestAmerica Buffalo

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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)
480-101034-4	BCC Area A EW-2_0616	76	86	61	86	40	86
480-101034-5	BCC Area A EW-3A_0616	0 X	66	45	53	32	0 X
480-101034-6	BCC Area A EW-4_0616	0 X	75	0 X	0 X	0 X	0 X
480-101034-7	BCC Area A EW-5_0616	79	88	70	90	42	75
480-101034-8	BCC Area A EW-1 D_0616	93	86	71	91	47	79

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 480-304916/2-A	Lab Control Sample	80	81	73	83	55	96
MB 480-304916/1-A	Method Blank	83	93	77	102	54	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: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: MB 480-305732/10

Matrix: Water

Analysis Batch: 305732

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/16 21:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/16 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/16 21:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/16 21:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/16 21:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/16 21:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/16 21:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/16 21:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/16 21:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/16 21:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/16 21:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/16 21:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/16 21:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/16 21:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/16 21:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/16 21:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/16 21:35	1
Acetone	ND		10	3.0	ug/L			06/08/16 21:35	1
Benzene	ND		1.0	0.41	ug/L			06/08/16 21:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/16 21:35	1
Bromoform	ND		1.0	0.26	ug/L			06/08/16 21:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/16 21:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/16 21:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/16 21:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/16 21:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/16 21:35	1
Chloroform	ND		1.0	0.34	ug/L			06/08/16 21:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/16 21:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/16 21:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/16 21:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/16 21:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/16 21:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/16 21:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/16 21:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/16 21:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/16 21:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/16 21:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/16 21:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/16 21:35	1
Styrene	ND		1.0	0.73	ug/L			06/08/16 21:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/16 21:35	1
Toluene	ND		1.0	0.51	ug/L			06/08/16 21:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/16 21:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/16 21:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/16 21:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/16 21:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/16 21:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/16 21:35	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	88		66 - 137		06/08/16 21:35	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/08/16 21:35	1
Toluene-d8 (Surr)	93		71 - 126		06/08/16 21:35	1
Dibromofluoromethane (Surr)	89		60 - 140		06/08/16 21:35	1

Lab Sample ID: LCS 480-305732/8

Matrix: Water

Analysis Batch: 305732

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	24.1		ug/L		97	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.6		ug/L		103	52 - 148
1,1,2-Trichloroethane	25.0	24.9		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	24.1		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	25.0		ug/L		100	58 - 121
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.2		ug/L		109	56 - 134
1,2-Dibromoethane	25.0	23.9		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.1		ug/L		93	75 - 127
1,2-Dichloropropane	25.0	24.2		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	75 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	123		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	23.8		ug/L		95	80 - 122
Bromoform	25.0	26.6		ug/L		107	52 - 132
Bromomethane	25.0	25.0		ug/L		100	55 - 144
Carbon disulfide	25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	72 - 120
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	23.8		ug/L		95	74 - 124
Cyclohexane	25.0	24.7		ug/L		99	59 - 135
Dibromochloromethane	25.0	25.4		ug/L		102	75 - 125
Dichlorodifluoromethane	25.0	24.2		ug/L		97	59 - 135
Ethylbenzene	25.0	24.2		ug/L		97	77 - 123
Isopropylbenzene	25.0	25.2		ug/L		101	77 - 122
Methyl acetate	125	121		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	23.2		ug/L		93	64 - 127
Methylcyclohexane	25.0	24.8		ug/L		99	61 - 138
Methylene Chloride	25.0	24.6		ug/L		98	57 - 132
Styrene	25.0	24.3		ug/L		97	70 - 130
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	24.1		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: LCS 480-305732/8

Matrix: Water

Analysis Batch: 305732

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	25.1		ug/L		101	72 - 123
Trichloroethene	25.0	24.4		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	25.3		ug/L		101	62 - 152
Vinyl chloride	25.0	24.8		ug/L		99	65 - 133
Xylenes, Total	50.0	48.8		ug/L		98	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		66 - 137
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	95		71 - 126
Dibromofluoromethane (Surr)	94		60 - 140

Lab Sample ID: 480-101034-3 MS

Matrix: Ground Water

Analysis Batch: 305732

Client Sample ID: BCC Area A EW-1 MS_0616

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		5000	4830		ug/L		97	73 - 126
1,1,1,2-Tetrachloroethane	ND		5000	4600		ug/L		92	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5000	4950		ug/L		99	52 - 148
1,1,2-Trichloroethane	ND		5000	4720		ug/L		94	76 - 122
1,1-Dichloroethane	ND		5000	4730		ug/L		95	71 - 129
1,1-Dichloroethene	ND		5000	4790		ug/L		96	58 - 121
1,2,4-Trichlorobenzene	ND		5000	4990		ug/L		100	70 - 122
1,2-Dibromo-3-Chloropropane	ND		5000	4750		ug/L		95	56 - 134
1,2-Dibromoethane	ND		5000	4820		ug/L		96	77 - 120
1,2-Dichlorobenzene	420		5000	5070		ug/L		93	80 - 124
1,2-Dichloroethane	ND		5000	4570		ug/L		91	75 - 127
1,2-Dichloropropane	ND		5000	4710		ug/L		94	76 - 120
1,3-Dichlorobenzene	170	J	5000	4890		ug/L		94	77 - 120
1,4-Dichlorobenzene	1400		5000	6070		ug/L		92	75 - 120
2-Butanone (MEK)	ND		25000	24300		ug/L		97	57 - 140
2-Hexanone	ND		25000	23900		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		25000	23900		ug/L		95	71 - 125
Acetone	ND		25000	23400		ug/L		94	56 - 142
Benzene	130	J	5000	4800		ug/L		93	71 - 124
Bromodichloromethane	ND		5000	4670		ug/L		93	80 - 122
Bromoform	ND		5000	5020		ug/L		100	52 - 132
Bromomethane	ND		5000	4490		ug/L		90	55 - 144
Carbon disulfide	ND		5000	4670		ug/L		93	59 - 134
Carbon tetrachloride	ND		5000	4860		ug/L		97	72 - 134
Chlorobenzene	14000	F1	5000	17400		ug/L		74	72 - 120
Chloroethane	ND		5000	4470		ug/L		89	69 - 136
Chloroform	ND		5000	4500		ug/L		90	73 - 127
Chloromethane	ND		5000	3980		ug/L		80	68 - 124
cis-1,2-Dichloroethene	ND		5000	4620		ug/L		92	74 - 124
cis-1,3-Dichloropropene	ND		5000	4530		ug/L		91	74 - 124

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: 480-101034-3 MS

Matrix: Ground Water

Analysis Batch: 305732

Client Sample ID: BCC Area A EW-1 MS_0616

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Cyclohexane	ND		5000	4790		ug/L		96	59 - 135
Dibromochloromethane	ND		5000	4950		ug/L		99	75 - 125
Dichlorodifluoromethane	ND		5000	4090		ug/L		82	59 - 135
Ethylbenzene	ND		5000	4790		ug/L		96	77 - 123
Isopropylbenzene	ND		5000	4850		ug/L		97	77 - 122
Methyl acetate	ND		25000	23200		ug/L		93	74 - 133
Methyl tert-butyl ether	ND		5000	4650		ug/L		93	64 - 127
Methylcyclohexane	ND		5000	4820		ug/L		96	61 - 138
Methylene Chloride	ND		5000	4770		ug/L		95	57 - 132
Styrene	ND		5000	4750		ug/L		95	70 - 130
Tetrachloroethene	ND		5000	4800		ug/L		96	74 - 122
Toluene	ND		5000	4680		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND		5000	4710		ug/L		94	73 - 127
trans-1,3-Dichloropropene	ND		5000	4770		ug/L		95	72 - 123
Trichloroethene	ND		5000	4820		ug/L		96	74 - 123
Trichlorofluoromethane	ND		5000	4580		ug/L		92	62 - 152
Vinyl chloride	ND		5000	4330		ug/L		87	65 - 133
Xylenes, Total	ND		10000	9500		ug/L		95	76 - 122

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	87		66 - 137
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	93		71 - 126
Dibromofluoromethane (Surr)	92		60 - 140

Lab Sample ID: 480-101034-3 MSD

Matrix: Ground Water

Analysis Batch: 305732

Client Sample ID: BCC Area A EW-1 MSD_0616

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		5000	4730		ug/L		95	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		5000	4730		ug/L		95	70 - 126	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5000	4900		ug/L		98	52 - 148	1	20
1,1,2-Trichloroethane	ND		5000	4850		ug/L		97	76 - 122	3	15
1,1-Dichloroethane	ND		5000	4690		ug/L		94	71 - 129	1	20
1,1-Dichloroethene	ND		5000	4840		ug/L		97	58 - 121	1	16
1,2,4-Trichlorobenzene	ND		5000	5000		ug/L		100	70 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND		5000	4970		ug/L		99	56 - 134	5	15
1,2-Dibromoethane	ND		5000	4750		ug/L		95	77 - 120	1	15
1,2-Dichlorobenzene	420		5000	5300		ug/L		98	80 - 124	4	20
1,2-Dichloroethane	ND		5000	4670		ug/L		93	75 - 127	2	20
1,2-Dichloropropane	ND		5000	4770		ug/L		95	76 - 120	1	20
1,3-Dichlorobenzene	170	J	5000	4770		ug/L		92	77 - 120	3	20
1,4-Dichlorobenzene	1400		5000	5960		ug/L		90	75 - 120	2	20
2-Butanone (MEK)	ND		25000	25000		ug/L		100	57 - 140	3	20
2-Hexanone	ND		25000	24300		ug/L		97	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		25000	23800		ug/L		95	71 - 125	0	35

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: 480-101034-3 MSD

Matrix: Ground Water

Analysis Batch: 305732

Client Sample ID: BCC Area A EW-1 MSD_0616

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	ND		25000	24200		ug/L		97	56 - 142	3	15
Benzene	130	J	5000	4830		ug/L		94	71 - 124	1	13
Bromodichloromethane	ND		5000	4730		ug/L		95	80 - 122	1	15
Bromoform	ND		5000	5110		ug/L		102	52 - 132	2	15
Bromomethane	ND		5000	4740		ug/L		95	55 - 144	5	15
Carbon disulfide	ND		5000	4740		ug/L		95	59 - 134	1	15
Carbon tetrachloride	ND		5000	4980		ug/L		100	72 - 134	2	15
Chlorobenzene	14000	F1	5000	17000	F1	ug/L		66	72 - 120	2	25
Chloroethane	ND		5000	4570		ug/L		91	69 - 136	2	15
Chloroform	ND		5000	4660		ug/L		93	73 - 127	3	20
Chloromethane	ND		5000	4280		ug/L		86	68 - 124	7	15
cis-1,2-Dichloroethene	ND		5000	4770		ug/L		95	74 - 124	3	15
cis-1,3-Dichloropropene	ND		5000	4680		ug/L		94	74 - 124	3	15
Cyclohexane	ND		5000	4600		ug/L		92	59 - 135	4	20
Dibromochloromethane	ND		5000	5080		ug/L		102	75 - 125	3	15
Dichlorodifluoromethane	ND		5000	4160		ug/L		83	59 - 135	2	20
Ethylbenzene	ND		5000	4810		ug/L		96	77 - 123	1	15
Isopropylbenzene	ND		5000	4820		ug/L		96	77 - 122	1	20
Methyl acetate	ND		25000	23600		ug/L		95	74 - 133	2	20
Methyl tert-butyl ether	ND		5000	4720		ug/L		94	64 - 127	1	37
Methylcyclohexane	ND		5000	4800		ug/L		96	61 - 138	0	20
Methylene Chloride	ND		5000	4820		ug/L		96	57 - 132	1	15
Styrene	ND		5000	4810		ug/L		96	70 - 130	1	20
Tetrachloroethene	ND		5000	4760		ug/L		95	74 - 122	1	20
Toluene	ND		5000	4650		ug/L		93	80 - 122	0	15
trans-1,2-Dichloroethene	ND		5000	4700		ug/L		94	73 - 127	0	20
trans-1,3-Dichloropropene	ND		5000	4770		ug/L		95	72 - 123	0	15
Trichloroethene	ND		5000	4690		ug/L		94	74 - 123	3	16
Trichlorofluoromethane	ND		5000	4720		ug/L		94	62 - 152	3	20
Vinyl chloride	ND		5000	4470		ug/L		89	65 - 133	3	15
Xylenes, Total	ND		10000	9390		ug/L		94	76 - 122	1	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	87		66 - 137
4-Bromofluorobenzene (Surr)	109		73 - 120
Toluene-d8 (Surr)	95		71 - 126
Dibromofluoromethane (Surr)	92		60 - 140

Lab Sample ID: MB 480-305850/8

Matrix: Water

Analysis Batch: 305850

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			06/09/16 12:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/16 12:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/16 12:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/16 12:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/16 12:35	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: MB 480-305850/8

Matrix: Water

Analysis Batch: 305850

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/16 12:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/09/16 12:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/16 12:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/16 12:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/09/16 12:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/16 12:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/16 12:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/09/16 12:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/09/16 12:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/16 12:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/16 12:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/16 12:35	1
Acetone	ND		10	3.0	ug/L			06/09/16 12:35	1
Benzene	ND		1.0	0.41	ug/L			06/09/16 12:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/16 12:35	1
Bromoform	ND		1.0	0.26	ug/L			06/09/16 12:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/16 12:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/16 12:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/16 12:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/09/16 12:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/16 12:35	1
Chloroform	ND		1.0	0.34	ug/L			06/09/16 12:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/16 12:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/16 12:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/16 12:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/16 12:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/16 12:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/16 12:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/16 12:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/16 12:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/09/16 12:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/16 12:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/16 12:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/16 12:35	1
Styrene	ND		1.0	0.73	ug/L			06/09/16 12:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/16 12:35	1
Toluene	ND		1.0	0.51	ug/L			06/09/16 12:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/16 12:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/16 12:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/16 12:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/16 12:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/16 12:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/16 12:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		06/09/16 12:35	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/09/16 12:35	1
Toluene-d8 (Surr)	91		71 - 126		06/09/16 12:35	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: MB 480-305850/8

Matrix: Water

Analysis Batch: 305850

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery Qualifier				
Dibromofluoromethane (Surr)	89	60 - 140		06/09/16 12:35	1

Lab Sample ID: LCS 480-305850/6

Matrix: Water

Analysis Batch: 305850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.6		ug/L		98	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	24.6		ug/L		98	52 - 148
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	24.1		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	24.5		ug/L		98	58 - 121
1,2,4-Trichlorobenzene	25.0	26.4		ug/L		105	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.4		ug/L		106	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	23.9		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	75 - 120
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	152		ug/L		121	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122
Bromoform	25.0	27.1		ug/L		109	52 - 132
Bromomethane	25.0	24.5		ug/L		98	55 - 144
Carbon disulfide	25.0	24.0		ug/L		96	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	72 - 120
Chloroethane	25.0	23.9		ug/L		96	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	21.8		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	23.8		ug/L		95	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dibromochloromethane	25.0	26.0		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	21.0		ug/L		84	59 - 135
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Isopropylbenzene	25.0	25.0		ug/L		100	77 - 122
Methyl acetate	125	122		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	23.9		ug/L		95	64 - 127
Methylcyclohexane	25.0	25.0		ug/L		100	61 - 138
Methylene Chloride	25.0	24.8		ug/L		99	57 - 132
Styrene	25.0	24.9		ug/L		100	70 - 130

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: LCS 480-305850/6

Matrix: Water

Analysis Batch: 305850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	72 - 123
Trichloroethene	25.0	23.9		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 152
Vinyl chloride	25.0	23.1		ug/L		92	65 - 133
Xylenes, Total	50.0	49.1		ug/L		98	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		66 - 137
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	94		71 - 126
Dibromofluoromethane (Surr)	89		60 - 140

Lab Sample ID: LB 480-305143/1-A

Matrix: Water

Analysis Batch: 306045

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			06/10/16 12:38	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			06/10/16 12:38	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			06/10/16 12:38	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			06/10/16 12:38	10
1,1-Dichloroethane	ND		10	3.8	ug/L			06/10/16 12:38	10
1,1-Dichloroethene	ND		10	2.9	ug/L			06/10/16 12:38	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			06/10/16 12:38	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			06/10/16 12:38	10
1,2-Dibromoethane	ND		10	7.3	ug/L			06/10/16 12:38	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			06/10/16 12:38	10
1,2-Dichloroethane	ND		10	2.1	ug/L			06/10/16 12:38	10
1,2-Dichloropropane	ND		10	7.2	ug/L			06/10/16 12:38	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			06/10/16 12:38	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			06/10/16 12:38	10
2-Butanone (MEK)	ND		100	13	ug/L			06/10/16 12:38	10
2-Hexanone	ND		50	12	ug/L			06/10/16 12:38	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			06/10/16 12:38	10
Acetone	ND		100	30	ug/L			06/10/16 12:38	10
Benzene	ND		10	4.1	ug/L			06/10/16 12:38	10
Bromodichloromethane	ND		10	3.9	ug/L			06/10/16 12:38	10
Bromoform	ND		10	2.6	ug/L			06/10/16 12:38	10
Bromomethane	ND		10	6.9	ug/L			06/10/16 12:38	10
Carbon disulfide	ND		10	1.9	ug/L			06/10/16 12:38	10
Carbon tetrachloride	ND		10	2.7	ug/L			06/10/16 12:38	10
Chlorobenzene	ND		10	7.5	ug/L			06/10/16 12:38	10
Chloroethane	ND		10	3.2	ug/L			06/10/16 12:38	10
Chloroform	ND		10	3.4	ug/L			06/10/16 12:38	10
Chloromethane	ND		10	3.5	ug/L			06/10/16 12:38	10

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: LB 480-305143/1-A

Matrix: Water

Analysis Batch: 306045

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			06/10/16 12:38	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			06/10/16 12:38	10
Cyclohexane	ND		10	1.8	ug/L			06/10/16 12:38	10
Dibromochloromethane	ND		10	3.2	ug/L			06/10/16 12:38	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			06/10/16 12:38	10
Ethylbenzene	ND		10	7.4	ug/L			06/10/16 12:38	10
Isopropylbenzene	ND		10	7.9	ug/L			06/10/16 12:38	10
Methyl acetate	ND		25	13	ug/L			06/10/16 12:38	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			06/10/16 12:38	10
Methylcyclohexane	ND		10	1.6	ug/L			06/10/16 12:38	10
Methylene Chloride	ND		10	4.4	ug/L			06/10/16 12:38	10
Styrene	ND		10	7.3	ug/L			06/10/16 12:38	10
Tetrachloroethene	ND		10	3.6	ug/L			06/10/16 12:38	10
Toluene	ND		10	5.1	ug/L			06/10/16 12:38	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			06/10/16 12:38	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			06/10/16 12:38	10
Trichloroethene	ND		10	4.6	ug/L			06/10/16 12:38	10
Trichlorofluoromethane	ND		10	8.8	ug/L			06/10/16 12:38	10
Vinyl chloride	ND		10	9.0	ug/L			06/10/16 12:38	10
Xylenes, Total	ND		20	6.6	ug/L			06/10/16 12:38	10

Surrogate	LB LB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		06/10/16 12:38	10
4-Bromofluorobenzene (Surr)	96		73 - 120		06/10/16 12:38	10
Toluene-d8 (Surr)	98		71 - 126		06/10/16 12:38	10
Dibromofluoromethane (Surr)	103		60 - 140		06/10/16 12:38	10

Lab Sample ID: MB 480-306045/7

Matrix: Water

Analysis Batch: 306045

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			06/10/16 11:50	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/10/16 11:50	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/10/16 11:50	1
1,1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/10/16 11:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/10/16 11:50	1
1,1-Dichloroethane	ND		1.0	0.29	ug/L			06/10/16 11:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/10/16 11:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/10/16 11:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/10/16 11:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/10/16 11:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/10/16 11:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/10/16 11:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/10/16 11:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/10/16 11:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/10/16 11:50	1
2-Hexanone	ND		5.0	1.2	ug/L			06/10/16 11:50	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: MB 480-306045/7

Matrix: Water

Analysis Batch: 306045

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/10/16 11:50	1
Acetone	ND		10	3.0	ug/L			06/10/16 11:50	1
Benzene	ND		1.0	0.41	ug/L			06/10/16 11:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/10/16 11:50	1
Bromoform	ND		1.0	0.26	ug/L			06/10/16 11:50	1
Bromomethane	ND		1.0	0.69	ug/L			06/10/16 11:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/10/16 11:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/10/16 11:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/10/16 11:50	1
Chloroethane	ND		1.0	0.32	ug/L			06/10/16 11:50	1
Chloroform	ND		1.0	0.34	ug/L			06/10/16 11:50	1
Chloromethane	ND		1.0	0.35	ug/L			06/10/16 11:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/10/16 11:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/10/16 11:50	1
Cyclohexane	ND		1.0	0.18	ug/L			06/10/16 11:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/10/16 11:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/10/16 11:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/10/16 11:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/10/16 11:50	1
Methyl acetate	ND		2.5	1.3	ug/L			06/10/16 11:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/10/16 11:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/10/16 11:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/10/16 11:50	1
Styrene	ND		1.0	0.73	ug/L			06/10/16 11:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/10/16 11:50	1
Toluene	ND		1.0	0.51	ug/L			06/10/16 11:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/10/16 11:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/10/16 11:50	1
Trichloroethene	ND		1.0	0.46	ug/L			06/10/16 11:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/10/16 11:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/10/16 11:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/10/16 11:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		06/10/16 11:50	1
4-Bromofluorobenzene (Surr)	97		73 - 120		06/10/16 11:50	1
Toluene-d8 (Surr)	97		71 - 126		06/10/16 11:50	1
Dibromofluoromethane (Surr)	98		60 - 140		06/10/16 11:50	1

Lab Sample ID: LCS 480-306045/5

Matrix: Water

Analysis Batch: 306045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	22.5		ug/L		90	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.5		ug/L		86	52 - 148

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: LCS 480-306045/5

Matrix: Water

Analysis Batch: 306045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	23.0		ug/L		92	71 - 129
1,1-Dichloroethene	25.0	21.4		ug/L		86	58 - 121
1,2,4-Trichlorobenzene	25.0	26.1		ug/L		105	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.5		ug/L		94	56 - 134
1,2-Dibromoethane	25.0	24.1		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	21.9		ug/L		88	75 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	24.0		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.6		ug/L		94	75 - 120
2-Butanone (MEK)	125	124		ug/L		100	57 - 140
2-Hexanone	125	136		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	122		ug/L		98	56 - 142
Benzene	25.0	23.4		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.8		ug/L		95	80 - 122
Bromoform	25.0	25.9		ug/L		103	52 - 132
Bromomethane	25.0	24.1		ug/L		96	55 - 144
Carbon disulfide	25.0	20.3		ug/L		81	59 - 134
Carbon tetrachloride	25.0	22.8		ug/L		91	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	72 - 120
Chloroethane	25.0	24.7		ug/L		99	69 - 136
Chloroform	25.0	22.4		ug/L		90	73 - 127
Chloromethane	25.0	21.9		ug/L		88	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	24.8		ug/L		99	59 - 135
Dibromochloromethane	25.0	24.4		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	25.7		ug/L		103	77 - 122
Methyl acetate	125	119		ug/L		95	74 - 133
Methyl tert-butyl ether	25.0	24.5		ug/L		98	64 - 127
Methylcyclohexane	25.0	24.9		ug/L		100	61 - 138
Methylene Chloride	25.0	24.6		ug/L		99	57 - 132
Styrene	25.0	27.0		ug/L		108	70 - 130
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	22.4		ug/L		89	73 - 127
trans-1,3-Dichloropropene	25.0	25.1		ug/L		101	72 - 123
Trichloroethene	25.0	23.3		ug/L		93	74 - 123
Trichlorofluoromethane	25.0	24.3		ug/L		97	62 - 152
Vinyl chloride	25.0	22.2		ug/L		89	65 - 133
Xylenes, Total	50.0	51.3		ug/L		103	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: LCS 480-306045/5

Matrix: Water

Analysis Batch: 306045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	100		71 - 126
Dibromofluoromethane (Surr)	96		60 - 140

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

Lab Sample ID: MB 480-304916/1-A

Matrix: Water

Analysis Batch: 305097

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304916

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/03/16 07:52	06/04/16 16:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/03/16 07:52	06/04/16 16:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/03/16 07:52	06/04/16 16:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/03/16 07:52	06/04/16 16:40	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/03/16 07:52	06/04/16 16:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/03/16 07:52	06/04/16 16:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/03/16 07:52	06/04/16 16:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/03/16 07:52	06/04/16 16:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/03/16 07:52	06/04/16 16:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/03/16 07:52	06/04/16 16:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/03/16 07:52	06/04/16 16:40	1
2-Nitroaniline	ND		10	0.42	ug/L		06/03/16 07:52	06/04/16 16:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/03/16 07:52	06/04/16 16:40	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/03/16 07:52	06/04/16 16:40	1
3-Nitroaniline	ND		10	0.48	ug/L		06/03/16 07:52	06/04/16 16:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/03/16 07:52	06/04/16 16:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/03/16 07:52	06/04/16 16:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/03/16 07:52	06/04/16 16:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/03/16 07:52	06/04/16 16:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/03/16 07:52	06/04/16 16:40	1
4-Methylphenol	ND		10	0.36	ug/L		06/03/16 07:52	06/04/16 16:40	1
4-Nitroaniline	ND		10	0.25	ug/L		06/03/16 07:52	06/04/16 16:40	1
4-Nitrophenol	ND		10	1.5	ug/L		06/03/16 07:52	06/04/16 16:40	1
Acenaphthene	ND		5.0	0.41	ug/L		06/03/16 07:52	06/04/16 16:40	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/03/16 07:52	06/04/16 16:40	1
Acetophenone	ND		5.0	0.54	ug/L		06/03/16 07:52	06/04/16 16:40	1
Aniline	ND		10	0.61	ug/L		06/03/16 07:52	06/04/16 16:40	1
Anthracene	ND		5.0	0.28	ug/L		06/03/16 07:52	06/04/16 16:40	1
Atrazine	ND		5.0	0.46	ug/L		06/03/16 07:52	06/04/16 16:40	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/03/16 07:52	06/04/16 16:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/03/16 07:52	06/04/16 16:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/03/16 07:52	06/04/16 16:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/03/16 07:52	06/04/16 16:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/03/16 07:52	06/04/16 16:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/03/16 07:52	06/04/16 16:40	1
Biphenyl	ND		5.0	0.65	ug/L		06/03/16 07:52	06/04/16 16:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/03/16 07:52	06/04/16 16:40	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: MB 480-304916/1-A

Matrix: Water

Analysis Batch: 305097

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304916

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/03/16 07:52	06/04/16 16:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/03/16 07:52	06/04/16 16:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/03/16 07:52	06/04/16 16:40	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/03/16 07:52	06/04/16 16:40	1
Caprolactam	ND		5.0	2.2	ug/L		06/03/16 07:52	06/04/16 16:40	1
Carbazole	ND		5.0	0.30	ug/L		06/03/16 07:52	06/04/16 16:40	1
Chrysene	ND		5.0	0.33	ug/L		06/03/16 07:52	06/04/16 16:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/03/16 07:52	06/04/16 16:40	1
Dibenzofuran	ND		10	0.51	ug/L		06/03/16 07:52	06/04/16 16:40	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/03/16 07:52	06/04/16 16:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/03/16 07:52	06/04/16 16:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/03/16 07:52	06/04/16 16:40	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/03/16 07:52	06/04/16 16:40	1
Fluoranthene	ND		5.0	0.40	ug/L		06/03/16 07:52	06/04/16 16:40	1
Fluorene	ND		5.0	0.36	ug/L		06/03/16 07:52	06/04/16 16:40	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/03/16 07:52	06/04/16 16:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/03/16 07:52	06/04/16 16:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/03/16 07:52	06/04/16 16:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/03/16 07:52	06/04/16 16:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/03/16 07:52	06/04/16 16:40	1
Isophorone	ND		5.0	0.43	ug/L		06/03/16 07:52	06/04/16 16:40	1
Naphthalene	ND		5.0	0.76	ug/L		06/03/16 07:52	06/04/16 16:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/03/16 07:52	06/04/16 16:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/03/16 07:52	06/04/16 16:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/03/16 07:52	06/04/16 16:40	1
Pentachlorophenol	ND		10	2.2	ug/L		06/03/16 07:52	06/04/16 16:40	1
Phenanthrene	ND		5.0	0.44	ug/L		06/03/16 07:52	06/04/16 16:40	1
Phenol	ND		5.0	0.39	ug/L		06/03/16 07:52	06/04/16 16:40	1
Pyrene	ND		5.0	0.34	ug/L		06/03/16 07:52	06/04/16 16:40	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	83		52 - 132	06/03/16 07:52	06/04/16 16:40	1
2-Fluorobiphenyl	93		48 - 120	06/03/16 07:52	06/04/16 16:40	1
2-Fluorophenol	77		20 - 120	06/03/16 07:52	06/04/16 16:40	1
Nitrobenzene-d5	102		46 - 120	06/03/16 07:52	06/04/16 16:40	1
Phenol-d5	54		16 - 120	06/03/16 07:52	06/04/16 16:40	1
p-Terphenyl-d14	107		67 - 150	06/03/16 07:52	06/04/16 16:40	1

Lab Sample ID: LCS 480-304916/2-A

Matrix: Water

Analysis Batch: 305097

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304916

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
2,4,5-Trichlorophenol	16.0	13.7		ug/L		86	65 - 126
2,4,6-Trichlorophenol	16.0	14.3		ug/L		89	64 - 120
2,4-Dichlorophenol	16.0	13.1		ug/L		82	64 - 120
2,4-Dimethylphenol	16.0	12.9		ug/L		81	57 - 120
2,4-Dinitrophenol	32.0	22.1		ug/L		69	42 - 153

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: LCS 480-304916/2-A

Matrix: Water

Analysis Batch: 305097

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304916

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	16.0	14.4		ug/L		90	65 - 154
2,6-Dinitrotoluene	16.0	13.6		ug/L		85	74 - 134
2-Chloronaphthalene	16.0	13.4		ug/L		84	41 - 124
2-Chlorophenol	16.0	12.8		ug/L		80	48 - 120
2-Methylnaphthalene	16.0	13.1		ug/L		82	34 - 122
2-Methylphenol	16.0	12.6		ug/L		79	39 - 120
2-Nitroaniline	16.0	13.9		ug/L		87	67 - 136
2-Nitrophenol	16.0	13.4		ug/L		84	59 - 120
3,3'-Dichlorobenzidine	32.0	30.5		ug/L		95	33 - 140
3-Nitroaniline	16.0	14.7		ug/L		92	28 - 130
4,6-Dinitro-2-methylphenol	32.0	26.5		ug/L		83	64 - 159
4-Bromophenyl phenyl ether	16.0	13.6		ug/L		85	71 - 126
4-Chloro-3-methylphenol	16.0	14.4		ug/L		90	64 - 120
4-Chloroaniline	16.0	12.5		ug/L		78	10 - 130
4-Chlorophenyl phenyl ether	16.0	13.7		ug/L		85	71 - 122
4-Methylphenol	16.0	12.9		ug/L		80	39 - 120
4-Nitroaniline	16.0	13.6		ug/L		85	47 - 130
4-Nitrophenol	32.0	20.4		ug/L		64	16 - 120
Acenaphthene	16.0	13.2		ug/L		83	60 - 120
Acenaphthylene	16.0	13.1		ug/L		82	63 - 120
Acetophenone	16.0	13.5		ug/L		85	45 - 120
Aniline	16.0	9.19	J	ug/L		57	37 - 120
Anthracene	16.0	13.5		ug/L		84	58 - 148
Atrazine	32.0	32.3		ug/L		101	56 - 179
Benzaldehyde	32.0	26.1		ug/L		82	30 - 140
Benzo(a)anthracene	16.0	15.1		ug/L		95	55 - 151
Benzo(a)pyrene	16.0	15.4		ug/L		96	60 - 145
Benzo(b)fluoranthene	16.0	16.2		ug/L		101	54 - 140
Benzo(g,h,i)perylene	16.0	15.8		ug/L		99	66 - 152
Benzo(k)fluoranthene	16.0	15.2		ug/L		95	51 - 153
Biphenyl	16.0	13.2		ug/L		82	30 - 140
bis (2-chloroisopropyl) ether	16.0	13.3		ug/L		83	28 - 136
Bis(2-chloroethoxy)methane	16.0	13.3		ug/L		83	50 - 128
Bis(2-chloroethyl)ether	16.0	13.2		ug/L		82	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	16.4		ug/L		102	53 - 158
Butyl benzyl phthalate	16.0	16.2		ug/L		101	58 - 163
Caprolactam	32.0	11.9		ug/L		37	14 - 130
Carbazole	16.0	15.4		ug/L		96	59 - 148
Chrysene	16.0	15.2		ug/L		95	69 - 140
Dibenz(a,h)anthracene	16.0	16.0		ug/L		100	57 - 148
Dibenzofuran	16.0	13.5		ug/L		85	49 - 137
Diethyl phthalate	16.0	14.2		ug/L		89	59 - 146
Dimethyl phthalate	16.0	14.4		ug/L		90	59 - 141
Di-n-butyl phthalate	16.0	15.4		ug/L		96	58 - 149
Di-n-octyl phthalate	16.0	16.1		ug/L		101	55 - 167
Fluoranthene	16.0	15.1		ug/L		95	55 - 147
Fluorene	16.0	13.5		ug/L		85	55 - 143
Hexachlorobenzene	16.0	13.6		ug/L		85	14 - 130

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: LCS 480-304916/2-A

Matrix: Water

Analysis Batch: 305097

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304916

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	16.0	11.5		ug/L		72	14 - 130
Hexachlorocyclopentadiene	16.0	10.6		ug/L		66	13 - 130
Hexachloroethane	16.0	11.8		ug/L		74	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	16.2		ug/L		101	69 - 146
Isophorone	16.0	14.2		ug/L		89	48 - 133
Naphthalene	16.0	12.4		ug/L		78	35 - 130
Nitrobenzene	16.0	13.3		ug/L		83	45 - 123
N-Nitrosodi-n-propylamine	16.0	13.2		ug/L		82	56 - 120
N-Nitrosodiphenylamine	16.0	13.4		ug/L		84	25 - 125
Pentachlorophenol	32.0	26.5		ug/L		83	39 - 136
Phenanthrene	16.0	14.2		ug/L		89	57 - 147
Phenol	16.0	9.21		ug/L		58	17 - 120
Pyrene	16.0	14.5		ug/L		91	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	80		52 - 132
2-Fluorobiphenyl	81		48 - 120
2-Fluorophenol	73		20 - 120
Nitrobenzene-d5	83		46 - 120
Phenol-d5	55		16 - 120
p-Terphenyl-d14	96		67 - 150

Lab Sample ID: 480-101034-3 MS

Matrix: Ground Water

Analysis Batch: 305097

Client Sample ID: BCC Area A EW-1 MS_0616

Prep Type: Total/NA

Prep Batch: 304916

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND	F1	15.0	ND	F1	ug/L		0	65 - 126
2,4,6-Trichlorophenol	ND	F1	15.0	ND	F1	ug/L		0	64 - 120
2,4-Dichlorophenol	ND		15.0	16.7	J	ug/L		112	64 - 120
2,4-Dimethylphenol	ND		15.0	9.43	J	ug/L		63	57 - 120
2,4-Dinitrophenol	ND		29.9	ND		ug/L		NC	42 - 153
2,4-Dinitrotoluene	ND	F1	15.0	ND	F1	ug/L		0	62 - 148
2,6-Dinitrotoluene	ND		15.0	19.6	J	ug/L		131	65 - 154
2-Chloronaphthalene	ND		15.0	10.7	J	ug/L		71	41 - 124
2-Chlorophenol	22	J F1	15.0	27.6	J F1	ug/L		39	48 - 120
2-Methylnaphthalene	ND	F1	15.0	ND	F1	ug/L		0	34 - 122
2-Methylphenol	ND	F2	15.0	8.05	J	ug/L		54	39 - 120
2-Nitroaniline	ND	F1	15.0	19.1	J	ug/L		128	67 - 136
2-Nitrophenol	ND	F1	15.0	ND	F1	ug/L		0	59 - 120
3,3'-Dichlorobenzidine	ND		29.9	25.8	J	ug/L		86	33 - 140
3-Nitroaniline	ND	F1	15.0	ND	F1	ug/L		0	69 - 129
4,6-Dinitro-2-methylphenol	ND		29.9	42.3	J	ug/L		NC	64 - 159
4-Bromophenyl phenyl ether	ND		15.0	11.6	J	ug/L		78	71 - 126
4-Chloro-3-methylphenol	ND	F1	15.0	8.75	J F1	ug/L		58	64 - 120
4-Chloroaniline	33	J F1 F2	15.0	21.4	J F1	ug/L		-74	60 - 124
4-Chlorophenyl phenyl ether	ND		15.0	11.1	J	ug/L		74	48 - 145
4-Methylphenol	ND	F2	15.0	8.34	J	ug/L		56	36 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: 480-101034-3 MS

Matrix: Ground Water

Analysis Batch: 305097

Client Sample ID: BCC Area A EW-1 MS_0616

Prep Type: Total/NA

Prep Batch: 304916

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Nitroaniline	ND	F1	15.0	ND	F1	ug/L		0	64 - 135
4-Nitrophenol	ND	F1	29.9	ND	F1	ug/L		0	16 - 120
Acenaphthene	ND	F2	15.0	12.4	J	ug/L		83	60 - 120
Acenaphthylene	ND		15.0	10.5	J	ug/L		70	63 - 120
Acetophenone	ND	F1	15.0	ND	F1	ug/L		0	45 - 120
Aniline	14	J	15.0	19.2	J	ug/L		38	37 - 120
Anthracene	ND	F2	15.0	12.7	J	ug/L		85	58 - 148
Atrazine	ND	F2	29.9	24.8	J	ug/L		83	56 - 179
Benzaldehyde	ND	F2	29.9	17.8	J	ug/L		59	30 - 140
Benzo(a)anthracene	ND		15.0	12.3	J	ug/L		82	55 - 151
Benzo(a)pyrene	ND	F1	15.0	9.46	J	ug/L		63	60 - 145
Benzo(b)fluoranthene	ND		15.0	10.3	J	ug/L		69	54 - 140
Benzo(g,h,i)perylene	ND	F1 F2	15.0	9.93	J	ug/L		66	66 - 152
Benzo(k)fluoranthene	ND	F1	15.0	ND	F1	ug/L		0	51 - 153
Biphenyl	ND	F1	15.0	ND	F1	ug/L		0	30 - 140
bis (2-chloroisopropyl) ether	ND		15.0	9.81	J	ug/L		66	28 - 136
Bis(2-chloroethoxy)methane	ND		15.0	10.3	J	ug/L		69	50 - 128
Bis(2-chloroethyl)ether	ND	F2	15.0	9.21	J	ug/L		62	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.0	ND		ug/L		NC	53 - 158
Butyl benzyl phthalate	ND		15.0	ND		ug/L		NC	58 - 163
Caprolactam	ND		29.9	ND		ug/L		NC	30 - 140
Carbazole	ND		15.0	12.9	J	ug/L		86	59 - 148
Chrysene	ND		15.0	11.4	J	ug/L		76	69 - 140
Dibenz(a,h)anthracene	ND	F1	15.0	ND	F1	ug/L		0	57 - 158
Dibenzofuran	ND	F2	15.0	10.1	J	ug/L		67	49 - 137
Diethyl phthalate	ND	F2	15.0	12.0	J	ug/L		80	59 - 146
Dimethyl phthalate	ND	F2	15.0	11.0	J	ug/L		73	59 - 141
Di-n-butyl phthalate	ND		15.0	12.5	J	ug/L		84	58 - 149
Di-n-octyl phthalate	ND		15.0	17.1	J	ug/L		114	55 - 167
Fluoranthene	ND		15.0	12.4	J	ug/L		83	55 - 147
Fluorene	ND	F2	15.0	11.7	J	ug/L		78	55 - 143
Hexachlorobenzene	ND	F2	15.0	12.2	J	ug/L		81	38 - 131
Hexachlorobutadiene	ND	F1	15.0	ND	F1	ug/L		0	14 - 130
Hexachlorocyclopentadiene	ND	F1	15.0	ND	F1	ug/L		0	13 - 130
Hexachloroethane	ND	F1	15.0	ND	F1	ug/L		0	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.0	ND	F1	ug/L		0	69 - 146
Isophorone	ND	F2	15.0	8.68	J	ug/L		58	48 - 133
Naphthalene	ND	F1	15.0	ND	F1	ug/L		0	35 - 130
Nitrobenzene	ND		15.0	11.1	J	ug/L		74	45 - 123
N-Nitrosodi-n-propylamine	ND	F1	15.0	ND	F1	ug/L		0	56 - 120
N-Nitrosodiphenylamine	60	J F2	15.0	65.4	J	ug/L		38	25 - 125
Pentachlorophenol	ND		29.9	ND		ug/L		NC	39 - 136
Phenanthrene	ND		15.0	12.8	J	ug/L		86	57 - 147
Phenol	ND		15.0	7.73	J	ug/L		52	17 - 120
Pyrene	ND		15.0	12.2	J	ug/L		82	58 - 136

Surrogate	MS MS %Recovery	MS MS Qualifier	Limits
2,4,6-Tribromophenol	86		52 - 132

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: 480-101034-3 MS

Matrix: Ground Water

Analysis Batch: 305097

Client Sample ID: BCC Area A EW-1 MS_0616

Prep Type: Total/NA

Prep Batch: 304916

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	62		48 - 120
2-Fluorophenol	51		20 - 120
Nitrobenzene-d5	58		46 - 120
Phenol-d5	40		16 - 120
p-Terphenyl-d14	70		67 - 150

Lab Sample ID: 480-101034-3 MSD

Matrix: Ground Water

Analysis Batch: 305097

Client Sample ID: BCC Area A EW-1 MSD_0616

Prep Type: Total/NA

Prep Batch: 304916

Analyte	Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
2,4,5-Trichlorophenol	ND	F1	14.9	ND	F1	ug/L		0	65 - 126	NC	18	
2,4,6-Trichlorophenol	ND	F1	14.9	ND	F1	ug/L		0	64 - 120	NC	19	
2,4-Dichlorophenol	ND		14.9	17.3	J	ug/L		117	64 - 120	4	19	
2,4-Dimethylphenol	ND		14.9	12.2	J	ug/L		82	57 - 120	25	42	
2,4-Dinitrophenol	ND		29.7	ND		ug/L		NC	42 - 153	NC	22	
2,4-Dinitrotoluene	ND	F1	14.9	ND	F1	ug/L		0	62 - 148	NC	20	
2,6-Dinitrotoluene	ND		14.9	18.9	J	ug/L		127	65 - 154	4	15	
2-Chloronaphthalene	ND		14.9	12.5	J	ug/L		84	41 - 124	16	21	
2-Chlorophenol	22	J F1	14.9	32.2	J	ug/L		70	48 - 120	15	25	
2-Methylnaphthalene	ND	F1	14.9	12.7	J	ug/L		86	34 - 122	NC	21	
2-Methylphenol	ND	F2	14.9	10.9	J F2	ug/L		73	39 - 120	30	27	
2-Nitroaniline	ND	F1	14.9	ND	F1	ug/L		0	67 - 136	NC	15	
2-Nitrophenol	ND	F1	14.9	11.5	J	ug/L		78	59 - 120	NC	18	
3,3'-Dichlorobenzidine	ND		29.7	27.6	J	ug/L		93	33 - 140	7	25	
3-Nitroaniline	ND	F1	14.9	ND	F1	ug/L		0	69 - 129	NC	19	
4,6-Dinitro-2-methylphenol	ND		29.7	44.5	J	ug/L		NC	64 - 159	5	15	
4-Bromophenyl phenyl ether	ND		14.9	12.3	J	ug/L		82	71 - 126	5	15	
4-Chloro-3-methylphenol	ND	F1	14.9	11.3	J	ug/L		76	64 - 120	26	27	
4-Chloroaniline	33	J F1 F2	14.9	43.5	J F2	ug/L		73	60 - 124	68	22	
4-Chlorophenyl phenyl ether	ND		14.9	12.5	J	ug/L		84	48 - 145	12	16	
4-Methylphenol	ND	F2	14.9	10.9	J F2	ug/L		73	36 - 120	27	24	
4-Nitroaniline	ND	F1	14.9	ND	F1	ug/L		0	64 - 135	NC	24	
4-Nitrophenol	ND	F1	29.7	ND	F1	ug/L		0	16 - 120	NC	48	
Acenaphthene	ND	F2	14.9	16.1	J F2	ug/L		109	60 - 120	26	24	
Acenaphthylene	ND		14.9	12.4	J	ug/L		83	63 - 120	17	18	
Acetophenone	ND	F1	14.9	12.2	J	ug/L		82	45 - 120	NC	20	
Aniline	14	J	14.9	23.6	J	ug/L		68	37 - 120	20	30	
Anthracene	ND	F2	14.9	15.0	J F2	ug/L		101	58 - 148	17	15	
Atrazine	ND	F2	29.7	30.5	J F2	ug/L		103	56 - 179	21	20	
Benzaldehyde	ND	F2	29.7	26.2	J F2	ug/L		88	30 - 140	39	20	
Benzo(a)anthracene	ND		14.9	13.0	J	ug/L		87	55 - 151	5	15	
Benzo(a)pyrene	ND	F1	14.9	8.71	J F1	ug/L		59	60 - 145	8	15	
Benzo(b)fluoranthene	ND		14.9	9.59	J	ug/L		65	54 - 140	7	15	
Benzo(g,h,i)perylene	ND	F1 F2	14.9	7.84	J F1 F2	ug/L		53	66 - 152	24	15	
Benzo(k)fluoranthene	ND	F1	14.9	ND	F1	ug/L		0	51 - 153	NC	22	
Biphenyl	ND	F1	14.9	13.5	J	ug/L		91	30 - 140	NC	20	
bis (2-chloroisopropyl) ether	ND		14.9	12.2	J	ug/L		82	28 - 136	21	24	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: 480-101034-3 MSD

Matrix: Ground Water

Analysis Batch: 305097

Client Sample ID: BCC Area A EW-1 MSD_0616

Prep Type: Total/NA

Prep Batch: 304916

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bis(2-chloroethoxy)methane	ND		14.9	11.0	J	ug/L		74	50 - 128	7	17
Bis(2-chloroethyl)ether	ND	F2	14.9	12.8	J F2	ug/L		86	51 - 120	33	21
Bis(2-ethylhexyl) phthalate	ND		14.9	ND		ug/L		NC	53 - 158	NC	15
Butyl benzyl phthalate	ND		14.9	ND		ug/L		NC	58 - 163	NC	16
Caprolactam	ND		29.7	ND		ug/L		NC	30 - 140	NC	20
Carbazole	ND		14.9	15.3	J	ug/L		103	59 - 148	17	20
Chrysene	ND		14.9	11.0	J	ug/L		74	69 - 140	4	15
Dibenz(a,h)anthracene	ND	F1	14.9	ND	F1	ug/L		0	57 - 158	NC	15
Dibenzofuran	ND	F2	14.9	13.5	J F2	ug/L		91	49 - 137	29	15
Diethyl phthalate	ND	F2	14.9	14.2	J F2	ug/L		96	59 - 146	17	15
Dimethyl phthalate	ND	F2	14.9	14.3	J F2	ug/L		96	59 - 141	26	15
Di-n-butyl phthalate	ND		14.9	14.0	J	ug/L		94	58 - 149	11	15
Di-n-octyl phthalate	ND		14.9	14.9	J	ug/L		100	55 - 167	14	16
Fluoranthene	ND		14.9	14.1	J	ug/L		95	55 - 147	13	15
Fluorene	ND	F2	14.9	14.3	J F2	ug/L		96	55 - 143	20	15
Hexachlorobenzene	ND	F2	14.9	14.5	J F2	ug/L		97	38 - 131	17	15
Hexachlorobutadiene	ND	F1	14.9	ND	F1	ug/L		0	14 - 130	NC	44
Hexachlorocyclopentadiene	ND	F1	14.9	ND	F1	ug/L		0	13 - 130	NC	49
Hexachloroethane	ND	F1	14.9	ND	F1	ug/L		0	14 - 130	NC	46
Indeno(1,2,3-cd)pyrene	ND	F1	14.9	ND	F1	ug/L		0	69 - 146	NC	15
Isophorone	ND	F2	14.9	13.1	J F2	ug/L		88	48 - 133	40	17
Naphthalene	ND	F1	14.9	ND	F1	ug/L		0	35 - 130	NC	29
Nitrobenzene	ND		14.9	13.8	J	ug/L		93	45 - 123	22	24
N-Nitrosodi-n-propylamine	ND	F1	14.9	10.8	J	ug/L		73	56 - 120	NC	31
N-Nitrosodiphenylamine	60	J F2	14.9	77.9	J 4 F2	ug/L		123	25 - 125	18	15
Pentachlorophenol	ND		29.7	ND		ug/L		NC	39 - 136	NC	37
Phenanthrene	ND		14.9	14.9	J	ug/L		100	57 - 147	15	15
Phenol	ND		14.9	7.82	J	ug/L		53	17 - 120	1	34
Pyrene	ND		14.9	14.1	J	ug/L		95	58 - 136	14	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	101		52 - 132
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol	63		20 - 120
Nitrobenzene-d5	78		46 - 120
Phenol-d5	45		16 - 120
p-Terphenyl-d14	63	X	67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-304894/1-A

Matrix: Water

Analysis Batch: 305252

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304894

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		06/03/16 07:45	06/06/16 11:09	1
Antimony	ND		0.020	0.0068	mg/L		06/03/16 07:45	06/06/16 11:09	1
Arsenic	ND		0.015	0.0056	mg/L		06/03/16 07:45	06/06/16 11:09	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: MB 480-304894/1-A

Matrix: Water

Analysis Batch: 305252

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304894

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Barium	0.000800	J	0.0020	0.00070	mg/L		06/03/16 07:45	06/06/16 11:09	1
Beryllium	ND		0.0020	0.00030	mg/L		06/03/16 07:45	06/06/16 11:09	1
Cadmium	ND		0.0020	0.00050	mg/L		06/03/16 07:45	06/06/16 11:09	1
Calcium	ND		0.50	0.10	mg/L		06/03/16 07:45	06/06/16 11:09	1
Chromium	ND		0.0040	0.0010	mg/L		06/03/16 07:45	06/06/16 11:09	1
Cobalt	ND		0.0040	0.00063	mg/L		06/03/16 07:45	06/06/16 11:09	1
Copper	ND		0.010	0.0016	mg/L		06/03/16 07:45	06/06/16 11:09	1
Iron	0.0195	J	0.050	0.019	mg/L		06/03/16 07:45	06/06/16 11:09	1
Lead	ND		0.010	0.0030	mg/L		06/03/16 07:45	06/06/16 11:09	1
Magnesium	ND		0.20	0.043	mg/L		06/03/16 07:45	06/06/16 11:09	1
Manganese	0.000480	J	0.0030	0.00040	mg/L		06/03/16 07:45	06/06/16 11:09	1
Nickel	ND		0.010	0.0013	mg/L		06/03/16 07:45	06/06/16 11:09	1
Potassium	ND		0.50	0.10	mg/L		06/03/16 07:45	06/06/16 11:09	1
Selenium	ND		0.025	0.0087	mg/L		06/03/16 07:45	06/06/16 11:09	1
Silver	ND		0.0060	0.0017	mg/L		06/03/16 07:45	06/06/16 11:09	1
Sodium	ND		1.0	0.32	mg/L		06/03/16 07:45	06/06/16 11:09	1
Thallium	ND		0.020	0.010	mg/L		06/03/16 07:45	06/06/16 11:09	1
Vanadium	ND		0.0050	0.0015	mg/L		06/03/16 07:45	06/06/16 11:09	1
Zinc	0.00186	J	0.010	0.0015	mg/L		06/03/16 07:45	06/06/16 11:09	1

Lab Sample ID: LCS 480-304894/2-A

Matrix: Water

Analysis Batch: 305252

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.199		mg/L		100	80 - 120
Arsenic	0.200	0.203		mg/L		101	80 - 120
Barium	0.200	0.204		mg/L		102	80 - 120
Beryllium	0.200	0.199		mg/L		99	80 - 120
Cadmium	0.200	0.197		mg/L		99	80 - 120
Calcium	10.0	9.75		mg/L		98	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.200	0.192		mg/L		96	80 - 120
Copper	0.200	0.196		mg/L		98	80 - 120
Iron	10.0	10.12		mg/L		101	80 - 120
Lead	0.200	0.197		mg/L		98	80 - 120
Magnesium	10.0	10.29		mg/L		103	80 - 120
Manganese	0.200	0.196		mg/L		98	80 - 120
Nickel	0.200	0.192		mg/L		96	80 - 120
Potassium	10.0	9.95		mg/L		99	80 - 120
Selenium	0.200	0.208		mg/L		104	80 - 120
Silver	0.0500	0.0503		mg/L		101	80 - 120
Sodium	10.0	9.87		mg/L		99	80 - 120
Thallium	0.200	0.202		mg/L		101	80 - 120
Vanadium	0.200	0.200		mg/L		100	80 - 120
Zinc	0.200	0.192		mg/L		96	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: 480-101034-3 MS

Matrix: Ground Water

Analysis Batch: 305154

Client Sample ID: BCC Area A EW-1 MS_0616

Prep Type: Total/NA

Prep Batch: 304894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	
Aluminum	ND		10.0	9.74		mg/L		97	75 - 125	
Antimony	ND		0.200	0.202		mg/L		101	75 - 125	
Arsenic	0.027		0.200	0.234		mg/L		103	75 - 125	
Barium	0.057	B	0.200	0.252		mg/L		98	75 - 125	
Beryllium	ND		0.200	0.192		mg/L		96	75 - 125	
Cadmium	ND		0.200	0.196		mg/L		98	75 - 125	
Calcium	162		10.0	172.2	4	mg/L		97	75 - 125	
Chromium	0.0021	J	0.200	0.192		mg/L		95	75 - 125	
Cobalt	ND		0.200	0.196		mg/L		98	75 - 125	
Copper	0.17	F1	0.200	0.205	F1	mg/L		19	75 - 125	
Iron	6.2	B	10.0	15.83		mg/L		96	75 - 125	
Lead	0.0093	J	0.200	0.203		mg/L		97	75 - 125	
Magnesium	18.5		10.0	28.53		mg/L		100	75 - 125	
Manganese	0.62	B	0.200	0.823		mg/L		99	75 - 125	
Nickel	ND		0.200	0.193		mg/L		97	75 - 125	
Potassium	32.7		10.0	43.00		mg/L		103	75 - 125	
Selenium	ND		0.200	0.203		mg/L		101	75 - 125	
Silver	ND		0.0500	0.0498		mg/L		100	75 - 125	
Sodium	144		10.0	155.0	4	mg/L		112	75 - 125	
Thallium	ND		0.200	0.195		mg/L		97	75 - 125	
Vanadium	ND		0.200	0.197		mg/L		98	75 - 125	
Zinc	0.061	F1 B	0.200	0.208	F1	mg/L		74	75 - 125	

Lab Sample ID: 480-101034-3 MSD

Matrix: Ground Water

Analysis Batch: 305154

Client Sample ID: BCC Area A EW-1 MSD_0616

Prep Type: Total/NA

Prep Batch: 304894

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
				Result	Qualifier				Limits	RPD	Limit	
Aluminum	ND		10.0	10.02		mg/L		100	75 - 125	3	20	
Antimony	ND		0.200	0.208		mg/L		104	75 - 125	3	20	
Arsenic	0.027		0.200	0.237		mg/L		105	75 - 125	1	20	
Barium	0.057	B	0.200	0.259		mg/L		101	75 - 125	3	20	
Beryllium	ND		0.200	0.197		mg/L		98	75 - 125	2	20	
Cadmium	ND		0.200	0.200		mg/L		100	75 - 125	2	20	
Calcium	162		10.0	175.5	4	mg/L		131	75 - 125	2	20	
Chromium	0.0021	J	0.200	0.197		mg/L		97	75 - 125	3	20	
Cobalt	ND		0.200	0.200		mg/L		100	75 - 125	2	20	
Copper	0.17	F1	0.200	0.247	F1	mg/L		40	75 - 125	18	20	
Iron	6.2	B	10.0	16.21		mg/L		100	75 - 125	2	20	
Lead	0.0093	J	0.200	0.208		mg/L		99	75 - 125	2	20	
Magnesium	18.5		10.0	29.06		mg/L		105	75 - 125	2	20	
Manganese	0.62	B	0.200	0.836		mg/L		106	75 - 125	2	20	
Nickel	ND		0.200	0.196		mg/L		98	75 - 125	1	20	
Potassium	32.7		10.0	43.83		mg/L		112	75 - 125	2	20	
Selenium	ND		0.200	0.206		mg/L		103	75 - 125	2	20	
Silver	ND		0.0500	0.0516		mg/L		103	75 - 125	3	20	
Sodium	144		10.0	159.1	4	mg/L		154	75 - 125	3	20	
Thallium	ND		0.200	0.198		mg/L		99	75 - 125	2	20	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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

Lab Sample ID: 480-101034-3 MSD
 Matrix: Ground Water
 Analysis Batch: 305154

Client Sample ID: BCC Area A EW-1 MSD_0616
 Prep Type: Total/NA
 Prep Batch: 304894

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vanadium	ND		0.200	0.199		mg/L		100	75 - 125	1	20
Zinc	0.061	F1 B	0.200	0.219		mg/L		79	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-305343/1-A
 Matrix: Water
 Analysis Batch: 305472

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 305343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/07/16 08:25	06/07/16 12:08	1

Lab Sample ID: LCS 480-305343/2-A
 Matrix: Water
 Analysis Batch: 305472

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 305343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00660		mg/L		99	80 - 120

Lab Sample ID: 480-101034-3 MS
 Matrix: Ground Water
 Analysis Batch: 305472

Client Sample ID: BCC Area A EW-1 MS_0616
 Prep Type: Total/NA
 Prep Batch: 305343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00683		mg/L		102	80 - 120

Lab Sample ID: 480-101034-3 MSD
 Matrix: Ground Water
 Analysis Batch: 305472

Client Sample ID: BCC Area A EW-1 MSD_0616
 Prep Type: Total/NA
 Prep Batch: 305343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00680		mg/L		102	80 - 120	0	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

GC/MS VOA

Leach Batch: 305143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-305143/1-A	Method Blank	Total/NA	Water	1311	

Analysis Batch: 305732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1	BCC Area A ICM-101_0616	Total/NA	Ground Water	8260C	
480-101034-3	BCC Area A EW-1_0616	Total/NA	Ground Water	8260C	
480-101034-3 MS	BCC Area A EW-1 MS_0616	Total/NA	Ground Water	8260C	
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	Total/NA	Ground Water	8260C	
480-101034-4	BCC Area A EW-2_0616	Total/NA	Ground Water	8260C	
480-101034-5	BCC Area A EW-3A_0616	Total/NA	Ground Water	8260C	
480-101034-6	BCC Area A EW-4_0616	Total/NA	Ground Water	8260C	
480-101034-7	BCC Area A EW-5_0616	Total/NA	Ground Water	8260C	
480-101034-8	BCC Area A EW-1 D_0616	Total/NA	Ground Water	8260C	
480-101034-9	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-305732/8	Lab Control Sample	Total/NA	Water	8260C	
MB 480-305732/10	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 305850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1 - DL	BCC Area A ICM-101_0616	Total/NA	Ground Water	8260C	
LCS 480-305850/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-305850/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 306045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-2	BCC Area A RFI-26_0616	Total/NA	Ground Water	8260C	
LB 480-305143/1-A	Method Blank	Total/NA	Water	8260C	305143
LCS 480-306045/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-306045/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 304916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1	BCC Area A ICM-101_0616	Total/NA	Ground Water	3510C	
480-101034-2	BCC Area A RFI-26_0616	Total/NA	Ground Water	3510C	
480-101034-3	BCC Area A EW-1_0616	Total/NA	Ground Water	3510C	
480-101034-3 MS	BCC Area A EW-1 MS_0616	Total/NA	Ground Water	3510C	
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	Total/NA	Ground Water	3510C	
480-101034-4	BCC Area A EW-2_0616	Total/NA	Ground Water	3510C	
480-101034-5	BCC Area A EW-3A_0616	Total/NA	Ground Water	3510C	
480-101034-6	BCC Area A EW-4_0616	Total/NA	Ground Water	3510C	
480-101034-7	BCC Area A EW-5_0616	Total/NA	Ground Water	3510C	
480-101034-8	BCC Area A EW-1 D_0616	Total/NA	Ground Water	3510C	
LCS 480-304916/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-304916/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 305097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1	BCC Area A ICM-101_0616	Total/NA	Ground Water	8270D	304916

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

GC/MS Semi VOA (Continued)

Analysis Batch: 305097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-2	BCC Area A RFI-26_0616	Total/NA	Ground Water	8270D	304916
480-101034-3	BCC Area A EW-1_0616	Total/NA	Ground Water	8270D	304916
480-101034-3 MS	BCC Area A EW-1 MS_0616	Total/NA	Ground Water	8270D	304916
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	Total/NA	Ground Water	8270D	304916
480-101034-4	BCC Area A EW-2_0616	Total/NA	Ground Water	8270D	304916
480-101034-5	BCC Area A EW-3A_0616	Total/NA	Ground Water	8270D	304916
480-101034-7	BCC Area A EW-5_0616	Total/NA	Ground Water	8270D	304916
480-101034-8	BCC Area A EW-1 D_0616	Total/NA	Ground Water	8270D	304916
LCS 480-304916/2-A	Lab Control Sample	Total/NA	Water	8270D	304916
MB 480-304916/1-A	Method Blank	Total/NA	Water	8270D	304916

Analysis Batch: 305430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-6	BCC Area A EW-4_0616	Total/NA	Ground Water	8270D	304916

Metals

Prep Batch: 304894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1	BCC Area A ICM-101_0616	Total/NA	Ground Water	3005A	
480-101034-2	BCC Area A RFI-26_0616	Total/NA	Ground Water	3005A	
480-101034-3	BCC Area A EW-1_0616	Total/NA	Ground Water	3005A	
480-101034-3 MS	BCC Area A EW-1 MS_0616	Total/NA	Ground Water	3005A	
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	Total/NA	Ground Water	3005A	
480-101034-4	BCC Area A EW-2_0616	Total/NA	Ground Water	3005A	
480-101034-5	BCC Area A EW-3A_0616	Total/NA	Ground Water	3005A	
480-101034-6	BCC Area A EW-4_0616	Total/NA	Ground Water	3005A	
480-101034-7	BCC Area A EW-5_0616	Total/NA	Ground Water	3005A	
480-101034-8	BCC Area A EW-1 D_0616	Total/NA	Ground Water	3005A	
LCS 480-304894/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-304894/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 305154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1	BCC Area A ICM-101_0616	Total/NA	Ground Water	6010C	304894
480-101034-2	BCC Area A RFI-26_0616	Total/NA	Ground Water	6010C	304894
480-101034-3	BCC Area A EW-1_0616	Total/NA	Ground Water	6010C	304894
480-101034-3 MS	BCC Area A EW-1 MS_0616	Total/NA	Ground Water	6010C	304894
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	Total/NA	Ground Water	6010C	304894
480-101034-4	BCC Area A EW-2_0616	Total/NA	Ground Water	6010C	304894
480-101034-5	BCC Area A EW-3A_0616	Total/NA	Ground Water	6010C	304894
480-101034-6	BCC Area A EW-4_0616	Total/NA	Ground Water	6010C	304894
480-101034-7	BCC Area A EW-5_0616	Total/NA	Ground Water	6010C	304894
480-101034-8	BCC Area A EW-1 D_0616	Total/NA	Ground Water	6010C	304894

Analysis Batch: 305252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-304894/2-A	Lab Control Sample	Total/NA	Water	6010C	304894
MB 480-304894/1-A	Method Blank	Total/NA	Water	6010C	304894

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Metals (Continued)

Prep Batch: 305343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1	BCC Area A ICM-101_0616	Total/NA	Ground Water	7470A	
480-101034-2	BCC Area A RFI-26_0616	Total/NA	Ground Water	7470A	
480-101034-3	BCC Area A EW-1_0616	Total/NA	Ground Water	7470A	
480-101034-3 MS	BCC Area A EW-1 MS_0616	Total/NA	Ground Water	7470A	
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	Total/NA	Ground Water	7470A	
480-101034-4	BCC Area A EW-2_0616	Total/NA	Ground Water	7470A	
480-101034-5	BCC Area A EW-3A_0616	Total/NA	Ground Water	7470A	
480-101034-6	BCC Area A EW-4_0616	Total/NA	Ground Water	7470A	
480-101034-7	BCC Area A EW-5_0616	Total/NA	Ground Water	7470A	
480-101034-8	BCC Area A EW-1 D_0616	Total/NA	Ground Water	7470A	
LCS 480-305343/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-305343/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 305472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101034-1	BCC Area A ICM-101_0616	Total/NA	Ground Water	7470A	305343
480-101034-2	BCC Area A RFI-26_0616	Total/NA	Ground Water	7470A	305343
480-101034-3	BCC Area A EW-1_0616	Total/NA	Ground Water	7470A	305343
480-101034-3 MS	BCC Area A EW-1 MS_0616	Total/NA	Ground Water	7470A	305343
480-101034-3 MSD	BCC Area A EW-1 MSD_0616	Total/NA	Ground Water	7470A	305343
480-101034-4	BCC Area A EW-2_0616	Total/NA	Ground Water	7470A	305343
480-101034-5	BCC Area A EW-3A_0616	Total/NA	Ground Water	7470A	305343
480-101034-6	BCC Area A EW-4_0616	Total/NA	Ground Water	7470A	305343
480-101034-7	BCC Area A EW-5_0616	Total/NA	Ground Water	7470A	305343
480-101034-8	BCC Area A EW-1 D_0616	Total/NA	Ground Water	7470A	305343
LCS 480-305343/2-A	Lab Control Sample	Total/NA	Water	7470A	305343
MB 480-305343/1-A	Method Blank	Total/NA	Water	7470A	305343

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A ICM-101_0616

Lab Sample ID: 480-101034-1

Date Collected: 06/02/16 12:25

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	305732	06/08/16 23:44	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	400	305850	06/09/16 17:58	GTG	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF
Total/NA	Analysis	8270D		100	305097	06/04/16 18:36	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:06	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	305472	06/07/16 12:11	KJ1	TAL BUF

Client Sample ID: BCC Area A RFI-26_0616

Lab Sample ID: 480-101034-2

Date Collected: 06/02/16 13:15

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	306045	06/10/16 13:28	SMY	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF
Total/NA	Analysis	8270D		100	305097	06/04/16 19:05	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:12	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	305472	06/07/16 12:13	KJ1	TAL BUF

Client Sample ID: BCC Area A EW-1_0616

Lab Sample ID: 480-101034-3

Date Collected: 06/02/16 13:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	305732	06/09/16 00:32	GTG	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF
Total/NA	Analysis	8270D		20	305097	06/04/16 19:34	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:16	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	305472	06/07/16 12:15	KJ1	TAL BUF

Client Sample ID: BCC Area A EW-2_0616

Lab Sample ID: 480-101034-4

Date Collected: 06/02/16 14:10

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	305732	06/09/16 00:57	GTG	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-2_0616

Lab Sample ID: 480-101034-4

Date Collected: 06/02/16 14:10

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		10	305097	06/04/16 20:02	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:42	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	305472	06/07/16 12:24	KJ1	TAL BUF

Client Sample ID: BCC Area A EW-3A_0616

Lab Sample ID: 480-101034-5

Date Collected: 06/02/16 14:20

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	305732	06/09/16 01:21	GTG	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF
Total/NA	Analysis	8270D		100	305097	06/04/16 20:31	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:46	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	305472	06/07/16 12:25	KJ1	TAL BUF

Client Sample ID: BCC Area A EW-4_0616

Lab Sample ID: 480-101034-6

Date Collected: 06/02/16 14:30

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	305732	06/09/16 01:45	GTG	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF
Total/NA	Analysis	8270D		250	305430	06/07/16 15:21	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:49	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	305472	06/07/16 12:30	KJ1	TAL BUF

Client Sample ID: BCC Area A EW-5_0616

Lab Sample ID: 480-101034-7

Date Collected: 06/02/16 14:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	305732	06/09/16 02:09	GTG	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF
Total/NA	Analysis	8270D		20	305097	06/04/16 21:29	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:53	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Client Sample ID: BCC Area A EW-5_0616

Lab Sample ID: 480-101034-7

Date Collected: 06/02/16 14:40

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	305472	06/07/16 12:32	KJ1	TAL BUF

Client Sample ID: BCC Area A EW-1 D_0616

Lab Sample ID: 480-101034-8

Date Collected: 06/02/16 13:50

Matrix: Ground Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	305732	06/09/16 02:34	GTG	TAL BUF
Total/NA	Prep	3510C			304916	06/03/16 07:52	CPH	TAL BUF
Total/NA	Analysis	8270D		20	305097	06/04/16 21:57	PJQ	TAL BUF
Total/NA	Prep	3005A			304894	06/03/16 07:45	CMM	TAL BUF
Total/NA	Analysis	6010C		1	305154	06/03/16 16:56	TRB	TAL BUF
Total/NA	Prep	7470A			305343	06/07/16 08:25	KJ1	TAL BUF
Total/NA	Analysis	7470A		1	305472	06/07/16 12:34	KJ1	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-101034-9

Date Collected: 06/02/16 00:00

Matrix: Water

Date Received: 06/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	305732	06/09/16 02:58	GTG	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

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

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Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-101034-1

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 Area A Wells

TestAmerica Job ID: 480-101034-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-101034-1	BCC Area A ICM-101_0616	Ground Water	06/02/16 12:25	06/02/16 16:15
480-101034-2	BCC Area A RFI-26_0616	Ground Water	06/02/16 13:15	06/02/16 16:15
480-101034-3	BCC Area A EW-1_0616	Ground Water	06/02/16 13:40	06/02/16 16:15
480-101034-4	BCC Area A EW-2_0616	Ground Water	06/02/16 14:10	06/02/16 16:15
480-101034-5	BCC Area A EW-3A_0616	Ground Water	06/02/16 14:20	06/02/16 16:15
480-101034-6	BCC Area A EW-4_0616	Ground Water	06/02/16 14:30	06/02/16 16:15
480-101034-7	BCC Area A EW-5_0616	Ground Water	06/02/16 14:40	06/02/16 16:15
480-101034-8	BCC Area A EW-1 D_0616	Ground Water	06/02/16 13:50	06/02/16 16:15
480-101034-9	TRIP BLANK	Water	06/02/16 00:00	06/02/16 16:15

Chain of Custody Record

TestAmerica Laboratories, Inc.

COC No: 290065-0616
1 of 1 COCs
Job No. D913-OMM

Date: 6-2-16
Carrier: OSC

Site Contact: Tom Wagner
Lab Contact: Schove, John


Project Manager: Schove, John
Tel/Fax: (716) 912-9926

Client Contact
Ontario Specialty Contracting Inc.
333 Ganson Street
Buffalo, NY, 14203

Analysis Turnaround Time
Calendar (C) or Work Days (W) W

TAT 2 weeks
 1 week
 2 days
 1 day

Phone: 716-856-3333
FAX: 716-842-1630
Project Name: Buffalo Color Area A Wells
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745
PO# 82854

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8268B - TIC (4.18m) (COC)	6010B, 7470A (TAL Metals)	8270C - (MOP) TIC (SVA - 42 lit + aniline)	Sample Specific Notes:
BCC_Area A_ICM-101_0616	6/2-16	1225	G	W	6	N	3	1	2	 480-101034 Chain of Custody
BCC_Area A_REF-26_0616	6/2-16	1315	G	W	6	N	3	1	2	
BCC_Area A_EW-1_0616	6/2-16	1340	G	W	6	N	3	1	2	
BCC_Area A_EW-2_0616	6/2-16	1410	G	W	6	N	3	1	2	
BCC_Area A_EW-3A_0616	6/2-16	1420	G	W	6	N	3	1	2	
BCC_Area A_EW-4_0616	6/2-16	1430	G	W	6	N	3	1	2	
BCC_Area A_EW-5_0616	6/2-16	1440	G	W	6	N	3	1	2	
BCC_Area A_EW-1_D_0616	6/2-16	1350	G	W	6	N	3	1	2	
BCC_Area A_EW-1_MS_0616	6/2-16	1355	G	W	6	N	3	1	2	
BCC_Area A_EW-1_MSD_0616	6/2-16	1400	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	N/A	2					

Container Volume (ml) 250

Return To Client
 Disposal By Lab
 Archive For _____ Months

Temp 3.7 416 #1

Relinquished by: Tom Wagner
 Relinquished by: OSC
 Relinquished by:

Received by: [Signature]
 Received by: [Signature]
 Received by:

Date/Time: 6/2/16 1615
 Date/Time: 6/2/16 1615
 Date/Time:

Company: [Signature]
 Company: [Signature]
 Company:

Containing Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial
 Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4= HNO3 (Nitric) 5= NaOH (Sodium Hydroxide) 6= Other
 Possible Hazards Identification
 Non-Hazard Flammable Skin Irritant Poison B Inhalation

Special Instructions/QC Requirements & Comments:



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-101034-1

Login Number: 101034

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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



ATTACHMENT H-2
AREA A 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: 480-94611-1

Client Project/Site: 37745-Buffalo Color Area A Storm Sewer

Sampling Event: 37745-Buffalo Color Area A Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

2/15/2016 2:27:36 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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
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 Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Job ID: 480-94611-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-94611-1

Comments

No additional comments.

Receipt

The samples were received on 2/2/2016 3:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.6° 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 minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-286236 was outside criteria for the following analyte(s): Bis(2-chloroethoxy)methane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3_0216

Lab Sample ID: 480-94611-1

No Detections.

Client Sample ID: BCC Area A DMH-A3 D_0216

Lab Sample ID: 480-94611-2

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94611-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.78	J	1.0	0.75	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3_0216

Lab Sample ID: 480-94611-1

Date Collected: 02/02/16 12:15

Matrix: Ground Water

Date Received: 02/02/16 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/03/16 00:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/16 00:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/03/16 00:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/03/16 00:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/03/16 00:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/03/16 00:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/03/16 00:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/03/16 00:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/03/16 00:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/03/16 00:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/03/16 00:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/03/16 00:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/03/16 00:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/03/16 00:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/03/16 00:55	1
2-Hexanone	ND		5.0	1.2	ug/L			02/03/16 00:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/03/16 00:55	1
Acetone	ND		10	3.0	ug/L			02/03/16 00:55	1
Benzene	ND		1.0	0.41	ug/L			02/03/16 00:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/03/16 00:55	1
Bromoform	ND		1.0	0.26	ug/L			02/03/16 00:55	1
Bromomethane	ND		1.0	0.69	ug/L			02/03/16 00:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/03/16 00:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/03/16 00:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/03/16 00:55	1
Chloroethane	ND		1.0	0.32	ug/L			02/03/16 00:55	1
Chloroform	ND		1.0	0.34	ug/L			02/03/16 00:55	1
Chloromethane	ND		1.0	0.35	ug/L			02/03/16 00:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/16 00:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/03/16 00:55	1
Cyclohexane	ND		1.0	0.18	ug/L			02/03/16 00:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/03/16 00:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/03/16 00:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/03/16 00:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/03/16 00:55	1
Methyl acetate	ND		2.5	1.3	ug/L			02/03/16 00:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/03/16 00:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/03/16 00:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/16 00:55	1
Styrene	ND		1.0	0.73	ug/L			02/03/16 00:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/16 00:55	1
Toluene	ND		1.0	0.51	ug/L			02/03/16 00:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/16 00:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/03/16 00:55	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/16 00:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/03/16 00:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/03/16 00:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/03/16 00:55	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3_0216

Lab Sample ID: 480-94611-1

Date Collected: 02/02/16 12:15

Matrix: Ground Water

Date Received: 02/02/16 15:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		66 - 137		02/03/16 00:55	1
4-Bromofluorobenzene (Surr)	97		73 - 120		02/03/16 00:55	1
Toluene-d8 (Surr)	92		71 - 126		02/03/16 00:55	1
Dibromofluoromethane (Surr)	122		60 - 140		02/03/16 00:55	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	0.46	ug/L		02/03/16 07:58	02/04/16 17:30	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		02/03/16 07:58	02/04/16 17:30	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 17:30	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		02/03/16 07:58	02/04/16 17:30	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		02/03/16 07:58	02/04/16 17:30	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 17:30	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 17:30	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 17:30	1
2-Chlorophenol	ND		4.8	0.51	ug/L		02/03/16 07:58	02/04/16 17:30	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		02/03/16 07:58	02/04/16 17:30	1
2-Methylphenol	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 17:30	1
2-Nitroaniline	ND		9.6	0.40	ug/L		02/03/16 07:58	02/04/16 17:30	1
2-Nitrophenol	ND		4.8	0.46	ug/L		02/03/16 07:58	02/04/16 17:30	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 17:30	1
3-Nitroaniline	ND		9.6	0.46	ug/L		02/03/16 07:58	02/04/16 17:30	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		02/03/16 07:58	02/04/16 17:30	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 17:30	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 17:30	1
4-Chloroaniline	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 17:30	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 17:30	1
4-Methylphenol	ND		9.6	0.35	ug/L		02/03/16 07:58	02/04/16 17:30	1
4-Nitroaniline	ND		9.6	0.24	ug/L		02/03/16 07:58	02/04/16 17:30	1
4-Nitrophenol	ND		9.6	1.5	ug/L		02/03/16 07:58	02/04/16 17:30	1
Acenaphthene	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 17:30	1
Acenaphthylene	ND		4.8	0.36	ug/L		02/03/16 07:58	02/04/16 17:30	1
Acetophenone	ND		4.8	0.52	ug/L		02/03/16 07:58	02/04/16 17:30	1
Aniline	ND		9.6	0.58	ug/L		02/03/16 07:58	02/04/16 17:30	1
Anthracene	ND		4.8	0.27	ug/L		02/03/16 07:58	02/04/16 17:30	1
Atrazine	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 17:30	1
Benzaldehyde	ND		4.8	0.26	ug/L		02/03/16 07:58	02/04/16 17:30	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 17:30	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 17:30	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 17:30	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 17:30	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		02/03/16 07:58	02/04/16 17:30	1
Biphenyl	ND		4.8	0.63	ug/L		02/03/16 07:58	02/04/16 17:30	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		02/03/16 07:58	02/04/16 17:30	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 17:30	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 17:30	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		02/03/16 07:58	02/04/16 17:30	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		02/03/16 07:58	02/04/16 17:30	1
Caprolactam	ND		4.8	2.1	ug/L		02/03/16 07:58	02/04/16 17:30	1
Carbazole	ND		4.8	0.29	ug/L		02/03/16 07:58	02/04/16 17:30	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3_0216

Lab Sample ID: 480-94611-1

Date Collected: 02/02/16 12:15

Matrix: Ground Water

Date Received: 02/02/16 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.8	0.32	ug/L		02/03/16 07:58	02/04/16 17:30	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		02/03/16 07:58	02/04/16 17:30	1
Dibenzofuran	ND		9.6	0.49	ug/L		02/03/16 07:58	02/04/16 17:30	1
Diethyl phthalate	ND		4.8	0.21	ug/L		02/03/16 07:58	02/04/16 17:30	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 17:30	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		02/03/16 07:58	02/04/16 17:30	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 17:30	1
Fluoranthene	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 17:30	1
Fluorene	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 17:30	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 17:30	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		02/03/16 07:58	02/04/16 17:30	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 17:30	1
Hexachloroethane	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 17:30	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 17:30	1
Isophorone	ND		4.8	0.41	ug/L		02/03/16 07:58	02/04/16 17:30	1
Naphthalene	ND		4.8	0.73	ug/L		02/03/16 07:58	02/04/16 17:30	1
Nitrobenzene	ND		4.8	0.28	ug/L		02/03/16 07:58	02/04/16 17:30	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		02/03/16 07:58	02/04/16 17:30	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 17:30	1
Pentachlorophenol	ND		9.6	2.1	ug/L		02/03/16 07:58	02/04/16 17:30	1
Phenanthrene	ND		4.8	0.42	ug/L		02/03/16 07:58	02/04/16 17:30	1
Phenol	ND		4.8	0.37	ug/L		02/03/16 07:58	02/04/16 17:30	1
Pyrene	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 132	02/03/16 07:58	02/04/16 17:30	1
2-Fluorobiphenyl	66		48 - 120	02/03/16 07:58	02/04/16 17:30	1
2-Fluorophenol	43		20 - 120	02/03/16 07:58	02/04/16 17:30	1
Nitrobenzene-d5	66		46 - 120	02/03/16 07:58	02/04/16 17:30	1
Phenol-d5	30		16 - 120	02/03/16 07:58	02/04/16 17:30	1
p-Terphenyl-d14	85		67 - 150	02/03/16 07:58	02/04/16 17:30	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3 D_0216

Lab Sample ID: 480-94611-2

Date Collected: 02/02/16 12:30

Matrix: Ground Water

Date Received: 02/02/16 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/03/16 01:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/16 01:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/03/16 01:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/03/16 01:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/03/16 01:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/03/16 01:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/03/16 01:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/03/16 01:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/03/16 01:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/03/16 01:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/03/16 01:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/03/16 01:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/03/16 01:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/03/16 01:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/03/16 01:21	1
2-Hexanone	ND		5.0	1.2	ug/L			02/03/16 01:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/03/16 01:21	1
Acetone	ND		10	3.0	ug/L			02/03/16 01:21	1
Benzene	ND		1.0	0.41	ug/L			02/03/16 01:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/03/16 01:21	1
Bromoform	ND		1.0	0.26	ug/L			02/03/16 01:21	1
Bromomethane	ND		1.0	0.69	ug/L			02/03/16 01:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/03/16 01:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/03/16 01:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/03/16 01:21	1
Chloroethane	ND		1.0	0.32	ug/L			02/03/16 01:21	1
Chloroform	ND		1.0	0.34	ug/L			02/03/16 01:21	1
Chloromethane	ND		1.0	0.35	ug/L			02/03/16 01:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/16 01:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/03/16 01:21	1
Cyclohexane	ND		1.0	0.18	ug/L			02/03/16 01:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/03/16 01:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/03/16 01:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/03/16 01:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/03/16 01:21	1
Methyl acetate	ND		2.5	1.3	ug/L			02/03/16 01:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/03/16 01:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/03/16 01:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/16 01:21	1
Styrene	ND		1.0	0.73	ug/L			02/03/16 01:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/16 01:21	1
Toluene	ND		1.0	0.51	ug/L			02/03/16 01:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/16 01:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/03/16 01:21	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/16 01:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/03/16 01:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/03/16 01:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/03/16 01:21	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3 D_0216

Lab Sample ID: 480-94611-2

Date Collected: 02/02/16 12:30

Matrix: Ground Water

Date Received: 02/02/16 15:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		66 - 137		02/03/16 01:21	1
4-Bromofluorobenzene (Surr)	94		73 - 120		02/03/16 01:21	1
Toluene-d8 (Surr)	90		71 - 126		02/03/16 01:21	1
Dibromofluoromethane (Surr)	119		60 - 140		02/03/16 01:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		02/03/16 07:58	02/04/16 17:59	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		02/03/16 07:58	02/04/16 17:59	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 17:59	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		02/03/16 07:58	02/04/16 17:59	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		02/03/16 07:58	02/04/16 17:59	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 17:59	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 17:59	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 17:59	1
2-Chlorophenol	ND		4.8	0.51	ug/L		02/03/16 07:58	02/04/16 17:59	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		02/03/16 07:58	02/04/16 17:59	1
2-Methylphenol	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 17:59	1
2-Nitroaniline	ND		9.6	0.40	ug/L		02/03/16 07:58	02/04/16 17:59	1
2-Nitrophenol	ND		4.8	0.46	ug/L		02/03/16 07:58	02/04/16 17:59	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 17:59	1
3-Nitroaniline	ND		9.6	0.46	ug/L		02/03/16 07:58	02/04/16 17:59	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		02/03/16 07:58	02/04/16 17:59	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 17:59	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		02/03/16 07:58	02/04/16 17:59	1
4-Chloroaniline	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 17:59	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 17:59	1
4-Methylphenol	ND		9.6	0.35	ug/L		02/03/16 07:58	02/04/16 17:59	1
4-Nitroaniline	ND		9.6	0.24	ug/L		02/03/16 07:58	02/04/16 17:59	1
4-Nitrophenol	ND		9.6	1.5	ug/L		02/03/16 07:58	02/04/16 17:59	1
Acenaphthene	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 17:59	1
Acenaphthylene	ND		4.8	0.37	ug/L		02/03/16 07:58	02/04/16 17:59	1
Acetophenone	ND		4.8	0.52	ug/L		02/03/16 07:58	02/04/16 17:59	1
Aniline	ND		9.6	0.59	ug/L		02/03/16 07:58	02/04/16 17:59	1
Anthracene	ND		4.8	0.27	ug/L		02/03/16 07:58	02/04/16 17:59	1
Atrazine	ND		4.8	0.44	ug/L		02/03/16 07:58	02/04/16 17:59	1
Benzaldehyde	ND		4.8	0.26	ug/L		02/03/16 07:58	02/04/16 17:59	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 17:59	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 17:59	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 17:59	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 17:59	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		02/03/16 07:58	02/04/16 17:59	1
Biphenyl	ND		4.8	0.63	ug/L		02/03/16 07:58	02/04/16 17:59	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		02/03/16 07:58	02/04/16 17:59	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		02/03/16 07:58	02/04/16 17:59	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 17:59	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		02/03/16 07:58	02/04/16 17:59	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		02/03/16 07:58	02/04/16 17:59	1
Caprolactam	ND		4.8	2.1	ug/L		02/03/16 07:58	02/04/16 17:59	1
Carbazole	ND		4.8	0.29	ug/L		02/03/16 07:58	02/04/16 17:59	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3 D_0216

Lab Sample ID: 480-94611-2

Date Collected: 02/02/16 12:30

Matrix: Ground Water

Date Received: 02/02/16 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.8	0.32	ug/L		02/03/16 07:58	02/04/16 17:59	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		02/03/16 07:58	02/04/16 17:59	1
Dibenzofuran	ND		9.6	0.49	ug/L		02/03/16 07:58	02/04/16 17:59	1
Diethyl phthalate	ND		4.8	0.21	ug/L		02/03/16 07:58	02/04/16 17:59	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 17:59	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		02/03/16 07:58	02/04/16 17:59	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 17:59	1
Fluoranthene	ND		4.8	0.39	ug/L		02/03/16 07:58	02/04/16 17:59	1
Fluorene	ND		4.8	0.35	ug/L		02/03/16 07:58	02/04/16 17:59	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 17:59	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		02/03/16 07:58	02/04/16 17:59	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 17:59	1
Hexachloroethane	ND		4.8	0.57	ug/L		02/03/16 07:58	02/04/16 17:59	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		02/03/16 07:58	02/04/16 17:59	1
Isophorone	ND		4.8	0.41	ug/L		02/03/16 07:58	02/04/16 17:59	1
Naphthalene	ND		4.8	0.73	ug/L		02/03/16 07:58	02/04/16 17:59	1
Nitrobenzene	ND		4.8	0.28	ug/L		02/03/16 07:58	02/04/16 17:59	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		02/03/16 07:58	02/04/16 17:59	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		02/03/16 07:58	02/04/16 17:59	1
Pentachlorophenol	ND		9.6	2.1	ug/L		02/03/16 07:58	02/04/16 17:59	1
Phenanthrene	ND		4.8	0.42	ug/L		02/03/16 07:58	02/04/16 17:59	1
Phenol	ND		4.8	0.38	ug/L		02/03/16 07:58	02/04/16 17:59	1
Pyrene	ND		4.8	0.33	ug/L		02/03/16 07:58	02/04/16 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		52 - 132	02/03/16 07:58	02/04/16 17:59	1
2-Fluorobiphenyl	70		48 - 120	02/03/16 07:58	02/04/16 17:59	1
2-Fluorophenol	43		20 - 120	02/03/16 07:58	02/04/16 17:59	1
Nitrobenzene-d5	71		46 - 120	02/03/16 07:58	02/04/16 17:59	1
Phenol-d5	31		16 - 120	02/03/16 07:58	02/04/16 17:59	1
p-Terphenyl-d14	85		67 - 150	02/03/16 07:58	02/04/16 17:59	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94611-3

Date Collected: 02/02/16 00:00

Matrix: Water

Date Received: 02/02/16 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/03/16 01:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/16 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/03/16 01:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/03/16 01:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/03/16 01:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/03/16 01:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/03/16 01:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/03/16 01:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/03/16 01:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/03/16 01:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/03/16 01:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/03/16 01:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/03/16 01:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/03/16 01:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/03/16 01:46	1
2-Hexanone	ND		5.0	1.2	ug/L			02/03/16 01:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/03/16 01:46	1
Acetone	ND		10	3.0	ug/L			02/03/16 01:46	1
Benzene	ND		1.0	0.41	ug/L			02/03/16 01:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/03/16 01:46	1
Bromoform	ND		1.0	0.26	ug/L			02/03/16 01:46	1
Bromomethane	ND		1.0	0.69	ug/L			02/03/16 01:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/03/16 01:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/03/16 01:46	1
Chlorobenzene	0.78	J	1.0	0.75	ug/L			02/03/16 01:46	1
Chloroethane	ND		1.0	0.32	ug/L			02/03/16 01:46	1
Chloroform	ND		1.0	0.34	ug/L			02/03/16 01:46	1
Chloromethane	ND		1.0	0.35	ug/L			02/03/16 01:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/16 01:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/03/16 01:46	1
Cyclohexane	ND		1.0	0.18	ug/L			02/03/16 01:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/03/16 01:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/03/16 01:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/03/16 01:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/03/16 01:46	1
Methyl acetate	ND		2.5	1.3	ug/L			02/03/16 01:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/03/16 01:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/03/16 01:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/16 01:46	1
Styrene	ND		1.0	0.73	ug/L			02/03/16 01:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/16 01:46	1
Toluene	ND		1.0	0.51	ug/L			02/03/16 01:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/16 01:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/03/16 01:46	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/16 01:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/03/16 01:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/03/16 01:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/03/16 01:46	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: TRIP BLANK

Date Collected: 02/02/16 00:00

Date Received: 02/02/16 15:20

Lab Sample ID: 480-94611-3

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	115		66 - 137		02/03/16 01:46	1
4-Bromofluorobenzene (Surr)	93		73 - 120		02/03/16 01:46	1
Toluene-d8 (Surr)	91		71 - 126		02/03/16 01:46	1
Dibromofluoromethane (Surr)	120		60 - 140		02/03/16 01:46	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-94611-1	BCC Area A DMH-A3_0216	116	97	92	122
480-94611-1 MS	BCC Area A DMH-A3 MS_0216	115	104	96	113
480-94611-1 MSD	BCC Area A DMH-A3 MSD_0216	112	104	97	109
480-94611-2	BCC Area A DMH-A3 D_0216	115	94	90	119

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-94611-3	TRIP BLANK	115	93	91	120
LCS 480-285936/4	Lab Control Sample	109	103	96	113
MB 480-285936/6	Method Blank	113	95	90	114

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-94611-1	BCC Area A DMH-A3_0216	91	66	43	66	30	85
480-94611-1 MS	BCC Area A DMH-A3 MS_0216	99	83	65	85	46	82
480-94611-1 MSD	BCC Area A DMH-A3 MSD_0216	96	79	62	83	44	81
480-94611-2	BCC Area A DMH-A3 D_0216	85	70	43	71	31	85

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 Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-285982/2-A	Lab Control Sample	87	75	64	79	47	85
MB 480-285982/1-A	Method Blank	85	85	58	91	40	92

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: MB 480-285936/6

Matrix: Water

Analysis Batch: 285936

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/02/16 20:28	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/02/16 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/02/16 20:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/02/16 20:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/02/16 20:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/02/16 20:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/02/16 20:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/02/16 20:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/02/16 20:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/02/16 20:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/02/16 20:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/02/16 20:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/02/16 20:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/02/16 20:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/02/16 20:28	1
2-Hexanone	ND		5.0	1.2	ug/L			02/02/16 20:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/02/16 20:28	1
Acetone	ND		10	3.0	ug/L			02/02/16 20:28	1
Benzene	ND		1.0	0.41	ug/L			02/02/16 20:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/02/16 20:28	1
Bromoform	ND		1.0	0.26	ug/L			02/02/16 20:28	1
Bromomethane	ND		1.0	0.69	ug/L			02/02/16 20:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/02/16 20:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/02/16 20:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/02/16 20:28	1
Chloroethane	ND		1.0	0.32	ug/L			02/02/16 20:28	1
Chloroform	ND		1.0	0.34	ug/L			02/02/16 20:28	1
Chloromethane	ND		1.0	0.35	ug/L			02/02/16 20:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/02/16 20:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/02/16 20:28	1
Cyclohexane	ND		1.0	0.18	ug/L			02/02/16 20:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/02/16 20:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/02/16 20:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/02/16 20:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/02/16 20:28	1
Methyl acetate	ND		2.5	1.3	ug/L			02/02/16 20:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/02/16 20:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/02/16 20:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/02/16 20:28	1
Styrene	ND		1.0	0.73	ug/L			02/02/16 20:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/02/16 20:28	1
Toluene	ND		1.0	0.51	ug/L			02/02/16 20:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/02/16 20:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/02/16 20:28	1
Trichloroethene	ND		1.0	0.46	ug/L			02/02/16 20:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/02/16 20:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/02/16 20:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/02/16 20:28	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: MB 480-285936/6
Matrix: Water
Analysis Batch: 285936

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		02/02/16 20:28	1
4-Bromofluorobenzene (Surr)	95		73 - 120		02/02/16 20:28	1
Toluene-d8 (Surr)	90		71 - 126		02/02/16 20:28	1
Dibromofluoromethane (Surr)	114		60 - 140		02/02/16 20:28	1

Lab Sample ID: LCS 480-285936/4
Matrix: Water
Analysis Batch: 285936

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.8		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.0		ug/L		104	52 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		104	71 - 129
1,1-Dichloroethene	25.0	23.8		ug/L		95	58 - 121
1,2,4-Trichlorobenzene	25.0	22.3		ug/L		89	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.0		ug/L		80	56 - 134
1,2-Dibromoethane	25.0	23.9		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	27.2		ug/L		109	76 - 120
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	75 - 120
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
2-Hexanone	125	101		ug/L		81	65 - 127
4-Methyl-2-pentanone (MIBK)	125	99.5		ug/L		80	71 - 125
Acetone	125	137		ug/L		110	56 - 142
Benzene	25.0	26.6		ug/L		106	71 - 124
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Bromoform	25.0	25.2		ug/L		101	52 - 132
Bromomethane	25.0	27.5		ug/L		110	55 - 144
Carbon disulfide	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	25.0	27.7		ug/L		111	72 - 134
Chlorobenzene	25.0	24.5		ug/L		98	72 - 120
Chloroethane	25.0	26.8		ug/L		107	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	22.5		ug/L		90	68 - 124
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	24.9		ug/L		100	59 - 135
Dibromochloromethane	25.0	23.6		ug/L		94	75 - 125
Dichlorodifluoromethane	25.0	24.4		ug/L		98	59 - 135
Ethylbenzene	25.0	22.5		ug/L		90	77 - 123
Isopropylbenzene	25.0	20.6		ug/L		82	77 - 122
Methyl acetate	125	116		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	24.2		ug/L		97	64 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: LCS 480-285936/4

Matrix: Water

Analysis Batch: 285936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	24.5		ug/L		98	61 - 138
Methylene Chloride	25.0	27.0		ug/L		108	57 - 132
Styrene	25.0	23.5		ug/L		94	70 - 130
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	23.0		ug/L		92	72 - 123
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 152
Vinyl chloride	25.0	25.1		ug/L		101	65 - 133
Xylenes, Total	50.0	46.9		ug/L		94	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	96		71 - 126
Dibromofluoromethane (Surr)	113		60 - 140

Lab Sample ID: 480-94611-1 MS

Matrix: Ground Water

Analysis Batch: 285936

Client Sample ID: BCC Area A DMH-A3 MS_0216

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	28.1		ug/L		112	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	24.9		ug/L		99	70 - 126
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.3		ug/L		113	52 - 148
1,1,2-Trichloroethane	ND		25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	ND		25.0	28.2		ug/L		113	71 - 129
1,1-Dichloroethene	ND		25.0	27.2		ug/L		109	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	22.9		ug/L		92	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	22.0		ug/L		88	56 - 134
1,2-Dibromoethane	ND		25.0	25.5		ug/L		102	77 - 120
1,2-Dichlorobenzene	ND		25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	ND		25.0	27.5		ug/L		110	75 - 127
1,2-Dichloropropane	ND		25.0	28.8		ug/L		115	76 - 120
1,3-Dichlorobenzene	ND		25.0	24.0		ug/L		96	77 - 120
1,4-Dichlorobenzene	ND		25.0	23.3		ug/L		93	75 - 120
2-Butanone (MEK)	ND		125	126		ug/L		101	57 - 140
2-Hexanone	ND		125	112		ug/L		89	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	111		ug/L		88	71 - 125
Acetone	ND		125	126		ug/L		101	56 - 142
Benzene	ND		25.0	28.4		ug/L		114	71 - 124
Bromodichloromethane	ND		25.0	27.8		ug/L		111	80 - 122
Bromoform	ND		25.0	28.0		ug/L		112	52 - 132
Bromomethane	ND		25.0	30.2		ug/L		121	55 - 144
Carbon disulfide	ND		25.0	27.9		ug/L		112	59 - 134
Carbon tetrachloride	ND		25.0	30.6		ug/L		123	72 - 134

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: 480-94611-1 MS

Client Sample ID: BCC Area A DMH-A3 MS_0216

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 285936

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	ND		25.0	25.9		ug/L		104	72 - 120
Chloroethane	ND		25.0	30.6		ug/L		122	69 - 136
Chloroform	ND		25.0	27.1		ug/L		108	73 - 127
Chloromethane	ND		25.0	25.8		ug/L		103	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.5		ug/L		110	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.0		ug/L		104	74 - 124
Cyclohexane	ND		25.0	26.9		ug/L		107	59 - 135
Dibromochloromethane	ND		25.0	25.8		ug/L		103	75 - 125
Dichlorodifluoromethane	ND		25.0	28.1		ug/L		112	59 - 135
Ethylbenzene	ND		25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	ND		25.0	21.3		ug/L		85	77 - 122
Methyl acetate	ND		125	122		ug/L		98	74 - 133
Methyl tert-butyl ether	ND		25.0	26.1		ug/L		105	64 - 127
Methylcyclohexane	ND		25.0	26.5		ug/L		106	61 - 138
Methylene Chloride	ND		25.0	28.1		ug/L		112	57 - 132
Styrene	ND		25.0	24.8		ug/L		99	70 - 130
Tetrachloroethene	ND		25.0	27.5		ug/L		110	74 - 122
Toluene	ND		25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.4		ug/L		110	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.3		ug/L		97	72 - 123
Trichloroethene	ND		25.0	26.9		ug/L		107	74 - 123
Trichlorofluoromethane	ND		25.0	32.4		ug/L		130	62 - 152
Vinyl chloride	ND		25.0	29.3		ug/L		117	65 - 133
Xylenes, Total	ND		50.0	50.3		ug/L		101	76 - 122

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	115		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	96		71 - 126
Dibromofluoromethane (Surr)	113		60 - 140

Lab Sample ID: 480-94611-1 MSD

Client Sample ID: BCC Area A DMH-A3 MSD_0216

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 285936

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	29.8		ug/L		119	73 - 126	6	15
1,1,1,2-Tetrachloroethane	ND		25.0	25.7		ug/L		103	70 - 126	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.7		ug/L		115	52 - 148	1	20
1,1,2-Trichloroethane	ND		25.0	27.1		ug/L		108	76 - 122	5	15
1,1-Dichloroethane	ND		25.0	28.5		ug/L		114	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	27.4		ug/L		110	58 - 121	1	16
1,2,4-Trichlorobenzene	ND		25.0	23.9		ug/L		96	70 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	21.5		ug/L		86	56 - 134	2	15
1,2-Dibromoethane	ND		25.0	26.8		ug/L		107	77 - 120	5	15
1,2-Dichlorobenzene	ND		25.0	24.9		ug/L		100	80 - 124	5	20
1,2-Dichloroethane	ND		25.0	27.3		ug/L		109	75 - 127	1	20

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: 480-94611-1 MSD
Matrix: Ground Water
Analysis Batch: 285936

Client Sample ID: BCC Area A DMH-A3 MSD_0216
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	29.3		ug/L		117	76 - 120	2	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		101	75 - 120	7	20
2-Butanone (MEK)	ND		125	126		ug/L		101	57 - 140	0	20
2-Hexanone	ND		125	115		ug/L		92	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		91	71 - 125	2	35
Acetone	ND		125	129		ug/L		103	56 - 142	2	15
Benzene	ND		25.0	29.4		ug/L		117	71 - 124	3	13
Bromodichloromethane	ND		25.0	29.1		ug/L		116	80 - 122	5	15
Bromoform	ND		25.0	29.1		ug/L		116	52 - 132	4	15
Bromomethane	ND		25.0	29.9		ug/L		120	55 - 144	1	15
Carbon disulfide	ND		25.0	29.4		ug/L		118	59 - 134	5	15
Carbon tetrachloride	ND		25.0	31.1		ug/L		124	72 - 134	1	15
Chlorobenzene	ND		25.0	28.0		ug/L		112	72 - 120	8	25
Chloroethane	ND		25.0	30.2		ug/L		121	69 - 136	1	15
Chloroform	ND		25.0	28.0		ug/L		112	73 - 127	3	20
Chloromethane	ND		25.0	25.6		ug/L		102	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	28.4		ug/L		113	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	74 - 124	2	15
Cyclohexane	ND		25.0	27.6		ug/L		110	59 - 135	3	20
Dibromochloromethane	ND		25.0	27.0		ug/L		108	75 - 125	5	15
Dichlorodifluoromethane	ND		25.0	25.9		ug/L		104	59 - 135	8	20
Ethylbenzene	ND		25.0	25.3		ug/L		101	77 - 123	8	15
Isopropylbenzene	ND		25.0	22.9		ug/L		92	77 - 122	7	20
Methyl acetate	ND		125	118		ug/L		95	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	26.6		ug/L		106	64 - 127	2	37
Methylcyclohexane	ND		25.0	26.8		ug/L		107	61 - 138	1	20
Methylene Chloride	ND		25.0	28.6		ug/L		114	57 - 132	2	15
Styrene	ND		25.0	26.3		ug/L		105	70 - 130	6	20
Tetrachloroethene	ND		25.0	29.3		ug/L		117	74 - 122	6	20
Toluene	ND		25.0	26.7		ug/L		107	80 - 122	7	15
trans-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	73 - 127	7	20
trans-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	72 - 123	5	15
Trichloroethene	ND		25.0	28.4		ug/L		114	74 - 123	6	16
Trichlorofluoromethane	ND		25.0	31.5		ug/L		126	62 - 152	3	20
Vinyl chloride	ND		25.0	29.6		ug/L		118	65 - 133	1	15
Xylenes, Total	ND		50.0	53.7		ug/L		107	76 - 122	7	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	97		71 - 126
Dibromofluoromethane (Surr)	109		60 - 140

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: MB 480-285982/1-A

Matrix: Water

Analysis Batch: 286236

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 285982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		02/03/16 07:58	02/04/16 14:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Methylphenol	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Nitroaniline	ND		10	0.42	ug/L		02/03/16 07:58	02/04/16 14:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		02/03/16 07:58	02/04/16 14:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
3-Nitroaniline	ND		10	0.48	ug/L		02/03/16 07:58	02/04/16 14:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Methylphenol	ND		10	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Nitroaniline	ND		10	0.25	ug/L		02/03/16 07:58	02/04/16 14:37	1
4-Nitrophenol	ND		10	1.5	ug/L		02/03/16 07:58	02/04/16 14:37	1
Acenaphthene	ND		5.0	0.41	ug/L		02/03/16 07:58	02/04/16 14:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		02/03/16 07:58	02/04/16 14:37	1
Acetophenone	ND		5.0	0.54	ug/L		02/03/16 07:58	02/04/16 14:37	1
Aniline	ND		10	0.61	ug/L		02/03/16 07:58	02/04/16 14:37	1
Anthracene	ND		5.0	0.28	ug/L		02/03/16 07:58	02/04/16 14:37	1
Atrazine	ND		5.0	0.46	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzaldehyde	0.331	J	5.0	0.27	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		02/03/16 07:58	02/04/16 14:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		02/03/16 07:58	02/04/16 14:37	1
Biphenyl	ND		5.0	0.65	ug/L		02/03/16 07:58	02/04/16 14:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		02/03/16 07:58	02/04/16 14:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		02/03/16 07:58	02/04/16 14:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		02/03/16 07:58	02/04/16 14:37	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		02/03/16 07:58	02/04/16 14:37	1
Caprolactam	ND		5.0	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
Carbazole	ND		5.0	0.30	ug/L		02/03/16 07:58	02/04/16 14:37	1
Chrysene	ND		5.0	0.33	ug/L		02/03/16 07:58	02/04/16 14:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		02/03/16 07:58	02/04/16 14:37	1
Dibenzofuran	ND		10	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
Diethyl phthalate	ND		5.0	0.22	ug/L		02/03/16 07:58	02/04/16 14:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: MB 480-285982/1-A
Matrix: Water
Analysis Batch: 286236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 285982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		02/03/16 07:58	02/04/16 14:37	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		02/03/16 07:58	02/04/16 14:37	1
Fluoranthene	ND		5.0	0.40	ug/L		02/03/16 07:58	02/04/16 14:37	1
Fluorene	ND		5.0	0.36	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		02/03/16 07:58	02/04/16 14:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		02/03/16 07:58	02/04/16 14:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		02/03/16 07:58	02/04/16 14:37	1
Isophorone	ND		5.0	0.43	ug/L		02/03/16 07:58	02/04/16 14:37	1
Naphthalene	ND		5.0	0.76	ug/L		02/03/16 07:58	02/04/16 14:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		02/03/16 07:58	02/04/16 14:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		02/03/16 07:58	02/04/16 14:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		02/03/16 07:58	02/04/16 14:37	1
Pentachlorophenol	ND		10	2.2	ug/L		02/03/16 07:58	02/04/16 14:37	1
Phenanthrene	ND		5.0	0.44	ug/L		02/03/16 07:58	02/04/16 14:37	1
Phenol	ND		5.0	0.39	ug/L		02/03/16 07:58	02/04/16 14:37	1
Pyrene	ND		5.0	0.34	ug/L		02/03/16 07:58	02/04/16 14:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		52 - 132	02/03/16 07:58	02/04/16 14:37	1
2-Fluorobiphenyl	85		48 - 120	02/03/16 07:58	02/04/16 14:37	1
2-Fluorophenol	58		20 - 120	02/03/16 07:58	02/04/16 14:37	1
Nitrobenzene-d5	91		46 - 120	02/03/16 07:58	02/04/16 14:37	1
Phenol-d5	40		16 - 120	02/03/16 07:58	02/04/16 14:37	1
p-Terphenyl-d14	92		67 - 150	02/03/16 07:58	02/04/16 14:37	1

Lab Sample ID: LCS 480-285982/2-A
Matrix: Water
Analysis Batch: 286236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 285982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4,5-Trichlorophenol	16.0	12.8		ug/L		80	65 - 126
2,4,6-Trichlorophenol	16.0	13.2		ug/L		83	64 - 120
2,4-Dichlorophenol	16.0	13.3		ug/L		83	64 - 120
2,4-Dimethylphenol	16.0	12.7		ug/L		79	57 - 120
2,4-Dinitrophenol	32.0	21.5		ug/L		67	42 - 153
2,4-Dinitrotoluene	16.0	13.9		ug/L		87	65 - 154
2,6-Dinitrotoluene	16.0	14.0		ug/L		87	74 - 134
2-Chloronaphthalene	16.0	12.8		ug/L		80	41 - 124
2-Chlorophenol	16.0	12.2		ug/L		76	48 - 120
2-Methylnaphthalene	16.0	12.4		ug/L		78	34 - 122
2-Methylphenol	16.0	12.4		ug/L		78	39 - 120
2-Nitroaniline	16.0	14.1		ug/L		88	67 - 136
2-Nitrophenol	16.0	13.0		ug/L		81	59 - 120
3,3'-Dichlorobenzidine	32.0	30.5		ug/L		95	33 - 140
3-Nitroaniline	16.0	14.2		ug/L		89	28 - 130
4,6-Dinitro-2-methylphenol	32.0	26.4		ug/L		82	64 - 159

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: LCS 480-285982/2-A

Matrix: Water

Analysis Batch: 286236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	16.0	13.5		ug/L		85	71 - 126
4-Chloro-3-methylphenol	16.0	14.1		ug/L		88	64 - 120
4-Chloroaniline	16.0	13.2		ug/L		82	10 - 130
4-Chlorophenyl phenyl ether	16.0	13.3		ug/L		83	71 - 122
4-Methylphenol	16.0	12.2		ug/L		76	39 - 120
4-Nitroaniline	16.0	14.9		ug/L		93	47 - 130
4-Nitrophenol	32.0	22.5		ug/L		70	16 - 120
Acenaphthene	16.0	13.0		ug/L		81	60 - 120
Acenaphthylene	16.0	12.9		ug/L		80	63 - 120
Acetophenone	16.0	13.4		ug/L		84	45 - 120
Aniline	16.0	10.7		ug/L		67	37 - 120
Anthracene	16.0	14.1		ug/L		88	58 - 148
Atrazine	32.0	31.4		ug/L		98	56 - 179
Benzaldehyde	32.0	37.6		ug/L		118	30 - 140
Benzo(a)anthracene	16.0	14.4		ug/L		90	55 - 151
Benzo(a)pyrene	16.0	14.8		ug/L		93	60 - 145
Benzo(b)fluoranthene	16.0	14.5		ug/L		91	54 - 140
Benzo(g,h,i)perylene	16.0	15.8		ug/L		99	66 - 152
Benzo(k)fluoranthene	16.0	15.9		ug/L		99	51 - 153
Biphenyl	16.0	12.8		ug/L		80	30 - 140
bis (2-chloroisopropyl) ether	16.0	13.1		ug/L		82	28 - 136
Bis(2-chloroethoxy)methane	16.0	13.1		ug/L		82	50 - 128
Bis(2-chloroethyl)ether	16.0	12.5		ug/L		78	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	15.1		ug/L		94	53 - 158
Butyl benzyl phthalate	16.0	14.6		ug/L		92	58 - 163
Caprolactam	32.0	11.9		ug/L		37	14 - 130
Carbazole	16.0	14.4		ug/L		90	59 - 148
Chrysene	16.0	14.8		ug/L		92	69 - 140
Dibenz(a,h)anthracene	16.0	16.3		ug/L		102	57 - 148
Dibenzofuran	16.0	13.2		ug/L		82	49 - 137
Diethyl phthalate	16.0	14.3		ug/L		89	59 - 146
Dimethyl phthalate	16.0	14.1		ug/L		88	59 - 141
Di-n-butyl phthalate	16.0	14.8		ug/L		92	58 - 149
Di-n-octyl phthalate	16.0	15.3		ug/L		96	55 - 167
Fluoranthene	16.0	14.4		ug/L		90	55 - 147
Fluorene	16.0	13.7		ug/L		86	55 - 143
Hexachlorobenzene	16.0	13.2		ug/L		82	14 - 130
Hexachlorobutadiene	16.0	11.3		ug/L		71	14 - 130
Hexachlorocyclopentadiene	16.0	10.6		ug/L		66	13 - 130
Hexachloroethane	16.0	11.4		ug/L		71	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	15.7		ug/L		98	69 - 146
Isophorone	16.0	13.5		ug/L		84	48 - 133
Naphthalene	16.0	12.1		ug/L		76	35 - 130
Nitrobenzene	16.0	12.9		ug/L		81	45 - 123
N-Nitrosodi-n-propylamine	16.0	13.2		ug/L		82	56 - 120
N-Nitrosodiphenylamine	16.0	13.8		ug/L		86	25 - 125
Pentachlorophenol	32.0	25.1		ug/L		79	39 - 136
Phenanthrene	16.0	13.8		ug/L		86	57 - 147

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: LCS 480-285982/2-A
Matrix: Water
Analysis Batch: 286236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 285982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	16.0	8.13		ug/L		51	17 - 120
Pyrene	16.0	13.6		ug/L		85	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	87		52 - 132
2-Fluorobiphenyl	75		48 - 120
2-Fluorophenol	64		20 - 120
Nitrobenzene-d5	79		46 - 120
Phenol-d5	47		16 - 120
p-Terphenyl-d14	85		67 - 150

Lab Sample ID: 480-94611-1 MS
Matrix: Ground Water
Analysis Batch: 286236

Client Sample ID: BCC Area A DMH-A3 MS_0216
Prep Type: Total/NA
Prep Batch: 285982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.4	14.4		ug/L		94	65 - 126
2,4,6-Trichlorophenol	ND		15.4	14.1		ug/L		92	64 - 120
2,4-Dichlorophenol	ND		15.4	14.1		ug/L		91	64 - 120
2,4-Dimethylphenol	ND		15.4	13.1		ug/L		85	57 - 120
2,4-Dinitrophenol	ND		30.8	27.0		ug/L		88	42 - 153
2,4-Dinitrotoluene	ND		15.4	15.7		ug/L		102	62 - 148
2,6-Dinitrotoluene	ND		15.4	15.9		ug/L		103	65 - 154
2-Chloronaphthalene	ND		15.4	13.5		ug/L		88	41 - 124
2-Chlorophenol	ND		15.4	12.8		ug/L		83	48 - 120
2-Methylnaphthalene	ND		15.4	12.9		ug/L		84	34 - 122
2-Methylphenol	ND		15.4	12.7		ug/L		83	39 - 120
2-Nitroaniline	ND		15.4	15.3		ug/L		100	67 - 136
2-Nitrophenol	ND		15.4	13.4		ug/L		87	59 - 120
3,3'-Dichlorobenzidine	ND		30.8	28.1		ug/L		91	33 - 140
3-Nitroaniline	ND		15.4	13.4		ug/L		87	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.8	29.5		ug/L		96	64 - 159
4-Bromophenyl phenyl ether	ND		15.4	15.1		ug/L		98	71 - 126
4-Chloro-3-methylphenol	ND		15.4	14.9		ug/L		97	64 - 120
4-Chloroaniline	ND		15.4	11.1		ug/L		72	60 - 124
4-Chlorophenyl phenyl ether	ND		15.4	14.6		ug/L		95	48 - 145
4-Methylphenol	ND		15.4	12.1		ug/L		79	36 - 120
4-Nitroaniline	ND		15.4	15.2		ug/L		99	64 - 135
4-Nitrophenol	ND		30.8	22.9		ug/L		74	16 - 120
Acenaphthene	ND		15.4	13.8		ug/L		90	60 - 120
Acenaphthylene	ND		15.4	13.7		ug/L		89	63 - 120
Acetophenone	ND		15.4	14.5		ug/L		94	45 - 120
Aniline	ND		15.4	10.2		ug/L		66	37 - 120
Anthracene	ND		15.4	15.5		ug/L		100	58 - 148
Atrazine	ND		30.8	34.2		ug/L		111	56 - 179
Benzaldehyde	ND		30.8	41.3		ug/L		134	30 - 140
Benzo(a)anthracene	ND		15.4	14.3		ug/L		93	55 - 151
Benzo(a)pyrene	ND		15.4	13.4		ug/L		87	60 - 145

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: 480-94611-1 MS

Matrix: Ground Water

Analysis Batch: 286236

Client Sample ID: BCC Area A DMH-A3 MS_0216

Prep Type: Total/NA

Prep Batch: 285982

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzo(b)fluoranthene	ND		15.4	13.3		ug/L		86	54 - 140
Benzo(g,h,i)perylene	ND		15.4	12.4		ug/L		80	66 - 152
Benzo(k)fluoranthene	ND		15.4	13.7		ug/L		89	51 - 153
Biphenyl	ND		15.4	13.7		ug/L		89	30 - 140
bis (2-chloroisopropyl) ether	ND		15.4	14.0		ug/L		91	28 - 136
Bis(2-chloroethoxy)methane	ND		15.4	13.8		ug/L		90	50 - 128
Bis(2-chloroethyl)ether	ND		15.4	13.7		ug/L		89	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.4	9.70		ug/L		63	53 - 158
Butyl benzyl phthalate	ND		15.4	15.4		ug/L		100	58 - 163
Caprolactam	ND		30.8	11.9		ug/L		39	30 - 140
Carbazole	ND		15.4	15.7		ug/L		102	59 - 148
Chrysene	ND		15.4	14.4		ug/L		94	69 - 140
Dibenz(a,h)anthracene	ND		15.4	11.7		ug/L		76	57 - 158
Dibenzofuran	ND		15.4	14.4		ug/L		93	49 - 137
Diethyl phthalate	ND		15.4	16.1		ug/L		105	59 - 146
Dimethyl phthalate	ND		15.4	15.4		ug/L		100	59 - 141
Di-n-butyl phthalate	ND		15.4	16.2		ug/L		106	58 - 149
Di-n-octyl phthalate	ND		15.4	9.64		ug/L		63	55 - 167
Fluoranthene	ND		15.4	16.0		ug/L		104	55 - 147
Fluorene	ND		15.4	15.1		ug/L		98	55 - 143
Hexachlorobenzene	ND		15.4	14.2		ug/L		92	38 - 131
Hexachlorobutadiene	ND		15.4	12.0		ug/L		78	14 - 130
Hexachlorocyclopentadiene	ND		15.4	10.5		ug/L		68	13 - 130
Hexachloroethane	ND		15.4	11.9		ug/L		77	14 - 130
Indeno(1,2,3-cd)pyrene	ND		15.4	11.9		ug/L		77	69 - 146
Isophorone	ND		15.4	14.2		ug/L		93	48 - 133
Naphthalene	ND		15.4	12.8		ug/L		83	35 - 130
Nitrobenzene	ND		15.4	14.0		ug/L		91	45 - 123
N-Nitrosodi-n-propylamine	ND		15.4	14.0		ug/L		91	56 - 120
N-Nitrosodiphenylamine	ND		15.4	15.0		ug/L		98	25 - 125
Pentachlorophenol	ND		30.8	29.8		ug/L		97	39 - 136
Phenanthrene	ND		15.4	15.1		ug/L		98	57 - 147
Phenol	ND		15.4	7.84		ug/L		51	17 - 120
Pyrene	ND		15.4	14.8		ug/L		96	58 - 136
		MS	MS						
Surrogate		%Recovery	Qualifier	Limits					
2,4,6-Tribromophenol		99		52 - 132					
2-Fluorobiphenyl		83		48 - 120					
2-Fluorophenol		65		20 - 120					
Nitrobenzene-d5		85		46 - 120					
Phenol-d5		46		16 - 120					
p-Terphenyl-d14		82		67 - 150					

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: 480-94611-1 MSD

Client Sample ID: BCC Area A DMH-A3 MSD_0216

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 286236

Prep Batch: 285982

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
2,4,5-Trichlorophenol	ND		15.3	12.8		ug/L		84	65 - 126	12		18	
2,4,6-Trichlorophenol	ND		15.3	13.5		ug/L		88	64 - 120	4		19	
2,4-Dichlorophenol	ND		15.3	13.1		ug/L		86	64 - 120	7		19	
2,4-Dimethylphenol	ND		15.3	13.1		ug/L		86	57 - 120	0		42	
2,4-Dinitrophenol	ND		30.6	25.1		ug/L		82	42 - 153	7		22	
2,4-Dinitrotoluene	ND		15.3	13.9		ug/L		91	62 - 148	12		20	
2,6-Dinitrotoluene	ND		15.3	14.5		ug/L		95	65 - 154	9		15	
2-Chloronaphthalene	ND		15.3	12.7		ug/L		83	41 - 124	6		21	
2-Chlorophenol	ND		15.3	12.2		ug/L		80	48 - 120	5		25	
2-Methylnaphthalene	ND		15.3	12.2		ug/L		80	34 - 122	5		21	
2-Methylphenol	ND		15.3	11.6		ug/L		76	39 - 120	9		27	
2-Nitroaniline	ND		15.3	14.3		ug/L		94	67 - 136	7		15	
2-Nitrophenol	ND		15.3	13.0		ug/L		85	59 - 120	3		18	
3,3'-Dichlorobenzidine	ND		30.6	27.4		ug/L		90	33 - 140	2		25	
3-Nitroaniline	ND		15.3	12.6		ug/L		82	69 - 129	7		19	
4,6-Dinitro-2-methylphenol	ND		30.6	29.2		ug/L		96	64 - 159	1		15	
4-Bromophenyl phenyl ether	ND		15.3	14.2		ug/L		93	71 - 126	6		15	
4-Chloro-3-methylphenol	ND		15.3	14.2		ug/L		93	64 - 120	5		27	
4-Chloroaniline	ND		15.3	11.2		ug/L		73	60 - 124	1		22	
4-Chlorophenyl phenyl ether	ND		15.3	13.5		ug/L		88	48 - 145	8		16	
4-Methylphenol	ND		15.3	11.6		ug/L		76	36 - 120	5		24	
4-Nitroaniline	ND		15.3	14.1		ug/L		92	64 - 135	8		24	
4-Nitrophenol	ND		30.6	22.2		ug/L		73	16 - 120	3		48	
Acenaphthene	ND		15.3	13.0		ug/L		85	60 - 120	6		24	
Acenaphthylene	ND		15.3	12.8		ug/L		83	63 - 120	7		18	
Acetophenone	ND		15.3	13.5		ug/L		88	45 - 120	7		20	
Aniline	ND		15.3	9.64		ug/L		63	37 - 120	6		30	
Anthracene	ND		15.3	15.0		ug/L		98	58 - 148	3		15	
Atrazine	ND		30.6	31.6		ug/L		103	56 - 179	8		20	
Benzaldehyde	ND		30.6	38.2		ug/L		125	30 - 140	8		20	
Benzo(a)anthracene	ND		15.3	13.8		ug/L		90	55 - 151	3		15	
Benzo(a)pyrene	ND		15.3	13.0		ug/L		85	60 - 145	3		15	
Benzo(b)fluoranthene	ND		15.3	12.7		ug/L		83	54 - 140	4		15	
Benzo(g,h,i)perylene	ND		15.3	12.1		ug/L		79	66 - 152	2		15	
Benzo(k)fluoranthene	ND		15.3	13.5		ug/L		88	51 - 153	1		22	
Biphenyl	ND		15.3	12.8		ug/L		84	30 - 140	6		20	
bis (2-chloroisopropyl) ether	ND		15.3	12.9		ug/L		85	28 - 136	8		24	
Bis(2-chloroethoxy)methane	ND		15.3	13.2		ug/L		86	50 - 128	5		17	
Bis(2-chloroethyl)ether	ND		15.3	13.1		ug/L		86	51 - 120	5		21	
Bis(2-ethylhexyl) phthalate	ND		15.3	9.67		ug/L		63	53 - 158	0		15	
Butyl benzyl phthalate	ND		15.3	14.8		ug/L		97	58 - 163	4		16	
Caprolactam	ND		30.6	11.5		ug/L		38	30 - 140	3		20	
Carbazole	ND		15.3	15.2		ug/L		99	59 - 148	3		20	
Chrysene	ND		15.3	13.8		ug/L		90	69 - 140	4		15	
Dibenz(a,h)anthracene	ND		15.3	11.6		ug/L		76	57 - 158	1		15	
Dibenzofuran	ND		15.3	13.3		ug/L		87	49 - 137	7		15	
Diethyl phthalate	ND		15.3	14.9		ug/L		98	59 - 146	7		15	
Dimethyl phthalate	ND		15.3	14.4		ug/L		94	59 - 141	7		15	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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

Lab Sample ID: 480-94611-1 MSD

Client Sample ID: BCC Area A DMH-A3 MSD_0216

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 286236

Prep Batch: 285982

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-butyl phthalate	ND		15.3	15.5		ug/L		102	58 - 149	4	15
Di-n-octyl phthalate	ND		15.3	9.57		ug/L		63	55 - 167	1	16
Fluoranthene	ND		15.3	15.3		ug/L		100	55 - 147	4	15
Fluorene	ND		15.3	13.9		ug/L		91	55 - 143	8	15
Hexachlorobenzene	ND		15.3	14.0		ug/L		91	38 - 131	1	15
Hexachlorobutadiene	ND		15.3	11.5		ug/L		75	14 - 130	4	44
Hexachlorocyclopentadiene	ND		15.3	9.97		ug/L		65	13 - 130	5	49
Hexachloroethane	ND		15.3	11.2		ug/L		73	14 - 130	6	46
Indeno(1,2,3-cd)pyrene	ND		15.3	11.6		ug/L		76	69 - 146	2	15
Isophorone	ND		15.3	13.5		ug/L		88	48 - 133	5	17
Naphthalene	ND		15.3	12.3		ug/L		80	35 - 130	5	29
Nitrobenzene	ND		15.3	13.4		ug/L		88	45 - 123	4	24
N-Nitrosodi-n-propylamine	ND		15.3	13.5		ug/L		88	56 - 120	4	31
N-Nitrosodiphenylamine	ND		15.3	14.7		ug/L		96	25 - 125	2	15
Pentachlorophenol	ND		30.6	29.0		ug/L		95	39 - 136	3	37
Phenanthrene	ND		15.3	14.5		ug/L		95	57 - 147	4	15
Phenol	ND		15.3	7.41		ug/L		48	17 - 120	6	34
Pyrene	ND		15.3	14.0		ug/L		92	58 - 136	5	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	79		48 - 120
2-Fluorophenol	62		20 - 120
Nitrobenzene-d5	83		46 - 120
Phenol-d5	44		16 - 120
p-Terphenyl-d14	81		67 - 150

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

GC/MS VOA

Analysis Batch: 285936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94611-1	BCC Area A DMH-A3_0216	Total/NA	Ground Water	8260C	
480-94611-1 MS	BCC Area A DMH-A3 MS_0216	Total/NA	Ground Water	8260C	
480-94611-1 MSD	BCC Area A DMH-A3 MSD_0216	Total/NA	Ground Water	8260C	
480-94611-2	BCC Area A DMH-A3 D_0216	Total/NA	Ground Water	8260C	
480-94611-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-285936/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-285936/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 285982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94611-1	BCC Area A DMH-A3_0216	Total/NA	Ground Water	3510C	
480-94611-1 MS	BCC Area A DMH-A3 MS_0216	Total/NA	Ground Water	3510C	
480-94611-1 MSD	BCC Area A DMH-A3 MSD_0216	Total/NA	Ground Water	3510C	
480-94611-2	BCC Area A DMH-A3 D_0216	Total/NA	Ground Water	3510C	
LCS 480-285982/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-285982/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 286236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-94611-1	BCC Area A DMH-A3_0216	Total/NA	Ground Water	8270D	285982
480-94611-1 MS	BCC Area A DMH-A3 MS_0216	Total/NA	Ground Water	8270D	285982
480-94611-1 MSD	BCC Area A DMH-A3 MSD_0216	Total/NA	Ground Water	8270D	285982
480-94611-2	BCC Area A DMH-A3 D_0216	Total/NA	Ground Water	8270D	285982
LCS 480-285982/2-A	Lab Control Sample	Total/NA	Water	8270D	285982
MB 480-285982/1-A	Method Blank	Total/NA	Water	8270D	285982

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Client Sample ID: BCC Area A DMH-A3_0216

Lab Sample ID: 480-94611-1

Date Collected: 02/02/16 12:15

Matrix: Ground Water

Date Received: 02/02/16 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	285936	02/03/16 00:55	GTG	TAL BUF
Total/NA	Prep	3510C			285982	02/03/16 07:58	RJS	TAL BUF
Total/NA	Analysis	8270D		1	286236	02/04/16 17:30	PJQ	TAL BUF

Client Sample ID: BCC Area A DMH-A3 D_0216

Lab Sample ID: 480-94611-2

Date Collected: 02/02/16 12:30

Matrix: Ground Water

Date Received: 02/02/16 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	285936	02/03/16 01:21	GTG	TAL BUF
Total/NA	Prep	3510C			285982	02/03/16 07:58	RJS	TAL BUF
Total/NA	Analysis	8270D		1	286236	02/04/16 17:59	PJQ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-94611-3

Date Collected: 02/02/16 00:00

Matrix: Water

Date Received: 02/02/16 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	285936	02/03/16 01:46	GTG	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16 *

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* Certification renewal pending - certification considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-94611-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-94611-1	BCC Area A DMH-A3_0216	Ground Water	02/02/16 12:15	02/02/16 15:20
480-94611-2	BCC Area A DMH-A3 D_0216	Ground Water	02/02/16 12:30	02/02/16 15:20
480-94611-3	TRIP BLANK	Water	02/02/16 00:00	02/02/16 15:20

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TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

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TestAmerica Laboratories, Inc.

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 A Storm Sewer Site: HoneyWell Buffalo Color - NYC915230 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"/> 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: 2-2-16 Carrier: OSC		COC No: 276370-0216 I of I COCs Job No. 0913-OMM SDG No.					
Sample Identification BCC_Area A_DMHA3_0216 BCC_Area A_DMHA3D_0216 BCC_Area A_DMHA3MS_0216 BCC_Area A_DMHA3MSD_0216 Trip Blank		Sample Date 2/2-16 1215 2/2-16 1230 2/2-16 1245 2/2-16 1300 N/A		Sample Type G G G G N/A		Matrix W W W W N/A		# of Cont. 5 5 5 5 3		Sample Specific Notes: 8270C - (MOD) TLCSVOA - 42 list + analise 8260B - TLCS 42 list (TLCSVOG)	
Preservation: I= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other 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 Container Volume (ml) 40 2-V 1-A											
Special Instructions/QC Requirements & Comments: Temp 3.6 #2 ICE											
Relinquished by: Tom Wagner Date/Time: 2/2/16 1520 Company: OSC											
Relinquished by: Tom Wagner Date/Time: 2/2/16 1520 Company: OSC											
Relinquished by: Tom Wagner Date/Time: 2/2/16 1520 Company: OSC											



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-94611-1

Login Number: 94611
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-99481-1

Client Project/Site: 37745-Buffalo Color Area A Storm Sewer

Sampling Event: 37745-Buffalo Color Area A Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

5/16/2016 9:55:26 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD is outside acceptance 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.
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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Job ID: 480-99481-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-99481-1

Comments

No additional comments.

Receipt

The samples were received on 5/3/2016 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7° 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 batch 480-299941 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following sample is impacted: BCC Area A DMH-A3_0516 (480-99481-1).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-299941 recovered outside acceptance criteria, low biased, for Bis(2-chloroethoxy)methane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample was non-detect for this analyte, the data have been reported: BCC Area A DMH-A3_0516 (480-99481-1).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-299802 and analytical batch 480-299941 and 480-300121 recovered outside control limits for the following analyte: Benzaldehyde. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported: BCC Area A DMH-A3_0516 (480-99481-1), BCC Area A DMH-A3MS_0516 (480-99481-1[MS]), BCC Area A DMH-A3MSD_0516 (480-99481-1[MSD]) and BCC Area A DMH-A3D_0516 (480-99481-2).

Method(s) 8270D: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 480-299802 and analytical batch 480-299941 exceeded %RPD control limits, >75%, for the following analyte: Aniline. Note that this analyte is a known poor performer when analyzed using this method: BCC Area A DMH-A3MS_0516 (480-99481-1[MS]) and BCC Area A DMH-A3MSD_0516 (480-99481-1[MSD]).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-300121 recovered above the upper control limit for Benzaldehyde. The sample associated with this CCV was non-detect for the affected analyte; therefore, the data has been reported. The following sample is impacted: BCC Area A DMH-A3 D_0516 (480-99481-2).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-300121 recovered outside acceptance criteria, low biased, for Bis(2-chloroethoxy)methane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample was non-detect for this analyte, the data has been reported: BCC Area A DMH-A3D_0516 (480-99481-2).

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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3_0516

Lab Sample ID: 480-99481-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.56	J B * F1	4.7	0.25	ug/L	1		8270D	Total/NA

Client Sample ID: BCC Area A DMH-A3D_0516

Lab Sample ID: 480-99481-2

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99481-3

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 Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3_0516

Lab Sample ID: 480-99481-1

Date Collected: 05/03/16 11:00

Matrix: Ground Water

Date Received: 05/03/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F2	1.0	0.82	ug/L			05/12/16 15:04	1
1,1,2,2-Tetrachloroethane	ND	F2	1.0	0.21	ug/L			05/12/16 15:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	1.0	0.31	ug/L			05/12/16 15:04	1
1,1,2-Trichloroethane	ND	F2 F1	1.0	0.23	ug/L			05/12/16 15:04	1
1,1-Dichloroethane	ND	F2	1.0	0.38	ug/L			05/12/16 15:04	1
1,1-Dichloroethene	ND	F2	1.0	0.29	ug/L			05/12/16 15:04	1
1,2,4-Trichlorobenzene	ND	F2	1.0	0.41	ug/L			05/12/16 15:04	1
1,2-Dibromo-3-Chloropropane	ND	F2	1.0	0.39	ug/L			05/12/16 15:04	1
1,2-Dibromoethane	ND	F2	1.0	0.73	ug/L			05/12/16 15:04	1
1,2-Dichlorobenzene	ND	F2 F1	1.0	0.79	ug/L			05/12/16 15:04	1
1,2-Dichloroethane	ND	F2 F1	1.0	0.21	ug/L			05/12/16 15:04	1
1,2-Dichloropropane	ND	F2 F1	1.0	0.72	ug/L			05/12/16 15:04	1
1,3-Dichlorobenzene	ND	F2 F1	1.0	0.78	ug/L			05/12/16 15:04	1
1,4-Dichlorobenzene	ND	F2 F1	1.0	0.84	ug/L			05/12/16 15:04	1
2-Butanone (MEK)	ND	F2	10	1.3	ug/L			05/12/16 15:04	1
2-Hexanone	ND	F2	5.0	1.2	ug/L			05/12/16 15:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/16 15:04	1
Acetone	ND	F2	10	3.0	ug/L			05/12/16 15:04	1
Benzene	ND	F2	1.0	0.41	ug/L			05/12/16 15:04	1
Bromodichloromethane	ND	F2 F1	1.0	0.39	ug/L			05/12/16 15:04	1
Bromoform	ND	F2	1.0	0.26	ug/L			05/12/16 15:04	1
Bromomethane	ND	F2	1.0	0.69	ug/L			05/12/16 15:04	1
Carbon disulfide	ND	F2	1.0	0.19	ug/L			05/12/16 15:04	1
Carbon tetrachloride	ND	F2	1.0	0.27	ug/L			05/12/16 15:04	1
Chlorobenzene	ND	F2	1.0	0.75	ug/L			05/12/16 15:04	1
Chloroethane	ND	F2	1.0	0.32	ug/L			05/12/16 15:04	1
Chloroform	ND	F2	1.0	0.34	ug/L			05/12/16 15:04	1
Chloromethane	ND	F2 F1	1.0	0.35	ug/L			05/12/16 15:04	1
cis-1,2-Dichloroethene	ND	F2 F1	1.0	0.81	ug/L			05/12/16 15:04	1
cis-1,3-Dichloropropene	ND	F2 F1	1.0	0.36	ug/L			05/12/16 15:04	1
Cyclohexane	ND	F2	1.0	0.18	ug/L			05/12/16 15:04	1
Dibromochloromethane	ND	F2	1.0	0.32	ug/L			05/12/16 15:04	1
Dichlorodifluoromethane	ND	F2 F1	1.0	0.68	ug/L			05/12/16 15:04	1
Ethylbenzene	ND	F2	1.0	0.74	ug/L			05/12/16 15:04	1
Isopropylbenzene	ND	F2	1.0	0.79	ug/L			05/12/16 15:04	1
Methyl acetate	ND	F2 F1	2.5	1.3	ug/L			05/12/16 15:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 15:04	1
Methylcyclohexane	ND	F2	1.0	0.16	ug/L			05/12/16 15:04	1
Methylene Chloride	ND	F2	1.0	0.44	ug/L			05/12/16 15:04	1
Styrene	ND	F2	1.0	0.73	ug/L			05/12/16 15:04	1
Tetrachloroethene	ND	F2 F1	1.0	0.36	ug/L			05/12/16 15:04	1
Toluene	ND	F2	1.0	0.51	ug/L			05/12/16 15:04	1
trans-1,2-Dichloroethene	ND	F2	1.0	0.90	ug/L			05/12/16 15:04	1
trans-1,3-Dichloropropene	ND	F2	1.0	0.37	ug/L			05/12/16 15:04	1
Trichloroethene	ND	F2	1.0	0.46	ug/L			05/12/16 15:04	1
Trichlorofluoromethane	ND	F2	1.0	0.88	ug/L			05/12/16 15:04	1
Vinyl chloride	ND	F2	1.0	0.90	ug/L			05/12/16 15:04	1
Xylenes, Total	ND	F2	2.0	0.66	ug/L			05/12/16 15:04	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3_0516

Lab Sample ID: 480-99481-1

Date Collected: 05/03/16 11:00

Matrix: Ground Water

Date Received: 05/03/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		05/12/16 15:04	1
4-Bromofluorobenzene (Surr)	97		73 - 120		05/12/16 15:04	1
Toluene-d8 (Surr)	98		71 - 126		05/12/16 15:04	1
Dibromofluoromethane (Surr)	87		60 - 140		05/12/16 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		05/04/16 07:48	05/04/16 19:28	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		05/04/16 07:48	05/04/16 19:28	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		05/04/16 07:48	05/04/16 19:28	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		05/04/16 07:48	05/04/16 19:28	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		05/04/16 07:48	05/04/16 19:28	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/04/16 07:48	05/04/16 19:28	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		05/04/16 07:48	05/04/16 19:28	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		05/04/16 07:48	05/04/16 19:28	1
2-Chlorophenol	ND		4.7	0.50	ug/L		05/04/16 07:48	05/04/16 19:28	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		05/04/16 07:48	05/04/16 19:28	1
2-Methylphenol	ND		4.7	0.38	ug/L		05/04/16 07:48	05/04/16 19:28	1
2-Nitroaniline	ND		9.4	0.40	ug/L		05/04/16 07:48	05/04/16 19:28	1
2-Nitrophenol	ND		4.7	0.45	ug/L		05/04/16 07:48	05/04/16 19:28	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		05/04/16 07:48	05/04/16 19:28	1
3-Nitroaniline	ND		9.4	0.45	ug/L		05/04/16 07:48	05/04/16 19:28	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		05/04/16 07:48	05/04/16 19:28	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		05/04/16 07:48	05/04/16 19:28	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		05/04/16 07:48	05/04/16 19:28	1
4-Chloroaniline	ND	F1	4.7	0.56	ug/L		05/04/16 07:48	05/04/16 19:28	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/04/16 07:48	05/04/16 19:28	1
4-Methylphenol	ND		9.4	0.34	ug/L		05/04/16 07:48	05/04/16 19:28	1
4-Nitroaniline	ND		9.4	0.24	ug/L		05/04/16 07:48	05/04/16 19:28	1
4-Nitrophenol	ND		9.4	1.4	ug/L		05/04/16 07:48	05/04/16 19:28	1
Acenaphthene	ND		4.7	0.39	ug/L		05/04/16 07:48	05/04/16 19:28	1
Acenaphthylene	ND		4.7	0.36	ug/L		05/04/16 07:48	05/04/16 19:28	1
Acetophenone	ND		4.7	0.51	ug/L		05/04/16 07:48	05/04/16 19:28	1
Aniline	ND	F1 F2	9.4	0.58	ug/L		05/04/16 07:48	05/04/16 19:28	1
Anthracene	ND		4.7	0.26	ug/L		05/04/16 07:48	05/04/16 19:28	1
Atrazine	ND		4.7	0.43	ug/L		05/04/16 07:48	05/04/16 19:28	1
Benzaldehyde	0.56	J B * F1	4.7	0.25	ug/L		05/04/16 07:48	05/04/16 19:28	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/04/16 07:48	05/04/16 19:28	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		05/04/16 07:48	05/04/16 19:28	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		05/04/16 07:48	05/04/16 19:28	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		05/04/16 07:48	05/04/16 19:28	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		05/04/16 07:48	05/04/16 19:28	1
Biphenyl	ND		4.7	0.62	ug/L		05/04/16 07:48	05/04/16 19:28	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		05/04/16 07:48	05/04/16 19:28	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/04/16 07:48	05/04/16 19:28	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		05/04/16 07:48	05/04/16 19:28	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		05/04/16 07:48	05/04/16 19:28	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		05/04/16 07:48	05/04/16 19:28	1
Caprolactam	ND		4.7	2.1	ug/L		05/04/16 07:48	05/04/16 19:28	1
Carbazole	ND		4.7	0.28	ug/L		05/04/16 07:48	05/04/16 19:28	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3_0516

Lab Sample ID: 480-99481-1

Date Collected: 05/03/16 11:00

Matrix: Ground Water

Date Received: 05/03/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		05/04/16 07:48	05/04/16 19:28	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		05/04/16 07:48	05/04/16 19:28	1
Dibenzofuran	ND		9.4	0.48	ug/L		05/04/16 07:48	05/04/16 19:28	1
Diethyl phthalate	ND		4.7	0.21	ug/L		05/04/16 07:48	05/04/16 19:28	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/04/16 07:48	05/04/16 19:28	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		05/04/16 07:48	05/04/16 19:28	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		05/04/16 07:48	05/04/16 19:28	1
Fluoranthene	ND		4.7	0.38	ug/L		05/04/16 07:48	05/04/16 19:28	1
Fluorene	ND		4.7	0.34	ug/L		05/04/16 07:48	05/04/16 19:28	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		05/04/16 07:48	05/04/16 19:28	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		05/04/16 07:48	05/04/16 19:28	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		05/04/16 07:48	05/04/16 19:28	1
Hexachloroethane	ND		4.7	0.56	ug/L		05/04/16 07:48	05/04/16 19:28	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		05/04/16 07:48	05/04/16 19:28	1
Isophorone	ND		4.7	0.41	ug/L		05/04/16 07:48	05/04/16 19:28	1
Naphthalene	ND		4.7	0.72	ug/L		05/04/16 07:48	05/04/16 19:28	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/04/16 07:48	05/04/16 19:28	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		05/04/16 07:48	05/04/16 19:28	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		05/04/16 07:48	05/04/16 19:28	1
Pentachlorophenol	ND		9.4	2.1	ug/L		05/04/16 07:48	05/04/16 19:28	1
Phenanthrene	ND		4.7	0.42	ug/L		05/04/16 07:48	05/04/16 19:28	1
Phenol	ND		4.7	0.37	ug/L		05/04/16 07:48	05/04/16 19:28	1
Pyrene	ND		4.7	0.32	ug/L		05/04/16 07:48	05/04/16 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		52 - 132	05/04/16 07:48	05/04/16 19:28	1
2-Fluorobiphenyl	72		48 - 120	05/04/16 07:48	05/04/16 19:28	1
2-Fluorophenol	45		20 - 120	05/04/16 07:48	05/04/16 19:28	1
Nitrobenzene-d5	77		46 - 120	05/04/16 07:48	05/04/16 19:28	1
Phenol-d5	31		16 - 120	05/04/16 07:48	05/04/16 19:28	1
p-Terphenyl-d14	81		67 - 150	05/04/16 07:48	05/04/16 19:28	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3D_0516

Lab Sample ID: 480-99481-2

Date Collected: 05/03/16 11:15

Matrix: Ground Water

Date Received: 05/03/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/12/16 15:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/16 15:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/16 15:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/16 15:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/16 15:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/16 15:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/16 15:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/16 15:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/16 15:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/16 15:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/16 15:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/16 15:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/16 15:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/16 15:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/16 15:27	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/16 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/16 15:27	1
Acetone	ND		10	3.0	ug/L			05/12/16 15:27	1
Benzene	ND		1.0	0.41	ug/L			05/12/16 15:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/16 15:27	1
Bromoform	ND		1.0	0.26	ug/L			05/12/16 15:27	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/16 15:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/16 15:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/16 15:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/16 15:27	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/16 15:27	1
Chloroform	ND		1.0	0.34	ug/L			05/12/16 15:27	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/16 15:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/16 15:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/16 15:27	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/16 15:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/16 15:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/16 15:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/16 15:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/16 15:27	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/16 15:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 15:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/16 15:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/16 15:27	1
Styrene	ND		1.0	0.73	ug/L			05/12/16 15:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/16 15:27	1
Toluene	ND		1.0	0.51	ug/L			05/12/16 15:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/16 15:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/16 15:27	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/16 15:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/16 15:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/16 15:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/16 15:27	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3D_0516

Lab Sample ID: 480-99481-2

Date Collected: 05/03/16 11:15

Matrix: Ground Water

Date Received: 05/03/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		66 - 137		05/12/16 15:27	1
4-Bromofluorobenzene (Surr)	94		73 - 120		05/12/16 15:27	1
Toluene-d8 (Surr)	95		71 - 126		05/12/16 15:27	1
Dibromofluoromethane (Surr)	91		60 - 140		05/12/16 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		05/04/16 07:48	05/05/16 14:29	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		05/04/16 07:48	05/05/16 14:29	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		05/04/16 07:48	05/05/16 14:29	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		05/04/16 07:48	05/05/16 14:29	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		05/04/16 07:48	05/05/16 14:29	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		05/04/16 07:48	05/05/16 14:29	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		05/04/16 07:48	05/05/16 14:29	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		05/04/16 07:48	05/05/16 14:29	1
2-Chlorophenol	ND		4.8	0.50	ug/L		05/04/16 07:48	05/05/16 14:29	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		05/04/16 07:48	05/05/16 14:29	1
2-Methylphenol	ND		4.8	0.38	ug/L		05/04/16 07:48	05/05/16 14:29	1
2-Nitroaniline	ND		9.5	0.40	ug/L		05/04/16 07:48	05/05/16 14:29	1
2-Nitrophenol	ND		4.8	0.46	ug/L		05/04/16 07:48	05/05/16 14:29	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		05/04/16 07:48	05/05/16 14:29	1
3-Nitroaniline	ND		9.5	0.46	ug/L		05/04/16 07:48	05/05/16 14:29	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		05/04/16 07:48	05/05/16 14:29	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		05/04/16 07:48	05/05/16 14:29	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		05/04/16 07:48	05/05/16 14:29	1
4-Chloroaniline	ND		4.8	0.56	ug/L		05/04/16 07:48	05/05/16 14:29	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		05/04/16 07:48	05/05/16 14:29	1
4-Methylphenol	ND		9.5	0.34	ug/L		05/04/16 07:48	05/05/16 14:29	1
4-Nitroaniline	ND		9.5	0.24	ug/L		05/04/16 07:48	05/05/16 14:29	1
4-Nitrophenol	ND		9.5	1.4	ug/L		05/04/16 07:48	05/05/16 14:29	1
Acenaphthene	ND		4.8	0.39	ug/L		05/04/16 07:48	05/05/16 14:29	1
Acenaphthylene	ND		4.8	0.36	ug/L		05/04/16 07:48	05/05/16 14:29	1
Acetophenone	ND		4.8	0.51	ug/L		05/04/16 07:48	05/05/16 14:29	1
Aniline	ND		9.5	0.58	ug/L		05/04/16 07:48	05/05/16 14:29	1
Anthracene	ND		4.8	0.27	ug/L		05/04/16 07:48	05/05/16 14:29	1
Atrazine	ND		4.8	0.44	ug/L		05/04/16 07:48	05/05/16 14:29	1
Benzaldehyde	ND *		4.8	0.25	ug/L		05/04/16 07:48	05/05/16 14:29	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		05/04/16 07:48	05/05/16 14:29	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		05/04/16 07:48	05/05/16 14:29	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		05/04/16 07:48	05/05/16 14:29	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		05/04/16 07:48	05/05/16 14:29	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		05/04/16 07:48	05/05/16 14:29	1
Biphenyl	ND		4.8	0.62	ug/L		05/04/16 07:48	05/05/16 14:29	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		05/04/16 07:48	05/05/16 14:29	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		05/04/16 07:48	05/05/16 14:29	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		05/04/16 07:48	05/05/16 14:29	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		05/04/16 07:48	05/05/16 14:29	1
Butyl benzyl phthalate	ND		4.8	0.95	ug/L		05/04/16 07:48	05/05/16 14:29	1
Caprolactam	ND		4.8	2.1	ug/L		05/04/16 07:48	05/05/16 14:29	1
Carbazole	ND		4.8	0.29	ug/L		05/04/16 07:48	05/05/16 14:29	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3D_0516

Lab Sample ID: 480-99481-2

Date Collected: 05/03/16 11:15

Matrix: Ground Water

Date Received: 05/03/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.8	0.31	ug/L		05/04/16 07:48	05/05/16 14:29	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		05/04/16 07:48	05/05/16 14:29	1
Dibenzofuran	ND		9.5	0.49	ug/L		05/04/16 07:48	05/05/16 14:29	1
Diethyl phthalate	ND		4.8	0.21	ug/L		05/04/16 07:48	05/05/16 14:29	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		05/04/16 07:48	05/05/16 14:29	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		05/04/16 07:48	05/05/16 14:29	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		05/04/16 07:48	05/05/16 14:29	1
Fluoranthene	ND		4.8	0.38	ug/L		05/04/16 07:48	05/05/16 14:29	1
Fluorene	ND		4.8	0.34	ug/L		05/04/16 07:48	05/05/16 14:29	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		05/04/16 07:48	05/05/16 14:29	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		05/04/16 07:48	05/05/16 14:29	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		05/04/16 07:48	05/05/16 14:29	1
Hexachloroethane	ND		4.8	0.56	ug/L		05/04/16 07:48	05/05/16 14:29	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		05/04/16 07:48	05/05/16 14:29	1
Isophorone	ND		4.8	0.41	ug/L		05/04/16 07:48	05/05/16 14:29	1
Naphthalene	ND		4.8	0.72	ug/L		05/04/16 07:48	05/05/16 14:29	1
Nitrobenzene	ND		4.8	0.28	ug/L		05/04/16 07:48	05/05/16 14:29	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		05/04/16 07:48	05/05/16 14:29	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		05/04/16 07:48	05/05/16 14:29	1
Pentachlorophenol	ND		9.5	2.1	ug/L		05/04/16 07:48	05/05/16 14:29	1
Phenanthrene	ND		4.8	0.42	ug/L		05/04/16 07:48	05/05/16 14:29	1
Phenol	ND		4.8	0.37	ug/L		05/04/16 07:48	05/05/16 14:29	1
Pyrene	ND		4.8	0.32	ug/L		05/04/16 07:48	05/05/16 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 132	05/04/16 07:48	05/05/16 14:29	1
2-Fluorobiphenyl	65		48 - 120	05/04/16 07:48	05/05/16 14:29	1
2-Fluorophenol	42		20 - 120	05/04/16 07:48	05/05/16 14:29	1
Nitrobenzene-d5	67		46 - 120	05/04/16 07:48	05/05/16 14:29	1
Phenol-d5	30		16 - 120	05/04/16 07:48	05/05/16 14:29	1
p-Terphenyl-d14	94		67 - 150	05/04/16 07:48	05/05/16 14:29	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99481-3

Date Collected: 05/03/16 00:00

Matrix: Water

Date Received: 05/03/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/12/16 15:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/16 15:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/16 15:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/16 15:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/16 15:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/16 15:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/16 15:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/16 15:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/16 15:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/16 15:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/16 15:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/16 15:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/16 15:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/16 15:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/16 15:50	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/16 15:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/16 15:50	1
Acetone	ND		10	3.0	ug/L			05/12/16 15:50	1
Benzene	ND		1.0	0.41	ug/L			05/12/16 15:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/16 15:50	1
Bromoform	ND		1.0	0.26	ug/L			05/12/16 15:50	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/16 15:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/16 15:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/16 15:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/16 15:50	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/16 15:50	1
Chloroform	ND		1.0	0.34	ug/L			05/12/16 15:50	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/16 15:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/16 15:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/16 15:50	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/16 15:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/16 15:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/16 15:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/16 15:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/16 15:50	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/16 15:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 15:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/16 15:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/16 15:50	1
Styrene	ND		1.0	0.73	ug/L			05/12/16 15:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/16 15:50	1
Toluene	ND		1.0	0.51	ug/L			05/12/16 15:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/16 15:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/16 15:50	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/16 15:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/16 15:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/16 15:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/16 15:50	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: TRIP BLANK

Date Collected: 05/03/16 00:00

Date Received: 05/03/16 15:15

Lab Sample ID: 480-99481-3

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	85		66 - 137		05/12/16 15:50	1
4-Bromofluorobenzene (Surr)	97		73 - 120		05/12/16 15:50	1
Toluene-d8 (Surr)	100		71 - 126		05/12/16 15:50	1
Dibromofluoromethane (Surr)	89		60 - 140		05/12/16 15:50	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-99481-1	BCC Area A DMH-A3_0516	89	97	98	87
480-99481-1 MS	BCC Area A DMH-A3MS_0516	84	99	100	85
480-99481-1 MSD	BCC Area A DMH-A3MSD_0516	86	101	101	90
480-99481-2	BCC Area A DMH-A3D_0516	88	94	95	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-99481-3	TRIP BLANK	85	97	100	89
LCS 480-301334/5	Lab Control Sample	85	102	101	88
MB 480-301334/7	Method Blank	87	100	97	88

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-99481-1	BCC Area A DMH-A3_0516	82	72	45	77	31	81
480-99481-1 MS	BCC Area A DMH-A3MS_0516	94	81	53	81	39	83
480-99481-1 MSD	BCC Area A DMH-A3MSD_0516	97	82	55	83	41	86
480-99481-2	BCC Area A DMH-A3D_0516	93	65	42	67	30	94

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 Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
LCS 480-299802/2-A	Lab Control Sample	102	89	64	87	49	100
MB 480-299802/1-A	Method Blank	83	81	56	83	37	93

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 Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: MB 480-301334/7

Matrix: Water

Analysis Batch: 301334

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/12/16 14:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/16 14:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/16 14:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/16 14:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/16 14:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/16 14:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/16 14:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/16 14:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/16 14:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/16 14:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/16 14:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/16 14:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/16 14:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/16 14:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/16 14:05	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/16 14:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/16 14:05	1
Acetone	ND		10	3.0	ug/L			05/12/16 14:05	1
Benzene	ND		1.0	0.41	ug/L			05/12/16 14:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/16 14:05	1
Bromoform	ND		1.0	0.26	ug/L			05/12/16 14:05	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/16 14:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/16 14:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/16 14:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/16 14:05	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/16 14:05	1
Chloroform	ND		1.0	0.34	ug/L			05/12/16 14:05	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/16 14:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/16 14:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/16 14:05	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/16 14:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/16 14:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/16 14:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/16 14:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/16 14:05	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/16 14:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/16 14:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/16 14:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/16 14:05	1
Styrene	ND		1.0	0.73	ug/L			05/12/16 14:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/16 14:05	1
Toluene	ND		1.0	0.51	ug/L			05/12/16 14:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/16 14:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/16 14:05	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/16 14:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/16 14:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/16 14:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/16 14:05	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	87		66 - 137		05/12/16 14:05	1
4-Bromofluorobenzene (Surr)	100		73 - 120		05/12/16 14:05	1
Toluene-d8 (Surr)	97		71 - 126		05/12/16 14:05	1
Dibromofluoromethane (Surr)	88		60 - 140		05/12/16 14:05	1

Lab Sample ID: LCS 480-301334/5
Matrix: Water
Analysis Batch: 301334

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	23.9		ug/L		96	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.1		ug/L		96	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	24.2		ug/L		97	58 - 121
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	23.8		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	20.0		ug/L		80	75 - 127
1,2-Dichloropropane	25.0	22.5		ug/L		90	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	75 - 120
2-Butanone (MEK)	125	108		ug/L		86	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	99.0		ug/L		79	56 - 142
Benzene	25.0	23.5		ug/L		94	71 - 124
Bromodichloromethane	25.0	21.8		ug/L		87	80 - 122
Bromoform	25.0	27.4		ug/L		109	52 - 132
Bromomethane	25.0	19.0		ug/L		76	55 - 144
Carbon disulfide	25.0	24.2		ug/L		97	59 - 134
Carbon tetrachloride	25.0	24.3		ug/L		97	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	72 - 120
Chloroethane	25.0	22.6		ug/L		90	69 - 136
Chloroform	25.0	21.5		ug/L		86	73 - 127
Chloromethane	25.0	19.6		ug/L		78	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	21.4		ug/L		86	74 - 124
Cyclohexane	25.0	25.0		ug/L		100	59 - 135
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	16.8		ug/L		67	59 - 135
Ethylbenzene	25.0	24.6		ug/L		99	77 - 123
Isopropylbenzene	25.0	24.4		ug/L		98	77 - 122
Methyl acetate	125	121		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	21.8		ug/L		87	64 - 127
Methylcyclohexane	25.0	24.7		ug/L		99	61 - 138
Methylene Chloride	25.0	23.5		ug/L		94	57 - 132
Styrene	25.0	24.9		ug/L		99	70 - 130
Tetrachloroethene	25.0	26.4		ug/L		105	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: LCS 480-301334/5

Matrix: Water

Analysis Batch: 301334

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	24.0		ug/L		96	72 - 123
Trichloroethene	25.0	22.3		ug/L		89	74 - 123
Trichlorofluoromethane	25.0	20.4		ug/L		82	62 - 152
Vinyl chloride	25.0	21.4		ug/L		86	65 - 133
Xylenes, Total	50.0	48.5		ug/L		97	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	101		71 - 126
Dibromofluoromethane (Surr)	88		60 - 140

Lab Sample ID: 480-99481-1 MS

Matrix: Ground Water

Analysis Batch: 301334

Client Sample ID: BCC Area A DMH-A3MS_0516

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F2	25.0	28.3		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	ND	F2	25.0	26.6		ug/L		106	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	25.0	29.0		ug/L		116	52 - 148
1,1,2-Trichloroethane	ND	F2 F1	25.0	26.4		ug/L		106	76 - 122
1,1-Dichloroethane	ND	F2	25.0	25.7		ug/L		103	71 - 129
1,1-Dichloroethene	ND	F2	25.0	27.9		ug/L		112	58 - 121
1,2,4-Trichlorobenzene	ND	F2	25.0	27.6		ug/L		111	70 - 122
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	24.8		ug/L		99	56 - 134
1,2-Dibromoethane	ND	F2	25.0	26.3		ug/L		105	77 - 120
1,2-Dichlorobenzene	ND	F2 F1	25.0	27.4		ug/L		109	80 - 124
1,2-Dichloroethane	ND	F2 F1	25.0	20.7		ug/L		83	75 - 127
1,2-Dichloropropane	ND	F2 F1	25.0	24.4		ug/L		98	76 - 120
1,3-Dichlorobenzene	ND	F2 F1	25.0	27.4		ug/L		110	77 - 120
1,4-Dichlorobenzene	ND	F2 F1	25.0	27.6		ug/L		110	75 - 120
2-Butanone (MEK)	ND	F2	125	121		ug/L		97	57 - 140
2-Hexanone	ND	F2	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	71 - 125
Acetone	ND	F2	125	115		ug/L		92	56 - 142
Benzene	ND	F2	25.0	26.7		ug/L		107	71 - 124
Bromodichloromethane	ND	F2 F1	25.0	23.6		ug/L		94	80 - 122
Bromoform	ND	F2	25.0	28.2		ug/L		113	52 - 132
Bromomethane	ND	F2	25.0	21.4		ug/L		86	55 - 144
Carbon disulfide	ND	F2	25.0	27.6		ug/L		110	59 - 134
Carbon tetrachloride	ND	F2	25.0	28.1		ug/L		112	72 - 134
Chlorobenzene	ND	F2	25.0	27.4		ug/L		109	72 - 120
Chloroethane	ND	F2	25.0	26.2		ug/L		105	69 - 136
Chloroform	ND	F2	25.0	24.5		ug/L		98	73 - 127
Chloromethane	ND	F2 F1	25.0	22.9		ug/L		92	68 - 124
cis-1,2-Dichloroethene	ND	F2 F1	25.0	24.4		ug/L		98	74 - 124
cis-1,3-Dichloropropene	ND	F2 F1	25.0	22.6		ug/L		91	74 - 124

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: 480-99481-1 MS

Client Sample ID: BCC Area A DMH-A3MS_0516

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 301334

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Cyclohexane	ND	F2	25.0	29.1		ug/L		116	59 - 135
Dibromochloromethane	ND	F2	25.0	25.9		ug/L		104	75 - 125
Dichlorodifluoromethane	ND	F2 F1	25.0	19.8		ug/L		79	59 - 135
Ethylbenzene	ND	F2	25.0	28.0		ug/L		112	77 - 123
Isopropylbenzene	ND	F2	25.0	28.8		ug/L		115	77 - 122
Methyl acetate	ND	F2 F1	125	124		ug/L		99	74 - 133
Methyl tert-butyl ether	ND		25.0	22.9		ug/L		91	64 - 127
Methylcyclohexane	ND	F2	25.0	28.4		ug/L		114	61 - 138
Methylene Chloride	ND	F2	25.0	25.4		ug/L		102	57 - 132
Styrene	ND	F2	25.0	27.8		ug/L		111	70 - 130
Tetrachloroethene	ND	F2 F1	25.0	31.0	F1	ug/L		124	74 - 122
Toluene	ND	F2	25.0	28.7		ug/L		115	80 - 122
trans-1,2-Dichloroethene	ND	F2	25.0	27.4		ug/L		110	73 - 127
trans-1,3-Dichloropropene	ND	F2	25.0	25.6		ug/L		102	72 - 123
Trichloroethene	ND	F2	25.0	26.4		ug/L		106	74 - 123
Trichlorofluoromethane	ND	F2	25.0	25.0		ug/L		100	62 - 152
Vinyl chloride	ND	F2	25.0	25.7		ug/L		103	65 - 133
Xylenes, Total	ND	F2	50.0	55.0		ug/L		110	76 - 122

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	84		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	100		71 - 126
Dibromofluoromethane (Surr)	85		60 - 140

Lab Sample ID: 480-99481-1 MSD

Client Sample ID: BCC Area A DMH-A3MSD_0516

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 301334

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND	F2	25.0	20.2	F2	ug/L		81	73 - 126	33	15
1,1,2,2-Tetrachloroethane	ND	F2	25.0	18.1	F2	ug/L		73	70 - 126	38	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	25.0	15.9	F2	ug/L		64	52 - 148	58	20
1,1,2-Trichloroethane	ND	F2 F1	25.0	18.1	F1 F2	ug/L		72	76 - 122	37	15
1,1-Dichloroethane	ND	F2	25.0	19.1	F2	ug/L		76	71 - 129	30	20
1,1-Dichloroethene	ND	F2	25.0	19.7	F2	ug/L		79	58 - 121	34	16
1,2,4-Trichlorobenzene	ND	F2	25.0	18.6	F2	ug/L		75	70 - 122	39	20
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	19.8	F2	ug/L		79	56 - 134	23	15
1,2-Dibromoethane	ND	F2	25.0	19.2	F2	ug/L		77	77 - 120	31	15
1,2-Dichlorobenzene	ND	F2 F1	25.0	18.9	F1 F2	ug/L		75	80 - 124	37	20
1,2-Dichloroethane	ND	F2 F1	25.0	15.7	F1 F2	ug/L		63	75 - 127	27	20
1,2-Dichloropropane	ND	F2 F1	25.0	18.1	F1 F2	ug/L		72	76 - 120	30	20
1,3-Dichlorobenzene	ND	F2 F1	25.0	19.0	F1 F2	ug/L		76	77 - 120	36	20
1,4-Dichlorobenzene	ND	F2 F1	25.0	18.4	F1 F2	ug/L		74	75 - 120	40	20
2-Butanone (MEK)	ND	F2	125	90.7	F2	ug/L		73	57 - 140	29	20
2-Hexanone	ND	F2	125	93.9	F2	ug/L		75	65 - 127	31	15
4-Methyl-2-pentanone (MIBK)	ND		125	93.7		ug/L		75	71 - 125	32	35

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: 480-99481-1 MSD
Matrix: Ground Water
Analysis Batch: 301334

Client Sample ID: BCC Area A DMH-A3MSD_0516
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND	F2	125	87.4	F2	ug/L		70	56 - 142	27	15
Benzene	ND	F2	25.0	19.9	F2	ug/L		79	71 - 124	29	13
Bromodichloromethane	ND	F2 F1	25.0	17.9	F1 F2	ug/L		72	80 - 122	27	15
Bromoform	ND	F2	25.0	21.0	F2	ug/L		84	52 - 132	29	15
Bromomethane	ND	F2	25.0	16.4	F2	ug/L		65	55 - 144	27	15
Carbon disulfide	ND	F2	25.0	19.4	F2	ug/L		78	59 - 134	35	15
Carbon tetrachloride	ND	F2	25.0	20.1	F2	ug/L		80	72 - 134	33	15
Chlorobenzene	ND	F2	25.0	19.4	F2	ug/L		77	72 - 120	34	25
Chloroethane	ND	F2	25.0	19.3	F2	ug/L		77	69 - 136	30	15
Chloroform	ND	F2	25.0	18.2	F2	ug/L		73	73 - 127	30	20
Chloromethane	ND	F2 F1	25.0	16.7	F1 F2	ug/L		67	68 - 124	32	15
cis-1,2-Dichloroethene	ND	F2 F1	25.0	18.3	F1 F2	ug/L		73	74 - 124	29	15
cis-1,3-Dichloropropene	ND	F2 F1	25.0	16.9	F1 F2	ug/L		67	74 - 124	29	15
Cyclohexane	ND	F2	25.0	15.3	F2	ug/L		61	59 - 135	62	20
Dibromochloromethane	ND	F2	25.0	18.7	F2	ug/L		75	75 - 125	33	15
Dichlorodifluoromethane	ND	F2 F1	25.0	11.2	F1 F2	ug/L		45	59 - 135	55	20
Ethylbenzene	ND	F2	25.0	19.6	F2	ug/L		78	77 - 123	35	15
Isopropylbenzene	ND	F2	25.0	19.2	F2	ug/L		77	77 - 122	40	20
Methyl acetate	ND	F2 F1	125	89.7	F1 F2	ug/L		72	74 - 133	32	20
Methyl tert-butyl ether	ND		25.0	17.0		ug/L		68	64 - 127	29	37
Methylcyclohexane	ND	F2	25.0	15.2	F2	ug/L		61	61 - 138	61	20
Methylene Chloride	ND	F2	25.0	18.5	F2	ug/L		74	57 - 132	32	15
Styrene	ND	F2	25.0	19.3	F2	ug/L		77	70 - 130	36	20
Tetrachloroethene	ND	F2 F1	25.0	21.2	F2	ug/L		85	74 - 122	38	20
Toluene	ND	F2	25.0	20.4	F2	ug/L		82	80 - 122	34	15
trans-1,2-Dichloroethene	ND	F2	25.0	20.4	F2	ug/L		81	73 - 127	30	20
trans-1,3-Dichloropropene	ND	F2	25.0	18.1	F2	ug/L		72	72 - 123	34	15
Trichloroethene	ND	F2	25.0	18.8	F2	ug/L		75	74 - 123	34	16
Trichlorofluoromethane	ND	F2	25.0	16.3	F2	ug/L		65	62 - 152	42	20
Vinyl chloride	ND	F2	25.0	18.2	F2	ug/L		73	65 - 133	34	15
Xylenes, Total	ND	F2	50.0	38.3	F2	ug/L		77	76 - 122	36	16

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	86		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	101		71 - 126
Dibromofluoromethane (Surr)	90		60 - 140

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

Lab Sample ID: MB 480-299802/1-A
Matrix: Water
Analysis Batch: 299941

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/04/16 07:48	05/04/16 17:30	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/04/16 07:48	05/04/16 17:30	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/04/16 07:48	05/04/16 17:30	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: MB 480-299802/1-A
Matrix: Water
Analysis Batch: 299941

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299802

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/04/16 07:48	05/04/16 17:30	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/04/16 07:48	05/04/16 17:30	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/04/16 07:48	05/04/16 17:30	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/04/16 07:48	05/04/16 17:30	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/04/16 07:48	05/04/16 17:30	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/04/16 07:48	05/04/16 17:30	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/04/16 07:48	05/04/16 17:30	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/04/16 07:48	05/04/16 17:30	1
2-Nitroaniline	ND		10	0.42	ug/L		05/04/16 07:48	05/04/16 17:30	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/04/16 07:48	05/04/16 17:30	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/04/16 07:48	05/04/16 17:30	1
3-Nitroaniline	ND		10	0.48	ug/L		05/04/16 07:48	05/04/16 17:30	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/04/16 07:48	05/04/16 17:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/04/16 07:48	05/04/16 17:30	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/04/16 07:48	05/04/16 17:30	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/04/16 07:48	05/04/16 17:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/04/16 07:48	05/04/16 17:30	1
4-Methylphenol	ND		10	0.36	ug/L		05/04/16 07:48	05/04/16 17:30	1
4-Nitroaniline	ND		10	0.25	ug/L		05/04/16 07:48	05/04/16 17:30	1
4-Nitrophenol	ND		10	1.5	ug/L		05/04/16 07:48	05/04/16 17:30	1
Acenaphthene	ND		5.0	0.41	ug/L		05/04/16 07:48	05/04/16 17:30	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/04/16 07:48	05/04/16 17:30	1
Acetophenone	ND		5.0	0.54	ug/L		05/04/16 07:48	05/04/16 17:30	1
Aniline	ND		10	0.61	ug/L		05/04/16 07:48	05/04/16 17:30	1
Anthracene	ND		5.0	0.28	ug/L		05/04/16 07:48	05/04/16 17:30	1
Atrazine	ND		5.0	0.46	ug/L		05/04/16 07:48	05/04/16 17:30	1
Benzaldehyde	0.530	J	5.0	0.27	ug/L		05/04/16 07:48	05/04/16 17:30	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/04/16 07:48	05/04/16 17:30	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/04/16 07:48	05/04/16 17:30	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/04/16 07:48	05/04/16 17:30	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/04/16 07:48	05/04/16 17:30	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/04/16 07:48	05/04/16 17:30	1
Biphenyl	ND		5.0	0.65	ug/L		05/04/16 07:48	05/04/16 17:30	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/04/16 07:48	05/04/16 17:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/04/16 07:48	05/04/16 17:30	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/04/16 07:48	05/04/16 17:30	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/04/16 07:48	05/04/16 17:30	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/04/16 07:48	05/04/16 17:30	1
Caprolactam	ND		5.0	2.2	ug/L		05/04/16 07:48	05/04/16 17:30	1
Carbazole	ND		5.0	0.30	ug/L		05/04/16 07:48	05/04/16 17:30	1
Chrysene	ND		5.0	0.33	ug/L		05/04/16 07:48	05/04/16 17:30	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/04/16 07:48	05/04/16 17:30	1
Dibenzofuran	ND		10	0.51	ug/L		05/04/16 07:48	05/04/16 17:30	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/04/16 07:48	05/04/16 17:30	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/04/16 07:48	05/04/16 17:30	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/04/16 07:48	05/04/16 17:30	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/04/16 07:48	05/04/16 17:30	1
Fluoranthene	ND		5.0	0.40	ug/L		05/04/16 07:48	05/04/16 17:30	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: MB 480-299802/1-A
Matrix: Water
Analysis Batch: 299941

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.0	0.36	ug/L		05/04/16 07:48	05/04/16 17:30	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/04/16 07:48	05/04/16 17:30	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/04/16 07:48	05/04/16 17:30	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/04/16 07:48	05/04/16 17:30	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/04/16 07:48	05/04/16 17:30	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/04/16 07:48	05/04/16 17:30	1
Isophorone	ND		5.0	0.43	ug/L		05/04/16 07:48	05/04/16 17:30	1
Naphthalene	ND		5.0	0.76	ug/L		05/04/16 07:48	05/04/16 17:30	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/04/16 07:48	05/04/16 17:30	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/04/16 07:48	05/04/16 17:30	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/04/16 07:48	05/04/16 17:30	1
Pentachlorophenol	ND		10	2.2	ug/L		05/04/16 07:48	05/04/16 17:30	1
Phenanthrene	ND		5.0	0.44	ug/L		05/04/16 07:48	05/04/16 17:30	1
Phenol	ND		5.0	0.39	ug/L		05/04/16 07:48	05/04/16 17:30	1
Pyrene	ND		5.0	0.34	ug/L		05/04/16 07:48	05/04/16 17:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	05/04/16 07:48	05/04/16 17:30	1
2-Fluorobiphenyl	81		48 - 120	05/04/16 07:48	05/04/16 17:30	1
2-Fluorophenol	56		20 - 120	05/04/16 07:48	05/04/16 17:30	1
Nitrobenzene-d5	83		46 - 120	05/04/16 07:48	05/04/16 17:30	1
Phenol-d5	37		16 - 120	05/04/16 07:48	05/04/16 17:30	1
p-Terphenyl-d14	93		67 - 150	05/04/16 07:48	05/04/16 17:30	1

Lab Sample ID: LCS 480-299802/2-A
Matrix: Water
Analysis Batch: 299941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299802

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4,5-Trichlorophenol	16.0	15.0		ug/L		94	65 - 126
2,4,6-Trichlorophenol	16.0	14.6		ug/L		91	64 - 120
2,4-Dichlorophenol	16.0	14.2		ug/L		89	64 - 120
2,4-Dimethylphenol	16.0	11.9		ug/L		74	57 - 120
2,4-Dinitrophenol	32.0	31.0		ug/L		97	42 - 153
2,4-Dinitrotoluene	16.0	14.1		ug/L		88	65 - 154
2,6-Dinitrotoluene	16.0	15.2		ug/L		95	74 - 134
2-Chloronaphthalene	16.0	13.3		ug/L		83	41 - 124
2-Chlorophenol	16.0	12.8		ug/L		80	48 - 120
2-Methylnaphthalene	16.0	13.2		ug/L		83	34 - 122
2-Methylphenol	16.0	12.2		ug/L		76	39 - 120
2-Nitroaniline	16.0	15.6		ug/L		97	67 - 136
2-Nitrophenol	16.0	13.6		ug/L		85	59 - 120
3,3'-Dichlorobenzidine	32.0	38.2		ug/L		119	33 - 140
3-Nitroaniline	16.0	14.3		ug/L		90	28 - 130
4,6-Dinitro-2-methylphenol	32.0	28.0		ug/L		88	64 - 159
4-Bromophenyl phenyl ether	16.0	14.3		ug/L		90	71 - 126
4-Chloro-3-methylphenol	16.0	14.5		ug/L		90	64 - 120
4-Chloroaniline	16.0	12.6		ug/L		79	10 - 130

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: LCS 480-299802/2-A
Matrix: Water
Analysis Batch: 299941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299802

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4-Chlorophenyl phenyl ether	16.0	13.9		ug/L		87	71 - 122
4-Methylphenol	16.0	12.0		ug/L		75	39 - 120
4-Nitroaniline	16.0	17.3		ug/L		108	47 - 130
4-Nitrophenol	32.0	22.0		ug/L		69	16 - 120
Acenaphthene	16.0	14.1		ug/L		88	60 - 120
Acenaphthylene	16.0	14.2		ug/L		89	63 - 120
Acetophenone	16.0	13.0		ug/L		81	45 - 120
Aniline	16.0	8.62	J	ug/L		54	37 - 120
Anthracene	16.0	14.7		ug/L		92	58 - 148
Atrazine	32.0	35.6		ug/L		111	56 - 179
Benzaldehyde	32.0	82.5	E *	ug/L		258	30 - 140
Benzo(a)anthracene	16.0	15.4		ug/L		96	55 - 151
Benzo(a)pyrene	16.0	15.2		ug/L		95	60 - 145
Benzo(b)fluoranthene	16.0	15.3		ug/L		96	54 - 140
Benzo(g,h,i)perylene	16.0	16.4		ug/L		103	66 - 152
Benzo(k)fluoranthene	16.0	15.4		ug/L		96	51 - 153
Biphenyl	16.0	13.8		ug/L		86	30 - 140
bis (2-chloroisopropyl) ether	16.0	13.0		ug/L		81	28 - 136
Bis(2-chloroethoxy)methane	16.0	13.6		ug/L		85	50 - 128
Bis(2-chloroethyl)ether	16.0	12.6		ug/L		79	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	16.2		ug/L		101	53 - 158
Butyl benzyl phthalate	16.0	16.5		ug/L		103	58 - 163
Caprolactam	32.0	12.2		ug/L		38	14 - 130
Carbazole	16.0	16.3		ug/L		102	59 - 148
Chrysene	16.0	15.6		ug/L		98	69 - 140
Dibenz(a,h)anthracene	16.0	16.6		ug/L		104	57 - 148
Dibenzofuran	16.0	14.4		ug/L		90	49 - 137
Diethyl phthalate	16.0	15.1		ug/L		94	59 - 146
Dimethyl phthalate	16.0	15.3		ug/L		96	59 - 141
Di-n-butyl phthalate	16.0	16.3		ug/L		102	58 - 149
Di-n-octyl phthalate	16.0	17.3		ug/L		108	55 - 167
Fluoranthene	16.0	16.4		ug/L		103	55 - 147
Fluorene	16.0	14.6		ug/L		91	55 - 143
Hexachlorobenzene	16.0	13.9		ug/L		87	14 - 130
Hexachlorobutadiene	16.0	10.8		ug/L		67	14 - 130
Hexachlorocyclopentadiene	16.0	10.7		ug/L		67	13 - 130
Hexachloroethane	16.0	10.7		ug/L		67	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	16.4		ug/L		103	69 - 146
Isophorone	16.0	13.8		ug/L		87	48 - 133
Naphthalene	16.0	12.8		ug/L		80	35 - 130
Nitrobenzene	16.0	13.4		ug/L		84	45 - 123
N-Nitrosodi-n-propylamine	16.0	13.5		ug/L		84	56 - 120
N-Nitrosodiphenylamine	16.0	13.9		ug/L		87	25 - 125
Pentachlorophenol	32.0	29.0		ug/L		91	39 - 136
Phenanthrene	16.0	15.1		ug/L		94	57 - 147
Phenol	16.0	7.65		ug/L		48	17 - 120
Pyrene	16.0	15.4		ug/L		96	58 - 136

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: LCS 480-299802/2-A
Matrix: Water
Analysis Batch: 299941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299802

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	102		52 - 132
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol	64		20 - 120
Nitrobenzene-d5	87		46 - 120
Phenol-d5	49		16 - 120
p-Terphenyl-d14	100		67 - 150

Lab Sample ID: 480-99481-1 MS
Matrix: Ground Water
Analysis Batch: 299941

Client Sample ID: BCC Area A DMH-A3MS_0516
Prep Type: Total/NA
Prep Batch: 299802

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4,5-Trichlorophenol	ND		15.1	13.1		ug/L		87	65 - 126
2,4,6-Trichlorophenol	ND		15.1	13.0		ug/L		86	64 - 120
2,4-Dichlorophenol	ND		15.1	12.1		ug/L		81	64 - 120
2,4-Dimethylphenol	ND		15.1	11.7		ug/L		78	57 - 120
2,4-Dinitrophenol	ND		30.1	29.3		ug/L		97	42 - 153
2,4-Dinitrotoluene	ND		15.1	12.8		ug/L		85	62 - 148
2,6-Dinitrotoluene	ND		15.1	14.5		ug/L		96	65 - 154
2-Chloronaphthalene	ND		15.1	11.5		ug/L		76	41 - 124
2-Chlorophenol	ND		15.1	10.3		ug/L		68	48 - 120
2-Methylnaphthalene	ND		15.1	11.6		ug/L		77	34 - 122
2-Methylphenol	ND		15.1	9.95		ug/L		66	39 - 120
2-Nitroaniline	ND		15.1	14.4		ug/L		95	67 - 136
2-Nitrophenol	ND		15.1	11.4		ug/L		76	59 - 120
3,3'-Dichlorobenzidine	ND		30.1	20.0		ug/L		66	33 - 140
3-Nitroaniline	ND		15.1	11.1		ug/L		74	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.1	24.7		ug/L		82	64 - 159
4-Bromophenyl phenyl ether	ND		15.1	12.7		ug/L		84	71 - 126
4-Chloro-3-methylphenol	ND		15.1	12.7		ug/L		85	64 - 120
4-Chloroaniline	ND	F1	15.1	9.14		ug/L		61	60 - 124
4-Chlorophenyl phenyl ether	ND		15.1	12.3		ug/L		82	48 - 145
4-Methylphenol	ND		15.1	9.68		ug/L		64	36 - 120
4-Nitroaniline	ND		15.1	13.2		ug/L		88	64 - 135
4-Nitrophenol	ND		30.1	18.5		ug/L		61	16 - 120
Acenaphthene	ND		15.1	12.2		ug/L		81	60 - 120
Acenaphthylene	ND		15.1	12.5		ug/L		83	63 - 120
Acetophenone	ND		15.1	11.4		ug/L		76	45 - 120
Aniline	ND	F1 F2	15.1	4.95	J F1	ug/L		33	37 - 120
Anthracene	ND		15.1	13.6		ug/L		90	58 - 148
Atrazine	ND		30.1	32.6		ug/L		108	56 - 179
Benzaldehyde	0.56	J B * F1	30.1	71.5	E F1	ug/L		236	30 - 140
Benzo(a)anthracene	ND		15.1	12.8		ug/L		85	55 - 151
Benzo(a)pyrene	ND		15.1	11.9		ug/L		79	60 - 145
Benzo(b)fluoranthene	ND		15.1	11.9		ug/L		79	54 - 140
Benzo(g,h,i)perylene	ND		15.1	11.8		ug/L		79	66 - 152
Benzo(k)fluoranthene	ND		15.1	11.7		ug/L		78	51 - 153
Biphenyl	ND		15.1	11.9		ug/L		79	30 - 140

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: 480-99481-1 MS

Matrix: Ground Water

Analysis Batch: 299941

Client Sample ID: BCC Area A DMH-A3MS_0516

Prep Type: Total/NA

Prep Batch: 299802

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
bis (2-chloroisopropyl) ether	ND		15.1	11.4		ug/L		76		28 - 136
Bis(2-chloroethoxy)methane	ND		15.1	11.6		ug/L		77		50 - 128
Bis(2-chloroethyl)ether	ND		15.1	11.1		ug/L		74		51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.1	10.7		ug/L		71		53 - 158
Butyl benzyl phthalate	ND		15.1	14.0		ug/L		93		58 - 163
Caprolactam	ND		30.1	11.4		ug/L		38		30 - 140
Carbazole	ND		15.1	14.3		ug/L		95		59 - 148
Chrysene	ND		15.1	12.6		ug/L		84		69 - 140
Dibenz(a,h)anthracene	ND		15.1	10.9		ug/L		73		57 - 158
Dibenzofuran	ND		15.1	12.9		ug/L		85		49 - 137
Diethyl phthalate	ND		15.1	13.7		ug/L		91		59 - 146
Dimethyl phthalate	ND		15.1	14.0		ug/L		93		59 - 141
Di-n-butyl phthalate	ND		15.1	14.4		ug/L		96		58 - 149
Di-n-octyl phthalate	ND		15.1	11.0		ug/L		73		55 - 167
Fluoranthene	ND		15.1	14.6		ug/L		97		55 - 147
Fluorene	ND		15.1	12.9		ug/L		86		55 - 143
Hexachlorobenzene	ND		15.1	12.2		ug/L		81		38 - 131
Hexachlorobutadiene	ND		15.1	9.43		ug/L		63		14 - 130
Hexachlorocyclopentadiene	ND		15.1	8.57		ug/L		57		13 - 130
Hexachloroethane	ND		15.1	9.30		ug/L		62		14 - 130
Indeno(1,2,3-cd)pyrene	ND		15.1	11.4		ug/L		76		69 - 146
Isophorone	ND		15.1	12.1		ug/L		80		48 - 133
Naphthalene	ND		15.1	11.3		ug/L		75		35 - 130
Nitrobenzene	ND		15.1	11.8		ug/L		79		45 - 123
N-Nitrosodi-n-propylamine	ND		15.1	11.8		ug/L		78		56 - 120
N-Nitrosodiphenylamine	ND		15.1	13.2		ug/L		87		25 - 125
Pentachlorophenol	ND		30.1	27.1		ug/L		90		39 - 136
Phenanthrene	ND		15.1	13.7		ug/L		91		57 - 147
Phenol	ND		15.1	5.87		ug/L		39		17 - 120
Pyrene	ND		15.1	13.7		ug/L		91		58 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	94		52 - 132
2-Fluorobiphenyl	81		48 - 120
2-Fluorophenol	53		20 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	39		16 - 120
p-Terphenyl-d14	83		67 - 150

Lab Sample ID: 480-99481-1 MSD

Matrix: Ground Water

Analysis Batch: 299941

Client Sample ID: BCC Area A DMH-A3MSD_0516

Prep Type: Total/NA

Prep Batch: 299802

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
2,4,5-Trichlorophenol	ND		15.0	13.1		ug/L		87		65 - 126	0	18
2,4,6-Trichlorophenol	ND		15.0	13.2		ug/L		88		64 - 120	2	19
2,4-Dichlorophenol	ND		15.0	12.8		ug/L		85		64 - 120	5	19
2,4-Dimethylphenol	ND		15.0	11.9		ug/L		79		57 - 120	2	42

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: 480-99481-1 MSD
Matrix: Ground Water
Analysis Batch: 299941

Client Sample ID: BCC Area A DMH-A3MSD_0516
Prep Type: Total/NA
Prep Batch: 299802

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2,4-Dinitrophenol	ND		30.0	32.4		ug/L		108	42 - 153	10	22
2,4-Dinitrotoluene	ND		15.0	13.2		ug/L		88	62 - 148	3	20
2,6-Dinitrotoluene	ND		15.0	14.9		ug/L		99	65 - 154	3	15
2-Chloronaphthalene	ND		15.0	11.7		ug/L		78	41 - 124	2	21
2-Chlorophenol	ND		15.0	10.8		ug/L		72	48 - 120	5	25
2-Methylnaphthalene	ND		15.0	11.8		ug/L		79	34 - 122	2	21
2-Methylphenol	ND		15.0	10.2		ug/L		68	39 - 120	2	27
2-Nitroaniline	ND		15.0	14.2		ug/L		95	67 - 136	1	15
2-Nitrophenol	ND		15.0	12.0		ug/L		80	59 - 120	4	18
3,3'-Dichlorobenzidine	ND		30.0	18.3		ug/L		61	33 - 140	9	25
3-Nitroaniline	ND		15.0	10.6		ug/L		71	69 - 129	4	19
4,6-Dinitro-2-methylphenol	ND		30.0	25.9		ug/L		86	64 - 159	5	15
4-Bromophenyl phenyl ether	ND		15.0	12.7		ug/L		85	71 - 126	0	15
4-Chloro-3-methylphenol	ND		15.0	13.4		ug/L		90	64 - 120	5	27
4-Chloroaniline	ND	F1	15.0	8.81	F1	ug/L		59	60 - 124	4	22
4-Chlorophenyl phenyl ether	ND		15.0	12.6		ug/L		84	48 - 145	2	16
4-Methylphenol	ND		15.0	10.0		ug/L		67	36 - 120	4	24
4-Nitroaniline	ND		15.0	12.9		ug/L		86	64 - 135	2	24
4-Nitrophenol	ND		30.0	19.3		ug/L		64	16 - 120	4	48
Acenaphthene	ND		15.0	12.5		ug/L		84	60 - 120	2	24
Acenaphthylene	ND		15.0	12.7		ug/L		85	63 - 120	1	18
Acetophenone	ND		15.0	11.9		ug/L		79	45 - 120	4	20
Aniline	ND	F1 F2	15.0	2.16	J F1 F2	ug/L		14	37 - 120	78	30
Anthracene	ND		15.0	13.7		ug/L		91	58 - 148	1	15
Atrazine	ND		30.0	32.9		ug/L		110	56 - 179	1	20
Benzaldehyde	0.56	J B * F1	30.0	74.2	E F1	ug/L		246	30 - 140	4	20
Benzo(a)anthracene	ND		15.0	13.0		ug/L		87	55 - 151	2	15
Benzo(a)pyrene	ND		15.0	12.1		ug/L		81	60 - 145	2	15
Benzo(b)fluoranthene	ND		15.0	12.4		ug/L		83	54 - 140	4	15
Benzo(g,h,i)perylene	ND		15.0	11.9		ug/L		79	66 - 152	0	15
Benzo(k)fluoranthene	ND		15.0	12.1		ug/L		81	51 - 153	4	22
Biphenyl	ND		15.0	12.1		ug/L		81	30 - 140	2	20
bis (2-chloroisopropyl) ether	ND		15.0	11.6		ug/L		77	28 - 136	2	24
Bis(2-chloroethoxy)methane	ND		15.0	12.2		ug/L		81	50 - 128	4	17
Bis(2-chloroethyl)ether	ND		15.0	11.2		ug/L		75	51 - 120	1	21
Bis(2-ethylhexyl) phthalate	ND		15.0	11.2		ug/L		75	53 - 158	4	15
Butyl benzyl phthalate	ND		15.0	14.4		ug/L		96	58 - 163	3	16
Caprolactam	ND		30.0	11.8		ug/L		40	30 - 140	4	20
Carbazole	ND		15.0	14.4		ug/L		96	59 - 148	1	20
Chrysene	ND		15.0	13.0		ug/L		87	69 - 140	3	15
Dibenz(a,h)anthracene	ND		15.0	11.1		ug/L		74	57 - 158	2	15
Dibenzofuran	ND		15.0	13.2		ug/L		88	49 - 137	2	15
Diethyl phthalate	ND		15.0	14.0		ug/L		94	59 - 146	3	15
Dimethyl phthalate	ND		15.0	14.1		ug/L		94	59 - 141	1	15
Di-n-butyl phthalate	ND		15.0	14.7		ug/L		98	58 - 149	2	15
Di-n-octyl phthalate	ND		15.0	10.8		ug/L		72	55 - 167	2	16
Fluoranthene	ND		15.0	15.1		ug/L		101	55 - 147	4	15
Fluorene	ND		15.0	13.4		ug/L		89	55 - 143	4	15

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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

Lab Sample ID: 480-99481-1 MSD

Client Sample ID: BCC Area A DMH-A3MSD_0516

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 299941

Prep Batch: 299802

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Hexachlorobenzene	ND		15.0	12.2		ug/L		82	38 - 131	0	15
Hexachlorobutadiene	ND		15.0	9.52		ug/L		63	14 - 130	1	44
Hexachlorocyclopentadiene	ND		15.0	8.09		ug/L		54	13 - 130	6	49
Hexachloroethane	ND		15.0	9.39		ug/L		63	14 - 130	1	46
Indeno(1,2,3-cd)pyrene	ND		15.0	11.6		ug/L		77	69 - 146	1	15
Isophorone	ND		15.0	12.6		ug/L		84	48 - 133	5	17
Naphthalene	ND		15.0	11.5		ug/L		77	35 - 130	2	29
Nitrobenzene	ND		15.0	12.2		ug/L		81	45 - 123	3	24
N-Nitrosodi-n-propylamine	ND		15.0	12.3		ug/L		82	56 - 120	4	31
N-Nitrosodiphenylamine	ND		15.0	13.3		ug/L		89	25 - 125	1	15
Pentachlorophenol	ND		30.0	28.7		ug/L		96	39 - 136	6	37
Phenanthrene	ND		15.0	13.9		ug/L		93	57 - 147	2	15
Phenol	ND		15.0	6.20		ug/L		41	17 - 120	6	34
Pyrene	ND		15.0	14.1		ug/L		94	58 - 136	3	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	97		52 - 132
2-Fluorobiphenyl	82		48 - 120
2-Fluorophenol	55		20 - 120
Nitrobenzene-d5	83		46 - 120
Phenol-d5	41		16 - 120
p-Terphenyl-d14	86		67 - 150

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

GC/MS VOA

Analysis Batch: 301334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99481-1	BCC Area A DMH-A3_0516	Total/NA	Ground Water	8260C	
480-99481-1 MS	BCC Area A DMH-A3MS_0516	Total/NA	Ground Water	8260C	
480-99481-1 MSD	BCC Area A DMH-A3MSD_0516	Total/NA	Ground Water	8260C	
480-99481-2	BCC Area A DMH-A3D_0516	Total/NA	Ground Water	8260C	
480-99481-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-301334/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-301334/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 299802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99481-1	BCC Area A DMH-A3_0516	Total/NA	Ground Water	3510C	
480-99481-1 MS	BCC Area A DMH-A3MS_0516	Total/NA	Ground Water	3510C	
480-99481-1 MSD	BCC Area A DMH-A3MSD_0516	Total/NA	Ground Water	3510C	
480-99481-2	BCC Area A DMH-A3D_0516	Total/NA	Ground Water	3510C	
LCS 480-299802/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-299802/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 299941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99481-1	BCC Area A DMH-A3_0516	Total/NA	Ground Water	8270D	299802
480-99481-1 MS	BCC Area A DMH-A3MS_0516	Total/NA	Ground Water	8270D	299802
480-99481-1 MSD	BCC Area A DMH-A3MSD_0516	Total/NA	Ground Water	8270D	299802
LCS 480-299802/2-A	Lab Control Sample	Total/NA	Water	8270D	299802
MB 480-299802/1-A	Method Blank	Total/NA	Water	8270D	299802

Analysis Batch: 300121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-99481-2	BCC Area A DMH-A3D_0516	Total/NA	Ground Water	8270D	299802

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Client Sample ID: BCC Area A DMH-A3_0516

Lab Sample ID: 480-99481-1

Date Collected: 05/03/16 11:00

Matrix: Ground Water

Date Received: 05/03/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	301334	05/12/16 15:04	RJF	TAL BUF
Total/NA	Prep	3510C			299802	05/04/16 07:48	RJS	TAL BUF
Total/NA	Analysis	8270D		1	299941	05/04/16 19:28	PJQ	TAL BUF

Client Sample ID: BCC Area A DMH-A3D_0516

Lab Sample ID: 480-99481-2

Date Collected: 05/03/16 11:15

Matrix: Ground Water

Date Received: 05/03/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	301334	05/12/16 15:27	RJF	TAL BUF
Total/NA	Prep	3510C			299802	05/04/16 07:48	RJS	TAL BUF
Total/NA	Analysis	8270D		1	300121	05/05/16 14:29	PJQ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-99481-3

Date Collected: 05/03/16 00:00

Matrix: Water

Date Received: 05/03/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	301334	05/12/16 15:50	RJF	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

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

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Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-99481-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-99481-1	BCC Area A DMH-A3_0516	Ground Water	05/03/16 11:00	05/03/16 15:15
480-99481-2	BCC Area A DMH-A3D_0516	Ground Water	05/03/16 11:15	05/03/16 15:15
480-99481-3	TRIP BLANK	Water	05/03/16 00:00	05/03/16 15:15

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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 A Storm Sewer Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745 PO# 52954		Project Manager: Schöve, John Tel/Fax: (716) 912-9926 Analysis Turnaround Time Calendar (C) or Work Days (W) W <input checked="" type="checkbox"/> TAT <input 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: Schöve, John Date: 5-3-16 Carrier: OSC		COC No: 990 066-0516 I. of J. COCs Job No. 0813-0MM SDG No.							
Sample Identification BCC_Area A_DMH-A3_0516 BCC_Area A_DMH-A3D_0516 BCC_Area A_DMH-A3MS_0516 BCC_Area A_DMH-A3MSD_0516 Trip Blank		Sample Date 5/3-16 5/3-16 5/3-16 5/3-16		Sample Time 1100 1115 1130 1145		Sample Type G G G G N/A		Matrix W W W W N/A		# of Cont. 5 5 5 5 3		Sample Specific Notes: 480-99481 Chain of Custody 	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown		Container Volume (ml) 2-V 1-A		Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Temp 317 #3 ICE		Received by: <i>Wagner</i> Date/Time: 5/3-16 1515		Company: OSC	
Relinquished by: <i>Tom Wagner</i>		Relinquished by:		Relinquished by:		Relinquished by:		Relinquished by:		Relinquished by:		Relinquished by:	



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-99481-1

Login Number: 99481
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-104756-1

Client Project/Site: 37745-Buffalo Color Area A Storm Sewer

Sampling Event: 37745-Buffalo Color Area A Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

8/24/2016 11:27:17 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

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 Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Job ID: 480-104756-1

Laboratory: TestAmerica Buffalo

Narrative

**Job Narrative
480-104756-1**

Comments

No additional comments.

Receipt

The samples were received on 8/18/2016 3:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-316901 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported. The following samples are impacted: BCC Area A DMH-A3_0816 (480-104756-1), BCC Area A DMH-A3 D_0816 (480-104756-2) and TRIP BLANK (480-104756-3).

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

GC/MS Semi VOA

Method(s) 8270D, 8270D LL: The continuing calibration verification (CCV) associated with batch 480-317048 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether and 3,3'-Dichlorobenzidine. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8270D, 8270D LL: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-317048 was outside criteria for the following analyte(s): Bis(2-chloroethoxy)methane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

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

Organic Prep

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3_0816

Lab Sample ID: 480-104756-1

No Detections.

Client Sample ID: BCC Area A DMH-A3 D_0816

Lab Sample ID: 480-104756-2

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

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104756-3

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

- 1
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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3_0816

Lab Sample ID: 480-104756-1

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			08/20/16 04:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 04:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 04:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/16 04:14	1
1,1-Dichloroethane	ND	F1	1.0	0.38	ug/L			08/20/16 04:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 04:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 04:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/16 04:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 04:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/16 04:14	1
1,2-Dichloroethane	ND	F1	1.0	0.21	ug/L			08/20/16 04:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 04:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/16 04:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/16 04:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 04:14	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 04:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 04:14	1
Acetone	ND		10	3.0	ug/L			08/20/16 04:14	1
Benzene	ND		1.0	0.41	ug/L			08/20/16 04:14	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			08/20/16 04:14	1
Bromoform	ND		1.0	0.26	ug/L			08/20/16 04:14	1
Bromomethane	ND	F1 F2	1.0	0.69	ug/L			08/20/16 04:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/16 04:14	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			08/20/16 04:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/16 04:14	1
Chloroethane	ND	F1 F2	1.0	0.32	ug/L			08/20/16 04:14	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 04:14	1
Chloromethane	ND	F1 F2	1.0	0.35	ug/L			08/20/16 04:14	1
cis-1,2-Dichloroethene	ND	F1	1.0	0.81	ug/L			08/20/16 04:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 04:14	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 04:14	1
Dibromochloromethane	ND	F1	1.0	0.32	ug/L			08/20/16 04:14	1
Dichlorodifluoromethane	ND	F1 F2	1.0	0.68	ug/L			08/20/16 04:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 04:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 04:14	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 04:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 04:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 04:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 04:14	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 04:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 04:14	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 04:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 04:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 04:14	1
Trichloroethene	ND	F1	1.0	0.46	ug/L			08/20/16 04:14	1
Trichlorofluoromethane	ND	F1 F2	1.0	0.88	ug/L			08/20/16 04:14	1
Vinyl chloride	ND	F1 F2	1.0	0.90	ug/L			08/20/16 04:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 04:14	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3_0816

Lab Sample ID: 480-104756-1

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		08/20/16 04:14	1
4-Bromofluorobenzene (Surr)	110		73 - 120		08/20/16 04:14	1
Toluene-d8 (Surr)	96		80 - 120		08/20/16 04:14	1
Dibromofluoromethane (Surr)	111		75 - 123		08/20/16 04:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		08/19/16 07:57	08/22/16 13:32	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		08/19/16 07:57	08/22/16 13:32	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		08/19/16 07:57	08/22/16 13:32	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		08/19/16 07:57	08/22/16 13:32	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		08/19/16 07:57	08/22/16 13:32	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		08/19/16 07:57	08/22/16 13:32	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 13:32	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		08/19/16 07:57	08/22/16 13:32	1
2-Chlorophenol	ND		4.7	0.50	ug/L		08/19/16 07:57	08/22/16 13:32	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		08/19/16 07:57	08/22/16 13:32	1
2-Methylphenol	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 13:32	1
2-Nitroaniline	ND		9.4	0.39	ug/L		08/19/16 07:57	08/22/16 13:32	1
2-Nitrophenol	ND		4.7	0.45	ug/L		08/19/16 07:57	08/22/16 13:32	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 13:32	1
3-Nitroaniline	ND	F1	9.4	0.45	ug/L		08/19/16 07:57	08/22/16 13:32	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		08/19/16 07:57	08/22/16 13:32	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		08/19/16 07:57	08/22/16 13:32	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		08/19/16 07:57	08/22/16 13:32	1
4-Chloroaniline	ND	F1	4.7	0.55	ug/L		08/19/16 07:57	08/22/16 13:32	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		08/19/16 07:57	08/22/16 13:32	1
4-Methylphenol	ND		9.4	0.34	ug/L		08/19/16 07:57	08/22/16 13:32	1
4-Nitroaniline	ND		9.4	0.23	ug/L		08/19/16 07:57	08/22/16 13:32	1
4-Nitrophenol	ND		9.4	1.4	ug/L		08/19/16 07:57	08/22/16 13:32	1
Acenaphthene	ND		4.7	0.38	ug/L		08/19/16 07:57	08/22/16 13:32	1
Acenaphthylene	ND		4.7	0.36	ug/L		08/19/16 07:57	08/22/16 13:32	1
Acetophenone	ND		4.7	0.51	ug/L		08/19/16 07:57	08/22/16 13:32	1
Aniline	ND		9.4	0.57	ug/L		08/19/16 07:57	08/22/16 13:32	1
Anthracene	ND		4.7	0.26	ug/L		08/19/16 07:57	08/22/16 13:32	1
Atrazine	ND		4.7	0.43	ug/L		08/19/16 07:57	08/22/16 13:32	1
Benzaldehyde	ND		4.7	0.25	ug/L		08/19/16 07:57	08/22/16 13:32	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		08/19/16 07:57	08/22/16 13:32	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		08/19/16 07:57	08/22/16 13:32	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		08/19/16 07:57	08/22/16 13:32	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		08/19/16 07:57	08/22/16 13:32	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		08/19/16 07:57	08/22/16 13:32	1
Biphenyl	ND		4.7	0.61	ug/L		08/19/16 07:57	08/22/16 13:32	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		08/19/16 07:57	08/22/16 13:32	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		08/19/16 07:57	08/22/16 13:32	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 13:32	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		08/19/16 07:57	08/22/16 13:32	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		08/19/16 07:57	08/22/16 13:32	1
Caprolactam	ND		4.7	2.1	ug/L		08/19/16 07:57	08/22/16 13:32	1
Carbazole	ND		4.7	0.28	ug/L		08/19/16 07:57	08/22/16 13:32	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3_0816

Lab Sample ID: 480-104756-1

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		08/19/16 07:57	08/22/16 13:32	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		08/19/16 07:57	08/22/16 13:32	1
Dibenzofuran	ND		9.4	0.48	ug/L		08/19/16 07:57	08/22/16 13:32	1
Diethyl phthalate	ND		4.7	0.21	ug/L		08/19/16 07:57	08/22/16 13:32	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		08/19/16 07:57	08/22/16 13:32	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		08/19/16 07:57	08/22/16 13:32	1
Di-n-octyl phthalate	ND	F1	4.7	0.44	ug/L		08/19/16 07:57	08/22/16 13:32	1
Fluoranthene	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 13:32	1
Fluorene	ND		4.7	0.34	ug/L		08/19/16 07:57	08/22/16 13:32	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		08/19/16 07:57	08/22/16 13:32	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		08/19/16 07:57	08/22/16 13:32	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		08/19/16 07:57	08/22/16 13:32	1
Hexachloroethane	ND		4.7	0.55	ug/L		08/19/16 07:57	08/22/16 13:32	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		08/19/16 07:57	08/22/16 13:32	1
Isophorone	ND		4.7	0.40	ug/L		08/19/16 07:57	08/22/16 13:32	1
Naphthalene	ND		4.7	0.71	ug/L		08/19/16 07:57	08/22/16 13:32	1
Nitrobenzene	ND		4.7	0.27	ug/L		08/19/16 07:57	08/22/16 13:32	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		08/19/16 07:57	08/22/16 13:32	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		08/19/16 07:57	08/22/16 13:32	1
Pentachlorophenol	ND		9.4	2.1	ug/L		08/19/16 07:57	08/22/16 13:32	1
Phenanthrene	ND		4.7	0.41	ug/L		08/19/16 07:57	08/22/16 13:32	1
Phenol	ND		4.7	0.36	ug/L		08/19/16 07:57	08/22/16 13:32	1
Pyrene	ND		4.7	0.32	ug/L		08/19/16 07:57	08/22/16 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 132				08/19/16 07:57	08/22/16 13:32	1
2-Fluorobiphenyl	77		48 - 120				08/19/16 07:57	08/22/16 13:32	1
2-Fluorophenol	54		20 - 120				08/19/16 07:57	08/22/16 13:32	1
Nitrobenzene-d5	71		46 - 120				08/19/16 07:57	08/22/16 13:32	1
Phenol-d5	39		16 - 120				08/19/16 07:57	08/22/16 13:32	1
p-Terphenyl-d14	97		67 - 150				08/19/16 07:57	08/22/16 13:32	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3 D_0816

Lab Sample ID: 480-104756-2

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/20/16 04:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 04:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 04:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/16 04:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/16 04:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 04:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 04:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/16 04:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 04:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/16 04:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/16 04:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 04:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/16 04:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/16 04:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 04:38	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 04:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 04:38	1
Acetone	3.3	J	10	3.0	ug/L			08/20/16 04:38	1
Benzene	ND		1.0	0.41	ug/L			08/20/16 04:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/16 04:38	1
Bromoform	ND		1.0	0.26	ug/L			08/20/16 04:38	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/16 04:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/16 04:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/16 04:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/16 04:38	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/16 04:38	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 04:38	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/16 04:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/16 04:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 04:38	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 04:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/16 04:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/16 04:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 04:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 04:38	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 04:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 04:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 04:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 04:38	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 04:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 04:38	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 04:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 04:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 04:38	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/16 04:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/16 04:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/16 04:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 04:38	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3 D_0816

Lab Sample ID: 480-104756-2

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		08/20/16 04:38	1
4-Bromofluorobenzene (Surr)	107		73 - 120		08/20/16 04:38	1
Toluene-d8 (Surr)	96		80 - 120		08/20/16 04:38	1
Dibromofluoromethane (Surr)	114		75 - 123		08/20/16 04:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		08/19/16 07:57	08/22/16 14:01	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		08/19/16 07:57	08/22/16 14:01	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		08/19/16 07:57	08/22/16 14:01	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		08/19/16 07:57	08/22/16 14:01	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		08/19/16 07:57	08/22/16 14:01	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		08/19/16 07:57	08/22/16 14:01	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 14:01	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		08/19/16 07:57	08/22/16 14:01	1
2-Chlorophenol	ND		4.7	0.50	ug/L		08/19/16 07:57	08/22/16 14:01	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		08/19/16 07:57	08/22/16 14:01	1
2-Methylphenol	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 14:01	1
2-Nitroaniline	ND		9.4	0.39	ug/L		08/19/16 07:57	08/22/16 14:01	1
2-Nitrophenol	ND		4.7	0.45	ug/L		08/19/16 07:57	08/22/16 14:01	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 14:01	1
3-Nitroaniline	ND		9.4	0.45	ug/L		08/19/16 07:57	08/22/16 14:01	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		08/19/16 07:57	08/22/16 14:01	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		08/19/16 07:57	08/22/16 14:01	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		08/19/16 07:57	08/22/16 14:01	1
4-Chloroaniline	ND		4.7	0.55	ug/L		08/19/16 07:57	08/22/16 14:01	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		08/19/16 07:57	08/22/16 14:01	1
4-Methylphenol	ND		9.4	0.34	ug/L		08/19/16 07:57	08/22/16 14:01	1
4-Nitroaniline	ND		9.4	0.23	ug/L		08/19/16 07:57	08/22/16 14:01	1
4-Nitrophenol	ND		9.4	1.4	ug/L		08/19/16 07:57	08/22/16 14:01	1
Acenaphthene	ND		4.7	0.38	ug/L		08/19/16 07:57	08/22/16 14:01	1
Acenaphthylene	ND		4.7	0.36	ug/L		08/19/16 07:57	08/22/16 14:01	1
Acetophenone	ND		4.7	0.51	ug/L		08/19/16 07:57	08/22/16 14:01	1
Aniline	ND		9.4	0.57	ug/L		08/19/16 07:57	08/22/16 14:01	1
Anthracene	ND		4.7	0.26	ug/L		08/19/16 07:57	08/22/16 14:01	1
Atrazine	ND		4.7	0.43	ug/L		08/19/16 07:57	08/22/16 14:01	1
Benzaldehyde	ND		4.7	0.25	ug/L		08/19/16 07:57	08/22/16 14:01	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		08/19/16 07:57	08/22/16 14:01	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		08/19/16 07:57	08/22/16 14:01	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		08/19/16 07:57	08/22/16 14:01	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		08/19/16 07:57	08/22/16 14:01	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		08/19/16 07:57	08/22/16 14:01	1
Biphenyl	ND		4.7	0.61	ug/L		08/19/16 07:57	08/22/16 14:01	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		08/19/16 07:57	08/22/16 14:01	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		08/19/16 07:57	08/22/16 14:01	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 14:01	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		08/19/16 07:57	08/22/16 14:01	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		08/19/16 07:57	08/22/16 14:01	1
Caprolactam	ND		4.7	2.1	ug/L		08/19/16 07:57	08/22/16 14:01	1
Carbazole	ND		4.7	0.28	ug/L		08/19/16 07:57	08/22/16 14:01	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3 D_0816

Lab Sample ID: 480-104756-2

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		08/19/16 07:57	08/22/16 14:01	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		08/19/16 07:57	08/22/16 14:01	1
Dibenzofuran	ND		9.4	0.48	ug/L		08/19/16 07:57	08/22/16 14:01	1
Diethyl phthalate	ND		4.7	0.21	ug/L		08/19/16 07:57	08/22/16 14:01	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		08/19/16 07:57	08/22/16 14:01	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		08/19/16 07:57	08/22/16 14:01	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		08/19/16 07:57	08/22/16 14:01	1
Fluoranthene	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 14:01	1
Fluorene	ND		4.7	0.34	ug/L		08/19/16 07:57	08/22/16 14:01	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		08/19/16 07:57	08/22/16 14:01	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		08/19/16 07:57	08/22/16 14:01	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		08/19/16 07:57	08/22/16 14:01	1
Hexachloroethane	ND		4.7	0.55	ug/L		08/19/16 07:57	08/22/16 14:01	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		08/19/16 07:57	08/22/16 14:01	1
Isophorone	ND		4.7	0.40	ug/L		08/19/16 07:57	08/22/16 14:01	1
Naphthalene	ND		4.7	0.71	ug/L		08/19/16 07:57	08/22/16 14:01	1
Nitrobenzene	ND		4.7	0.27	ug/L		08/19/16 07:57	08/22/16 14:01	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		08/19/16 07:57	08/22/16 14:01	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		08/19/16 07:57	08/22/16 14:01	1
Pentachlorophenol	ND		9.4	2.1	ug/L		08/19/16 07:57	08/22/16 14:01	1
Phenanthrene	ND		4.7	0.41	ug/L		08/19/16 07:57	08/22/16 14:01	1
Phenol	ND		4.7	0.37	ug/L		08/19/16 07:57	08/22/16 14:01	1
Pyrene	ND		4.7	0.32	ug/L		08/19/16 07:57	08/22/16 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	08/19/16 07:57	08/22/16 14:01	1
2-Fluorobiphenyl	65		48 - 120	08/19/16 07:57	08/22/16 14:01	1
2-Fluorophenol	41		20 - 120	08/19/16 07:57	08/22/16 14:01	1
Nitrobenzene-d5	56		46 - 120	08/19/16 07:57	08/22/16 14:01	1
Phenol-d5	32		16 - 120	08/19/16 07:57	08/22/16 14:01	1
p-Terphenyl-d14	94		67 - 150	08/19/16 07:57	08/22/16 14:01	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104756-3

Date Collected: 08/16/16 00:00

Matrix: Water

Date Received: 08/18/16 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/20/16 05:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 05:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 05:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/16 05:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/16 05:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 05:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 05:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/16 05:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 05:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/16 05:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/16 05:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 05:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/16 05:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/16 05:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 05:02	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 05:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 05:02	1
Acetone	ND		10	3.0	ug/L			08/20/16 05:02	1
Benzene	ND		1.0	0.41	ug/L			08/20/16 05:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/16 05:02	1
Bromoform	ND		1.0	0.26	ug/L			08/20/16 05:02	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/16 05:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/16 05:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/16 05:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/16 05:02	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/16 05:02	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 05:02	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/16 05:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/16 05:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 05:02	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 05:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/16 05:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/16 05:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 05:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 05:02	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 05:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 05:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 05:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 05:02	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 05:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 05:02	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 05:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 05:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 05:02	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/16 05:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/16 05:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/16 05:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 05:02	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104756-3

Date Collected: 08/16/16 00:00

Matrix: Water

Date Received: 08/18/16 15:50

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		08/20/16 05:02	1
4-Bromofluorobenzene (Surr)	103		73 - 120		08/20/16 05:02	1
Toluene-d8 (Surr)	93		80 - 120		08/20/16 05:02	1
Dibromofluoromethane (Surr)	110		75 - 123		08/20/16 05:02	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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 (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-104756-1	BCC Area A DMH-A3_0816	108	110	96	111
480-104756-1 MS	BCC Area A DMH-A3 MS_0816	108	108	95	118
480-104756-1 MSD	BCC Area A DMH-A3 MSD_0816	114	105	95	118
480-104756-2	BCC Area A DMH-A3 D_0816	107	107	96	114

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-104756-3	TRIP BLANK	111	103	93	110
LCS 480-316901/10	Lab Control Sample	108	108	95	114
LCSD 480-316901/9	Lab Control Sample Dup	116	105	93	120
MB 480-316901/8	Method Blank	109	102	95	110

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

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)
480-104756-1	BCC Area A DMH-A3_0816	101	77	54	71	39	97
480-104756-1 MS	BCC Area A DMH-A3 MS_0816	99	80	55	70	44	90
480-104756-1 MSD	BCC Area A DMH-A3 MSD_0816	102	83	55	72	43	87
480-104756-2	BCC Area A DMH-A3 D_0816	98	65	41	56	32	94

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 Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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)
LCS 480-316800/2-A	Lab Control Sample	99	86	64	77	49	97
MB 480-316800/1-A	Method Blank	91	82	64	82	46	98

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: MB 480-316901/8

Matrix: Water

Analysis Batch: 316901

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/20/16 00:23	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/16 00:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/16 00:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/16 00:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/16 00:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/16 00:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/16 00:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/16 00:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/16 00:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/16 00:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/16 00:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/16 00:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/16 00:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/16 00:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/16 00:23	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/16 00:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/16 00:23	1
Acetone	ND		10	3.0	ug/L			08/20/16 00:23	1
Benzene	ND		1.0	0.41	ug/L			08/20/16 00:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/16 00:23	1
Bromoform	ND		1.0	0.26	ug/L			08/20/16 00:23	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/16 00:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/16 00:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/16 00:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/16 00:23	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/16 00:23	1
Chloroform	ND		1.0	0.34	ug/L			08/20/16 00:23	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/16 00:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/16 00:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/16 00:23	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/16 00:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/16 00:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/16 00:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/16 00:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/16 00:23	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/16 00:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/16 00:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/16 00:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/16 00:23	1
Styrene	ND		1.0	0.73	ug/L			08/20/16 00:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/16 00:23	1
Toluene	ND		1.0	0.51	ug/L			08/20/16 00:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/16 00:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/16 00:23	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/16 00:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/16 00:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/16 00:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/16 00:23	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		08/20/16 00:23	1
4-Bromofluorobenzene (Surr)	102		73 - 120		08/20/16 00:23	1
Toluene-d8 (Surr)	95		80 - 120		08/20/16 00:23	1
Dibromofluoromethane (Surr)	110		75 - 123		08/20/16 00:23	1

Lab Sample ID: LCS 480-316901/10

Matrix: Water

Analysis Batch: 316901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		89	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.7		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	23.1		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	27.9		ug/L		111	77 - 120
1,1-Dichloroethene	25.0	26.5		ug/L		106	66 - 127
1,2,4-Trichlorobenzene	25.0	26.4		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.5		ug/L		110	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	27.1		ug/L		108	75 - 120
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	125		ug/L		100	57 - 140
2-Hexanone	125	117		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	113		ug/L		90	71 - 125
Acetone	125	160		ug/L		128	56 - 142
Benzene	25.0	25.7		ug/L		103	71 - 124
Bromodichloromethane	25.0	29.0		ug/L		116	80 - 122
Bromoform	25.0	29.7		ug/L		119	61 - 132
Bromomethane	25.0	24.1		ug/L		96	55 - 144
Carbon disulfide	25.0	25.0		ug/L		100	59 - 134
Carbon tetrachloride	25.0	32.5		ug/L		130	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Chloroethane	25.0	23.4		ug/L		94	69 - 136
Chloroform	25.0	26.5		ug/L		106	73 - 127
Chloromethane	25.0	22.4		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	27.8		ug/L		111	74 - 124
cis-1,3-Dichloropropene	25.0	27.6		ug/L		110	74 - 124
Cyclohexane	25.0	27.1		ug/L		108	59 - 135
Dibromochloromethane	25.0	27.9		ug/L		112	75 - 125
Dichlorodifluoromethane	25.0	26.9		ug/L		108	59 - 135
Ethylbenzene	25.0	23.9		ug/L		96	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	125	131		ug/L		105	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134
Methylene Chloride	25.0	26.8		ug/L		107	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	27.2		ug/L		109	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: LCS 480-316901/10

Matrix: Water

Analysis Batch: 316901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	24.6		ug/L		98	80 - 120
Trichloroethene	25.0	28.5		ug/L		114	74 - 123
Trichlorofluoromethane	25.0	27.6		ug/L		110	62 - 150
Vinyl chloride	25.0	24.4		ug/L		97	65 - 133
Xylenes, Total	50.0	48.2		ug/L		96	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	114		75 - 123

Lab Sample ID: LCSD 480-316901/9

Matrix: Water

Analysis Batch: 316901

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	28.1		ug/L		113	73 - 126	4	15
1,1,1,2-Tetrachloroethane	25.0	22.3		ug/L		89	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.1		ug/L		109	61 - 148	2	20
1,1,2-Trichloroethane	25.0	22.4		ug/L		90	76 - 122	3	15
1,1-Dichloroethane	25.0	27.4		ug/L		110	77 - 120	2	20
1,1-Dichloroethene	25.0	25.7		ug/L		103	66 - 127	3	16
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		99	79 - 122	7	20
1,2-Dibromo-3-Chloropropane	25.0	26.3		ug/L		105	56 - 134	4	15
1,2-Dibromoethane	25.0	24.0		ug/L		96	77 - 120	4	15
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124	4	20
1,2-Dichloroethane	25.0	27.3		ug/L		109	75 - 120	1	20
1,2-Dichloropropane	25.0	26.2		ug/L		105	76 - 120	1	20
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120	8	20
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 120	8	20
2-Butanone (MEK)	125	129		ug/L		103	57 - 140	3	20
2-Hexanone	125	109		ug/L		88	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		89	71 - 125	1	35
Acetone	125	160		ug/L		128	56 - 142	0	15
Benzene	25.0	25.6		ug/L		103	71 - 124	0	13
Bromodichloromethane	25.0	28.7		ug/L		115	80 - 122	1	15
Bromoform	25.0	29.0		ug/L		116	61 - 132	3	15
Bromomethane	25.0	24.0		ug/L		96	55 - 144	1	15
Carbon disulfide	25.0	24.3		ug/L		97	59 - 134	3	15
Carbon tetrachloride	25.0	32.2		ug/L		129	72 - 134	1	15
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120	5	25
Chloroethane	25.0	22.7		ug/L		91	69 - 136	3	15
Chloroform	25.0	25.9		ug/L		104	73 - 127	2	20
Chloromethane	25.0	22.5		ug/L		90	68 - 124	1	15
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	74 - 124	0	15
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	74 - 124	4	15

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: LCSD 480-316901/9

Matrix: Water

Analysis Batch: 316901

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyclohexane	25.0	26.0		ug/L		104	59 - 135	4	20
Dibromochloromethane	25.0	27.0		ug/L		108	75 - 125	3	15
Dichlorodifluoromethane	25.0	25.9		ug/L		104	59 - 135	4	20
Ethylbenzene	25.0	22.7		ug/L		91	77 - 123	5	15
Isopropylbenzene	25.0	22.7		ug/L		91	77 - 122	8	20
Methyl acetate	125	130		ug/L		104	74 - 133	1	20
Methyl tert-butyl ether	25.0	26.1		ug/L		104	77 - 120	0	37
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134	1	20
Methylene Chloride	25.0	25.5		ug/L		102	75 - 124	5	15
Styrene	25.0	22.4		ug/L		89	80 - 120	8	20
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122	9	20
Toluene	25.0	22.6		ug/L		90	80 - 122	1	15
trans-1,2-Dichloroethene	25.0	26.5		ug/L		106	73 - 127	3	20
trans-1,3-Dichloropropene	25.0	23.2		ug/L		93	80 - 120	6	15
Trichloroethene	25.0	27.3		ug/L		109	74 - 123	5	16
Trichlorofluoromethane	25.0	27.3		ug/L		109	62 - 150	1	20
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133	4	15
Xylenes, Total	50.0	45.3		ug/L		91	76 - 122	6	16

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	116		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	120		75 - 123

Lab Sample ID: 480-104756-1 MS

Matrix: Ground Water

Analysis Batch: 316901

Client Sample ID: BCC Area A DMH-A3 MS_0816

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F1	25.0	33.0	F1	ug/L		132	73 - 126
1,1,1,2,2-Tetrachloroethane	ND		25.0	24.0		ug/L		96	76 - 120
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.8		ug/L		119	61 - 148
1,1,1,2-Trichloroethane	ND		25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	ND	F1	25.0	29.7		ug/L		119	77 - 120
1,1-Dichloroethene	ND		25.0	31.0		ug/L		124	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		104	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.1		ug/L		104	56 - 134
1,2-Dibromoethane	ND		25.0	26.5		ug/L		106	77 - 120
1,2-Dichlorobenzene	ND		25.0	25.8		ug/L		103	80 - 124
1,2-Dichloroethane	ND	F1	25.0	29.2		ug/L		117	75 - 120
1,2-Dichloropropane	ND		25.0	28.2		ug/L		113	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.6		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		25.0	25.9		ug/L		104	78 - 124
2-Butanone (MEK)	ND		125	134		ug/L		108	57 - 140
2-Hexanone	ND		125	114		ug/L		91	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	119		ug/L		95	71 - 125

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: 480-104756-1 MS

Matrix: Ground Water

Analysis Batch: 316901

Client Sample ID: BCC Area A DMH-A3 MS_0816

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Acetone	ND		125	139		ug/L		111	56 - 142
Benzene	ND		25.0	29.0		ug/L		116	71 - 124
Bromodichloromethane	ND	F1	25.0	31.2	F1	ug/L		125	80 - 122
Bromoform	ND		25.0	31.3		ug/L		125	61 - 132
Bromomethane	ND	F1 F2	25.0	37.4	F1	ug/L		150	55 - 144
Carbon disulfide	ND		25.0	27.2		ug/L		109	59 - 134
Carbon tetrachloride	ND	F1	25.0	35.2	F1	ug/L		141	72 - 134
Chlorobenzene	ND		25.0	26.9		ug/L		108	80 - 120
Chloroethane	ND	F1 F2	25.0	38.6	F1	ug/L		154	69 - 136
Chloroform	ND		25.0	28.7		ug/L		115	73 - 127
Chloromethane	ND	F1 F2	25.0	34.7	F1	ug/L		139	68 - 124
cis-1,2-Dichloroethene	ND	F1	25.0	30.8		ug/L		123	74 - 124
cis-1,3-Dichloropropene	ND		25.0	28.0		ug/L		112	74 - 124
Cyclohexane	ND		25.0	27.6		ug/L		111	59 - 135
Dibromochloromethane	ND	F1	25.0	29.5		ug/L		118	75 - 125
Dichlorodifluoromethane	ND	F1 F2	25.0	35.4	F1	ug/L		142	59 - 135
Ethylbenzene	ND		25.0	26.6		ug/L		106	77 - 123
Isopropylbenzene	ND		25.0	25.9		ug/L		103	77 - 122
Methyl acetate	ND		125	132		ug/L		106	74 - 133
Methyl tert-butyl ether	ND		25.0	27.3		ug/L		109	77 - 120
Methylcyclohexane	ND		25.0	27.4		ug/L		110	68 - 134
Methylene Chloride	ND		25.0	27.1		ug/L		108	75 - 124
Styrene	ND		25.0	26.0		ug/L		104	80 - 120
Tetrachloroethene	ND		25.0	27.6		ug/L		110	74 - 122
Toluene	ND		25.0	25.5		ug/L		102	80 - 122
trans-1,2-Dichloroethene	ND		25.0	29.2		ug/L		117	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.8		ug/L		103	80 - 120
Trichloroethene	ND	F1	25.0	31.9	F1	ug/L		127	74 - 123
Trichlorofluoromethane	ND	F1 F2	25.0	39.7	F1	ug/L		159	62 - 150
Vinyl chloride	ND	F1 F2	25.0	37.3	F1	ug/L		149	65 - 133
Xylenes, Total	ND		50.0	53.1		ug/L		106	76 - 122

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	118		75 - 123

Lab Sample ID: 480-104756-1 MSD

Matrix: Ground Water

Analysis Batch: 316901

Client Sample ID: BCC Area A DMH-A3 MSD_0816

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	F1	25.0	33.4	F1	ug/L		134	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.9		ug/L		100	76 - 120	4	15
1,1,2-Trichloro-1,1,2-trifluoroethane	ND		25.0	30.6		ug/L		122	61 - 148	2	20
1,1,2-Trichloroethane	ND		25.0	25.9		ug/L		103	76 - 122	3	15

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: 480-104756-1 MSD

Client Sample ID: BCC Area A DMH-A3 MSD_0816

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 316901

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,1-Dichloroethane	ND	F1	25.0	30.5	F1	ug/L		122	77 - 120	3	20
1,1-Dichloroethene	ND		25.0	30.1		ug/L		120	66 - 127	3	16
1,2,4-Trichlorobenzene	ND		25.0	27.1		ug/L		108	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	29.0		ug/L		116	56 - 134	11	15
1,2-Dibromoethane	ND		25.0	27.6		ug/L		111	77 - 120	4	15
1,2-Dichlorobenzene	ND		25.0	26.8		ug/L		107	80 - 124	4	20
1,2-Dichloroethane	ND	F1	25.0	30.4	F1	ug/L		122	75 - 120	4	20
1,2-Dichloropropane	ND		25.0	29.3		ug/L		117	76 - 120	4	20
1,3-Dichlorobenzene	ND		25.0	26.4		ug/L		105	77 - 120	1	20
1,4-Dichlorobenzene	ND		25.0	26.4		ug/L		106	78 - 124	2	20
2-Butanone (MEK)	ND		125	139		ug/L		111	57 - 140	3	20
2-Hexanone	ND		125	119		ug/L		95	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		125	124		ug/L		99	71 - 125	4	35
Acetone	ND		125	142		ug/L		114	56 - 142	2	15
Benzene	ND		25.0	29.4		ug/L		118	71 - 124	1	13
Bromodichloromethane	ND	F1	25.0	32.2	F1	ug/L		129	80 - 122	3	15
Bromoform	ND		25.0	32.8		ug/L		131	61 - 132	5	15
Bromomethane	ND	F1 F2	25.0	29.5	F2	ug/L		118	55 - 144	23	15
Carbon disulfide	ND		25.0	27.4		ug/L		110	59 - 134	1	15
Carbon tetrachloride	ND	F1	25.0	35.6	F1	ug/L		142	72 - 134	1	15
Chlorobenzene	ND		25.0	27.1		ug/L		108	80 - 120	1	25
Chloroethane	ND	F1 F2	25.0	29.4	F2	ug/L		117	69 - 136	27	15
Chloroform	ND		25.0	29.6		ug/L		118	73 - 127	3	20
Chloromethane	ND	F1 F2	25.0	27.6	F2	ug/L		111	68 - 124	23	15
cis-1,2-Dichloroethene	ND	F1	25.0	31.4	F1	ug/L		126	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	28.4		ug/L		114	74 - 124	1	15
Cyclohexane	ND		25.0	27.0		ug/L		108	59 - 135	2	20
Dibromochloromethane	ND	F1	25.0	31.7	F1	ug/L		127	75 - 125	7	15
Dichlorodifluoromethane	ND	F1 F2	25.0	27.6	F2	ug/L		110	59 - 135	25	20
Ethylbenzene	ND		25.0	25.7		ug/L		103	77 - 123	4	15
Isopropylbenzene	ND		25.0	25.5		ug/L		102	77 - 122	1	20
Methyl acetate	ND		125	136		ug/L		109	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	29.0		ug/L		116	77 - 120	6	37
Methylcyclohexane	ND		25.0	26.6		ug/L		106	68 - 134	3	20
Methylene Chloride	ND		25.0	29.3		ug/L		117	75 - 124	8	15
Styrene	ND		25.0	25.4		ug/L		102	80 - 120	2	20
Tetrachloroethene	ND		25.0	26.7		ug/L		107	74 - 122	4	20
Toluene	ND		25.0	25.3		ug/L		101	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	30.3		ug/L		121	73 - 127	4	20
trans-1,3-Dichloropropene	ND		25.0	26.0		ug/L		104	80 - 120	1	15
Trichloroethene	ND	F1	25.0	30.3		ug/L		121	74 - 123	5	16
Trichlorofluoromethane	ND	F1 F2	25.0	30.9	F2	ug/L		123	62 - 150	25	20
Vinyl chloride	ND	F1 F2	25.0	29.2	F2	ug/L		117	65 - 133	24	15
Xylenes, Total	ND		50.0	52.4		ug/L		105	76 - 122	1	16

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	114		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: 480-104756-1 MSD

Matrix: Ground Water

Analysis Batch: 316901

Client Sample ID: BCC Area A DMH-A3 MSD_0816

Prep Type: Total/NA

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
<i>Toluene-d8 (Surr)</i>	95		80 - 120
<i>Dibromofluoromethane (Surr)</i>	118		75 - 123

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

Lab Sample ID: MB 480-316800/1-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 316800

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/19/16 07:57	08/22/16 10:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Nitroaniline	ND		10	0.42	ug/L		08/19/16 07:57	08/22/16 10:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/19/16 07:57	08/22/16 10:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
3-Nitroaniline	ND		10	0.48	ug/L		08/19/16 07:57	08/22/16 10:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Methylphenol	ND		10	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Nitroaniline	ND		10	0.25	ug/L		08/19/16 07:57	08/22/16 10:39	1
4-Nitrophenol	ND		10	1.5	ug/L		08/19/16 07:57	08/22/16 10:39	1
Acenaphthene	ND		5.0	0.41	ug/L		08/19/16 07:57	08/22/16 10:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/19/16 07:57	08/22/16 10:39	1
Acetophenone	ND		5.0	0.54	ug/L		08/19/16 07:57	08/22/16 10:39	1
Aniline	ND		10	0.61	ug/L		08/19/16 07:57	08/22/16 10:39	1
Anthracene	ND		5.0	0.28	ug/L		08/19/16 07:57	08/22/16 10:39	1
Atrazine	ND		5.0	0.46	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/19/16 07:57	08/22/16 10:39	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/19/16 07:57	08/22/16 10:39	1
Biphenyl	ND		5.0	0.65	ug/L		08/19/16 07:57	08/22/16 10:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/19/16 07:57	08/22/16 10:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/19/16 07:57	08/22/16 10:39	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: MB 480-316800/1-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 316800

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/19/16 07:57	08/22/16 10:39	1
Caprolactam	ND		5.0	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
Carbazole	ND		5.0	0.30	ug/L		08/19/16 07:57	08/22/16 10:39	1
Chrysene	ND		5.0	0.33	ug/L		08/19/16 07:57	08/22/16 10:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/19/16 07:57	08/22/16 10:39	1
Dibenzofuran	ND		10	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/19/16 07:57	08/22/16 10:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/19/16 07:57	08/22/16 10:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/19/16 07:57	08/22/16 10:39	1
Fluoranthene	ND		5.0	0.40	ug/L		08/19/16 07:57	08/22/16 10:39	1
Fluorene	ND		5.0	0.36	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/19/16 07:57	08/22/16 10:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/19/16 07:57	08/22/16 10:39	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/19/16 07:57	08/22/16 10:39	1
Isophorone	ND		5.0	0.43	ug/L		08/19/16 07:57	08/22/16 10:39	1
Naphthalene	ND		5.0	0.76	ug/L		08/19/16 07:57	08/22/16 10:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/19/16 07:57	08/22/16 10:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/19/16 07:57	08/22/16 10:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/19/16 07:57	08/22/16 10:39	1
Pentachlorophenol	ND		10	2.2	ug/L		08/19/16 07:57	08/22/16 10:39	1
Phenanthrene	ND		5.0	0.44	ug/L		08/19/16 07:57	08/22/16 10:39	1
Phenol	ND		5.0	0.39	ug/L		08/19/16 07:57	08/22/16 10:39	1
Pyrene	ND		5.0	0.34	ug/L		08/19/16 07:57	08/22/16 10:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	91		52 - 132	08/19/16 07:57	08/22/16 10:39	1
2-Fluorobiphenyl	82		48 - 120	08/19/16 07:57	08/22/16 10:39	1
2-Fluorophenol	64		20 - 120	08/19/16 07:57	08/22/16 10:39	1
Nitrobenzene-d5	82		46 - 120	08/19/16 07:57	08/22/16 10:39	1
Phenol-d5	46		16 - 120	08/19/16 07:57	08/22/16 10:39	1
p-Terphenyl-d14	98		67 - 150	08/19/16 07:57	08/22/16 10:39	1

Lab Sample ID: LCS 480-316800/2-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				
2,4,5-Trichlorophenol	16.0	14.6		ug/L		91	65 - 126
2,4,6-Trichlorophenol	16.0	14.2		ug/L		89	64 - 120
2,4-Dichlorophenol	16.0	13.7		ug/L		86	64 - 120
2,4-Dimethylphenol	16.0	12.1		ug/L		75	57 - 120
2,4-Dinitrophenol	32.0	20.2		ug/L		63	42 - 153
2,4-Dinitrotoluene	16.0	15.5		ug/L		97	65 - 154

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: LCS 480-316800/2-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	16.0	14.9		ug/L		93	74 - 134
2-Chloronaphthalene	16.0	13.0		ug/L		81	41 - 124
2-Chlorophenol	16.0	12.4		ug/L		77	48 - 120
2-Methylnaphthalene	16.0	12.6		ug/L		79	34 - 122
2-Methylphenol	16.0	11.4		ug/L		71	39 - 120
2-Nitroaniline	16.0	13.3		ug/L		83	67 - 136
2-Nitrophenol	16.0	13.4		ug/L		84	59 - 120
3,3'-Dichlorobenzidine	32.0	31.6		ug/L		99	33 - 140
3-Nitroaniline	16.0	12.7		ug/L		79	28 - 130
4,6-Dinitro-2-methylphenol	32.0	31.6		ug/L		99	64 - 159
4-Bromophenyl phenyl ether	16.0	14.5		ug/L		91	71 - 126
4-Chloro-3-methylphenol	16.0	14.5		ug/L		91	64 - 120
4-Chloroaniline	16.0	9.89		ug/L		62	10 - 130
4-Chlorophenyl phenyl ether	16.0	14.2		ug/L		89	71 - 122
4-Methylphenol	16.0	11.0		ug/L		69	39 - 120
4-Nitroaniline	16.0	14.6		ug/L		91	47 - 130
4-Nitrophenol	32.0	25.2		ug/L		79	16 - 120
Acenaphthene	16.0	13.1		ug/L		82	60 - 120
Acenaphthylene	16.0	13.1		ug/L		82	63 - 120
Acetophenone	16.0	12.4		ug/L		78	45 - 120
Aniline	16.0	6.25	J	ug/L		39	37 - 120
Anthracene	16.0	13.2		ug/L		82	58 - 148
Atrazine	32.0	33.2		ug/L		104	56 - 179
Benzaldehyde	32.0	24.6		ug/L		77	30 - 140
Benzo(a)anthracene	16.0	14.1		ug/L		88	55 - 151
Benzo(a)pyrene	16.0	14.0		ug/L		88	60 - 145
Benzo(b)fluoranthene	16.0	14.4		ug/L		90	54 - 140
Benzo(g,h,i)perylene	16.0	15.2		ug/L		95	66 - 152
Benzo(k)fluoranthene	16.0	13.5		ug/L		85	51 - 153
Biphenyl	16.0	13.2		ug/L		83	30 - 140
bis (2-chloroisopropyl) ether	16.0	8.58		ug/L		54	28 - 136
Bis(2-chloroethoxy)methane	16.0	11.5		ug/L		72	50 - 128
Bis(2-chloroethyl)ether	16.0	10.9		ug/L		68	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	13.6		ug/L		85	53 - 158
Butyl benzyl phthalate	16.0	14.1		ug/L		88	58 - 163
Caprolactam	32.0	9.65		ug/L		30	14 - 130
Carbazole	16.0	15.0		ug/L		94	59 - 148
Chrysene	16.0	14.3		ug/L		90	69 - 140
Dibenz(a,h)anthracene	16.0	15.2		ug/L		95	57 - 148
Dibenzofuran	16.0	14.0		ug/L		88	49 - 137
Diethyl phthalate	16.0	14.8		ug/L		93	59 - 146
Dimethyl phthalate	16.0	14.5		ug/L		91	59 - 141
Di-n-butyl phthalate	16.0	14.4		ug/L		90	58 - 149
Di-n-octyl phthalate	16.0	13.4		ug/L		84	55 - 167
Fluoranthene	16.0	14.9		ug/L		93	55 - 147
Fluorene	16.0	14.2		ug/L		89	55 - 143
Hexachlorobenzene	16.0	13.9		ug/L		87	14 - 130
Hexachlorobutadiene	16.0	12.0		ug/L		75	14 - 130

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: LCS 480-316800/2-A

Matrix: Water

Analysis Batch: 317048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorocyclopentadiene	16.0	9.72		ug/L		61	13 - 130
Hexachloroethane	16.0	10.2		ug/L		63	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	15.3		ug/L		95	69 - 146
Isophorone	16.0	11.9		ug/L		74	48 - 133
Naphthalene	16.0	12.0		ug/L		75	35 - 130
Nitrobenzene	16.0	11.9		ug/L		75	45 - 123
N-Nitrosodi-n-propylamine	16.0	11.3		ug/L		71	56 - 120
N-Nitrosodiphenylamine	16.0	13.3		ug/L		83	25 - 125
Pentachlorophenol	32.0	19.6		ug/L		61	39 - 136
Phenanthrene	16.0	14.3		ug/L		89	57 - 147
Phenol	16.0	7.47		ug/L		47	17 - 120
Pyrene	16.0	14.4		ug/L		90	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	99		52 - 132
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	64		20 - 120
Nitrobenzene-d5	77		46 - 120
Phenol-d5	49		16 - 120
p-Terphenyl-d14	97		67 - 150

Lab Sample ID: 480-104756-1 MS

Matrix: Ground Water

Analysis Batch: 317048

Client Sample ID: BCC Area A DMH-A3 MS_0816

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		14.9	13.4		ug/L		90	65 - 126
2,4,6-Trichlorophenol	ND		14.9	12.3		ug/L		83	64 - 120
2,4-Dichlorophenol	ND		14.9	12.5		ug/L		84	64 - 120
2,4-Dimethylphenol	ND		14.9	11.8		ug/L		79	57 - 120
2,4-Dinitrophenol	ND		29.9	32.2		ug/L		108	42 - 153
2,4-Dinitrotoluene	ND		14.9	13.8		ug/L		93	62 - 148
2,6-Dinitrotoluene	ND		14.9	14.3		ug/L		96	65 - 154
2-Chloronaphthalene	ND		14.9	11.4		ug/L		76	41 - 124
2-Chlorophenol	ND		14.9	10.2		ug/L		68	48 - 120
2-Methylnaphthalene	ND		14.9	11.1		ug/L		75	34 - 122
2-Methylphenol	ND		14.9	10.1		ug/L		68	39 - 120
2-Nitroaniline	ND		14.9	11.7		ug/L		78	67 - 136
2-Nitrophenol	ND		14.9	11.7		ug/L		78	59 - 120
3,3'-Dichlorobenzidine	ND		29.9	17.1		ug/L		57	33 - 140
3-Nitroaniline	ND	F1	14.9	8.92	J F1	ug/L		60	69 - 129
4,6-Dinitro-2-methylphenol	ND		29.9	29.6		ug/L		99	64 - 159
4-Bromophenyl phenyl ether	ND		14.9	13.5		ug/L		91	71 - 126
4-Chloro-3-methylphenol	ND		14.9	13.5		ug/L		90	64 - 120
4-Chloroaniline	ND	F1	14.9	7.19	F1	ug/L		48	60 - 124
4-Chlorophenyl phenyl ether	ND		14.9	12.7		ug/L		85	48 - 145
4-Methylphenol	ND		14.9	9.38		ug/L		63	36 - 120
4-Nitroaniline	ND		14.9	12.3		ug/L		82	64 - 135

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: 480-104756-1 MS

Matrix: Ground Water

Analysis Batch: 317048

Client Sample ID: BCC Area A DMH-A3 MS_0816

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Nitrophenol	ND		29.9	24.0		ug/L		80	16 - 120
Acenaphthene	ND		14.9	11.8		ug/L		79	60 - 120
Acenaphthylene	ND		14.9	11.6		ug/L		78	63 - 120
Acetophenone	ND		14.9	10.2		ug/L		68	45 - 120
Aniline	ND		14.9	6.10	J	ug/L		41	37 - 120
Anthracene	ND		14.9	12.3		ug/L		82	58 - 148
Atrazine	ND		29.9	29.6		ug/L		99	56 - 179
Benzaldehyde	ND		29.9	17.6		ug/L		59	30 - 140
Benzo(a)anthracene	ND		14.9	12.8		ug/L		85	55 - 151
Benzo(a)pyrene	ND		14.9	11.5		ug/L		77	60 - 145
Benzo(b)fluoranthene	ND		14.9	11.8		ug/L		79	54 - 140
Benzo(g,h,i)perylene	ND		14.9	11.3		ug/L		76	66 - 152
Benzo(k)fluoranthene	ND		14.9	11.1		ug/L		74	51 - 153
Biphenyl	ND		14.9	11.5		ug/L		77	30 - 140
bis (2-chloroisopropyl) ether	ND		14.9	6.91		ug/L		46	28 - 136
Bis(2-chloroethoxy)methane	ND		14.9	10.3		ug/L		69	50 - 128
Bis(2-chloroethyl)ether	ND		14.9	9.11		ug/L		61	51 - 120
Bis(2-ethylhexyl) phthalate	ND		14.9	8.14		ug/L		54	53 - 158
Butyl benzyl phthalate	ND		14.9	12.8		ug/L		86	58 - 163
Caprolactam	ND		29.9	8.93		ug/L		30	30 - 140
Carbazole	ND		14.9	14.1		ug/L		95	59 - 148
Chrysene	ND		14.9	12.6		ug/L		85	69 - 140
Dibenz(a,h)anthracene	ND		14.9	10.4		ug/L		70	57 - 158
Dibenzofuran	ND		14.9	12.5		ug/L		84	49 - 137
Diethyl phthalate	ND		14.9	13.5		ug/L		90	59 - 146
Dimethyl phthalate	ND		14.9	12.9		ug/L		86	59 - 141
Di-n-butyl phthalate	ND		14.9	12.8		ug/L		85	58 - 149
Di-n-octyl phthalate	ND	F1	14.9	7.97	F1	ug/L		53	55 - 167
Fluoranthene	ND		14.9	13.4		ug/L		90	55 - 147
Fluorene	ND		14.9	12.7		ug/L		85	55 - 143
Hexachlorobenzene	ND		14.9	13.2		ug/L		88	38 - 131
Hexachlorobutadiene	ND		14.9	10.1		ug/L		67	14 - 130
Hexachlorocyclopentadiene	ND		14.9	8.44		ug/L		56	13 - 130
Hexachloroethane	ND		14.9	8.08		ug/L		54	14 - 130
Indeno(1,2,3-cd)pyrene	ND		14.9	10.8		ug/L		72	69 - 146
Isophorone	ND		14.9	10.5		ug/L		70	48 - 133
Naphthalene	ND		14.9	10.4		ug/L		70	35 - 130
Nitrobenzene	ND		14.9	10.4		ug/L		70	45 - 123
N-Nitrosodi-n-propylamine	ND		14.9	9.47		ug/L		63	56 - 120
N-Nitrosodiphenylamine	ND		14.9	12.3		ug/L		83	25 - 125
Pentachlorophenol	ND		29.9	24.4		ug/L		82	39 - 136
Phenanthrene	ND		14.9	13.2		ug/L		89	57 - 147
Phenol	ND		14.9	6.39		ug/L		43	17 - 120
Pyrene	ND		14.9	13.4		ug/L		89	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	99		52 - 132
2-Fluorobiphenyl	80		48 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: 480-104756-1 MS

Matrix: Ground Water

Analysis Batch: 317048

Client Sample ID: BCC Area A DMH-A3 MS_0816

Prep Type: Total/NA

Prep Batch: 316800

<i>Surrogate</i>	<i>MS %Recovery</i>	<i>MS Qualifier</i>	<i>Limits</i>
2-Fluorophenol	55		20 - 120
Nitrobenzene-d5	70		46 - 120
Phenol-d5	44		16 - 120
p-Terphenyl-d14	90		67 - 150

Lab Sample ID: 480-104756-1 MSD

Matrix: Ground Water

Analysis Batch: 317048

Client Sample ID: BCC Area A DMH-A3 MSD_0816

Prep Type: Total/NA

Prep Batch: 316800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec. Limits		RPD	
				Result	Qualifier				RPD	Limit		
2,4,5-Trichlorophenol	ND		15.1	15.1		ug/L		100	65 - 126	12	18	
2,4,6-Trichlorophenol	ND		15.1	13.9		ug/L		92	64 - 120	12	19	
2,4-Dichlorophenol	ND		15.1	13.1		ug/L		86	64 - 120	4	19	
2,4-Dimethylphenol	ND		15.1	12.3		ug/L		81	57 - 120	4	42	
2,4-Dinitrophenol	ND		30.3	32.7		ug/L		108	42 - 153	2	22	
2,4-Dinitrotoluene	ND		15.1	14.7		ug/L		97	62 - 148	6	20	
2,6-Dinitrotoluene	ND		15.1	15.1		ug/L		100	65 - 154	5	15	
2-Chloronaphthalene	ND		15.1	12.0		ug/L		79	41 - 124	5	21	
2-Chlorophenol	ND		15.1	10.8		ug/L		71	48 - 120	6	25	
2-Methylnaphthalene	ND		15.1	11.7		ug/L		77	34 - 122	5	21	
2-Methylphenol	ND		15.1	10.5		ug/L		69	39 - 120	4	27	
2-Nitroaniline	ND		15.1	12.2		ug/L		80	67 - 136	4	15	
2-Nitrophenol	ND		15.1	12.0		ug/L		79	59 - 120	3	18	
3,3'-Dichlorobenzidine	ND		30.3	18.6		ug/L		61	33 - 140	8	25	
3-Nitroaniline	ND	F1	15.1	10.2	F1	ug/L		68	69 - 129	14	19	
4,6-Dinitro-2-methylphenol	ND		30.3	31.6		ug/L		104	64 - 159	6	15	
4-Bromophenyl phenyl ether	ND		15.1	14.4		ug/L		95	71 - 126	6	15	
4-Chloro-3-methylphenol	ND		15.1	14.1		ug/L		93	64 - 120	4	27	
4-Chloroaniline	ND	F1	15.1	7.58	F1	ug/L		50	60 - 124	5	22	
4-Chlorophenyl phenyl ether	ND		15.1	13.6		ug/L		90	48 - 145	7	16	
4-Methylphenol	ND		15.1	9.89		ug/L		65	36 - 120	5	24	
4-Nitroaniline	ND		15.1	11.7		ug/L		77	64 - 135	5	24	
4-Nitrophenol	ND		30.3	24.2		ug/L		80	16 - 120	1	48	
Acenaphthene	ND		15.1	12.4		ug/L		82	60 - 120	5	24	
Acenaphthylene	ND		15.1	12.3		ug/L		81	63 - 120	6	18	
Acetophenone	ND		15.1	10.7		ug/L		71	45 - 120	5	20	
Aniline	ND		15.1	5.89	J	ug/L		39	37 - 120	4	30	
Anthracene	ND		15.1	13.0		ug/L		86	58 - 148	6	15	
Atrazine	ND		30.3	31.2		ug/L		103	56 - 179	5	20	
Benzaldehyde	ND		30.3	18.5		ug/L		61	30 - 140	5	20	
Benzo(a)anthracene	ND		15.1	13.0		ug/L		86	55 - 151	2	15	
Benzo(a)pyrene	ND		15.1	11.8		ug/L		78	60 - 145	3	15	
Benzo(b)fluoranthene	ND		15.1	12.6		ug/L		83	54 - 140	6	15	
Benzo(g,h,i)perylene	ND		15.1	11.5		ug/L		76	66 - 152	2	15	
Benzo(k)fluoranthene	ND		15.1	12.7		ug/L		84	51 - 153	13	22	
Biphenyl	ND		15.1	12.1		ug/L		80	30 - 140	5	20	
bis (2-chloroisopropyl) ether	ND		15.1	7.15		ug/L		47	28 - 136	3	24	
Bis(2-chloroethoxy)methane	ND		15.1	10.4		ug/L		68	50 - 128	1	17	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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

Lab Sample ID: 480-104756-1 MSD

Client Sample ID: BCC Area A DMH-A3 MSD_0816

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 317048

Prep Batch: 316800

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Bis(2-chloroethyl)ether	ND		15.1	9.15		ug/L		60	51 - 120	0	21	
Bis(2-ethylhexyl) phthalate	ND		15.1	8.07		ug/L		53	53 - 158	1	15	
Butyl benzyl phthalate	ND		15.1	13.3		ug/L		88	58 - 163	4	16	
Caprolactam	ND		30.3	9.28		ug/L		31	30 - 140	4	20	
Carbazole	ND		15.1	15.1		ug/L		100	59 - 148	6	20	
Chrysene	ND		15.1	13.0		ug/L		86	69 - 140	3	15	
Dibenz(a,h)anthracene	ND		15.1	10.7		ug/L		70	57 - 158	2	15	
Dibenzofuran	ND		15.1	13.3		ug/L		88	49 - 137	6	15	
Diethyl phthalate	ND		15.1	14.2		ug/L		93	59 - 146	5	15	
Dimethyl phthalate	ND		15.1	13.6		ug/L		90	59 - 141	5	15	
Di-n-butyl phthalate	ND		15.1	13.7		ug/L		90	58 - 149	7	15	
Di-n-octyl phthalate	ND	F1	15.1	7.80	F1	ug/L		51	55 - 167	2	16	
Fluoranthene	ND		15.1	14.3		ug/L		94	55 - 147	6	15	
Fluorene	ND		15.1	13.2		ug/L		87	55 - 143	4	15	
Hexachlorobenzene	ND		15.1	13.8		ug/L		91	38 - 131	4	15	
Hexachlorobutadiene	ND		15.1	10.3		ug/L		68	14 - 130	2	44	
Hexachlorocyclopentadiene	ND		15.1	8.57		ug/L		57	13 - 130	2	49	
Hexachloroethane	ND		15.1	8.61		ug/L		57	14 - 130	6	46	
Indeno(1,2,3-cd)pyrene	ND		15.1	10.9		ug/L		72	69 - 146	1	15	
Isophorone	ND		15.1	10.8		ug/L		71	48 - 133	3	17	
Naphthalene	ND		15.1	10.8		ug/L		72	35 - 130	4	29	
Nitrobenzene	ND		15.1	10.5		ug/L		70	45 - 123	1	24	
N-Nitrosodi-n-propylamine	ND		15.1	9.75		ug/L		64	56 - 120	3	31	
N-Nitrosodiphenylamine	ND		15.1	13.0		ug/L		86	25 - 125	5	15	
Pentachlorophenol	ND		30.3	26.7		ug/L		88	39 - 136	9	37	
Phenanthrene	ND		15.1	13.8		ug/L		91	57 - 147	4	15	
Phenol	ND		15.1	6.49		ug/L		43	17 - 120	2	34	
Pyrene	ND		15.1	13.7		ug/L		91	58 - 136	3	19	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	102		52 - 132
2-Fluorobiphenyl	83		48 - 120
2-Fluorophenol	55		20 - 120
Nitrobenzene-d5	72		46 - 120
Phenol-d5	43		16 - 120
p-Terphenyl-d14	87		67 - 150

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

GC/MS VOA

Analysis Batch: 316901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104756-1	BCC Area A DMH-A3_0816	Total/NA	Ground Water	8260C	
480-104756-2	BCC Area A DMH-A3 D_0816	Total/NA	Ground Water	8260C	
480-104756-3	TRIP BLANK	Total/NA	Water	8260C	
MB 480-316901/8	Method Blank	Total/NA	Water	8260C	
LCS 480-316901/10	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-316901/9	Lab Control Sample Dup	Total/NA	Water	8260C	
480-104756-1 MS	BCC Area A DMH-A3 MS_0816	Total/NA	Ground Water	8260C	
480-104756-1 MSD	BCC Area A DMH-A3 MSD_0816	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 316800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104756-1	BCC Area A DMH-A3_0816	Total/NA	Ground Water	3510C	
480-104756-2	BCC Area A DMH-A3 D_0816	Total/NA	Ground Water	3510C	
MB 480-316800/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-316800/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-104756-1 MS	BCC Area A DMH-A3 MS_0816	Total/NA	Ground Water	3510C	
480-104756-1 MSD	BCC Area A DMH-A3 MSD_0816	Total/NA	Ground Water	3510C	

Analysis Batch: 317048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104756-1	BCC Area A DMH-A3_0816	Total/NA	Ground Water	8270D	316800
480-104756-2	BCC Area A DMH-A3 D_0816	Total/NA	Ground Water	8270D	316800
MB 480-316800/1-A	Method Blank	Total/NA	Water	8270D	316800
LCS 480-316800/2-A	Lab Control Sample	Total/NA	Water	8270D	316800
480-104756-1 MS	BCC Area A DMH-A3 MS_0816	Total/NA	Ground Water	8270D	316800
480-104756-1 MSD	BCC Area A DMH-A3 MSD_0816	Total/NA	Ground Water	8270D	316800

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Client Sample ID: BCC Area A DMH-A3_0816

Lab Sample ID: 480-104756-1

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	316901	08/20/16 04:14	GTG	TAL BUF
Total/NA	Prep	3510C			316800	08/19/16 07:57	CPH	TAL BUF
Total/NA	Analysis	8270D		1	317048	08/22/16 13:32	LMW	TAL BUF

Client Sample ID: BCC Area A DMH-A3 D_0816

Lab Sample ID: 480-104756-2

Date Collected: 08/16/16 10:45

Matrix: Ground Water

Date Received: 08/18/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	316901	08/20/16 04:38	GTG	TAL BUF
Total/NA	Prep	3510C			316800	08/19/16 07:57	CPH	TAL BUF
Total/NA	Analysis	8270D		1	317048	08/22/16 14:01	LMW	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-104756-3

Date Collected: 08/16/16 00:00

Matrix: Water

Date Received: 08/18/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	316901	08/20/16 05:02	GTG	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

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

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Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-104756-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-104756-1	BCC Area A DMH-A3_0816	Ground Water	08/16/16 10:45	08/18/16 15:50
480-104756-2	BCC Area A DMH-A3 D_0816	Ground Water	08/16/16 10:45	08/18/16 15:50
480-104756-3	TRIP BLANK	Water	08/16/16 00:00	08/18/16 15:50

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TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991



Chain of Custody Record

Client Contact: Ontario Specialty Contracting Inc., 333 Ganson Street, Buffalo, NY, 14203, Phone 716-856-3333, FAX 716-842-1630

Project Name: Buffalo Color Area A Storm Sewer
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745
PO# 59078

Project Manager: Schove, John
Tel/Fax: (716) 912-9926

Site Contact: Tom Wagner
Lab Contact: Schove, John

Analysis Turnaround Time: TAT 2 weeks, 1 week, 2 days, 1 day

Calendar (C) or Work Days (W) W

Sample Identification: BCC_Area A_DMHA3_0816, BCC_Area A_DMHA3D_0816, BCC_Area A_DMHA3MS_0816, BCC_Area A_DMHA3MSD_0816, Trip Blank

Sample Date: 8/18-16, 8/18-16, 8/18-16, 8/18-16

Sample Time: 1045, 1045, 1045, 1045

Sample Type: G, G, G, G

Matrix: W, W, W, W

of Cont: 5, 5, 5, 5

Container Volume (ml): 4, 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

Special Instructions/QC Requirements & Comments:

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

Relinquished by: Tom Wagner, Date/Time: 8/18/16 1550

Relinquished by: T # Bif, Date/Time: 8/18/16 1550

Relinquished by: Company: T # Bif

Relinquished by: Company: Company:

Relinquished by: Company: Company:

Sample Specific Notes: 480-104756 COC

COC No: 180031591

Job No: 0913-OMM

SDG

Sample Specific Notes:

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 4.8

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-104756-1

Login Number: 104756

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-108916-1

Client Project/Site: 37745-Buffalo Color Area A Storm Sewer

Sampling Event: 37745-Buffalo Color Area A Storm Sewer

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

11/14/2016 10:05:18 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

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www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds 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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Job ID: 480-108916-1

Laboratory: TestAmerica Buffalo

Narrative

**Job Narrative
480-108916-1**

Comments

No additional comments.

Receipt

The samples were received on 11/2/2016 4:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

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

GC/MS Semi VOA

Method(s) 8270D, 8270D LL: The continuing calibration verification (CCV) associated with batch 480-330403 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. BCC Area A DMH-A3-1116 (480-108916-1) and BCC Area A DMH-A3 D-1116 (480-108916-2).

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and %RPD for preparation batch 480-329771 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, 8270D LL: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-330403 was outside criteria for the following analyte(s): Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated. BCC Area A DMH-A3-1116 (480-108916-1) and BCC Area A DMH-A3 D-1116 (480-108916-2).

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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3-1116

Lab Sample ID: 480-108916-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.2	J	10	3.0	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	4.3	J	4.7	0.38	ug/L	1		8270D	Total/NA

Client Sample ID: BCC Area A DMH-A3 D-1116

Lab Sample ID: 480-108916-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108916-3

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 Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3-1116

Lab Sample ID: 480-108916-1

Date Collected: 11/01/16 09:15

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/12/16 04:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/12/16 04:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/12/16 04:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/12/16 04:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/12/16 04:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/12/16 04:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/12/16 04:18	1
1,2-Dibromo-3-Chloropropane	ND	F2	1.0	0.39	ug/L			11/12/16 04:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/12/16 04:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/12/16 04:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/12/16 04:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/12/16 04:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/12/16 04:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/12/16 04:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/12/16 04:18	1
2-Hexanone	ND		5.0	1.2	ug/L			11/12/16 04:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/12/16 04:18	1
Acetone	3.2	J	10	3.0	ug/L			11/12/16 04:18	1
Benzene	ND		1.0	0.41	ug/L			11/12/16 04:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/12/16 04:18	1
Bromoform	ND		1.0	0.26	ug/L			11/12/16 04:18	1
Bromomethane	ND		1.0	0.69	ug/L			11/12/16 04:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/12/16 04:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/12/16 04:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/12/16 04:18	1
Chloroethane	ND		1.0	0.32	ug/L			11/12/16 04:18	1
Chloroform	ND		1.0	0.34	ug/L			11/12/16 04:18	1
Chloromethane	ND		1.0	0.35	ug/L			11/12/16 04:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/12/16 04:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/12/16 04:18	1
Cyclohexane	ND		1.0	0.18	ug/L			11/12/16 04:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/12/16 04:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/12/16 04:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/12/16 04:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/12/16 04:18	1
Methyl acetate	ND		2.5	1.3	ug/L			11/12/16 04:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/12/16 04:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/12/16 04:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/12/16 04:18	1
Styrene	ND		1.0	0.73	ug/L			11/12/16 04:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/12/16 04:18	1
Toluene	ND		1.0	0.51	ug/L			11/12/16 04:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/12/16 04:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/12/16 04:18	1
Trichloroethene	ND		1.0	0.46	ug/L			11/12/16 04:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/12/16 04:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/12/16 04:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/12/16 04:18	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3-1116

Lab Sample ID: 480-108916-1

Date Collected: 11/01/16 09:15

Matrix: Ground Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		11/12/16 04:18	1
4-Bromofluorobenzene (Surr)	95		73 - 120		11/12/16 04:18	1
Toluene-d8 (Surr)	102		80 - 120		11/12/16 04:18	1
Dibromofluoromethane (Surr)	107		75 - 123		11/12/16 04:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 21:17	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		11/04/16 15:03	11/08/16 21:17	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 21:17	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/04/16 15:03	11/08/16 21:17	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		11/04/16 15:03	11/08/16 21:17	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 21:17	1
2,6-Dinitrotoluene	4.3	J	4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:17	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:17	1
2-Chlorophenol	ND		4.7	0.50	ug/L		11/04/16 15:03	11/08/16 21:17	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		11/04/16 15:03	11/08/16 21:17	1
2-Methylphenol	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:17	1
2-Nitroaniline	ND		9.5	0.40	ug/L		11/04/16 15:03	11/08/16 21:17	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 21:17	1
3,3'-Dichlorobenzidine	ND	F2 F1	4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:17	1
3-Nitroaniline	ND	F1	9.5	0.45	ug/L		11/04/16 15:03	11/08/16 21:17	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		11/04/16 15:03	11/08/16 21:17	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:17	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:17	1
4-Chloroaniline	ND	F1	4.7	0.56	ug/L		11/04/16 15:03	11/08/16 21:17	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 21:17	1
4-Methylphenol	ND		9.5	0.34	ug/L		11/04/16 15:03	11/08/16 21:17	1
4-Nitroaniline	ND	F2 F1	9.5	0.24	ug/L		11/04/16 15:03	11/08/16 21:17	1
4-Nitrophenol	ND		9.5	1.4	ug/L		11/04/16 15:03	11/08/16 21:17	1
Acenaphthene	ND		4.7	0.39	ug/L		11/04/16 15:03	11/08/16 21:17	1
Acenaphthylene	ND		4.7	0.36	ug/L		11/04/16 15:03	11/08/16 21:17	1
Acetophenone	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 21:17	1
Aniline	ND	F2 F1	9.5	0.58	ug/L		11/04/16 15:03	11/08/16 21:17	1
Anthracene	ND		4.7	0.26	ug/L		11/04/16 15:03	11/08/16 21:17	1
Atrazine	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:17	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/04/16 15:03	11/08/16 21:17	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 21:17	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 21:17	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 21:17	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 21:17	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		11/04/16 15:03	11/08/16 21:17	1
Biphenyl	ND		4.7	0.62	ug/L		11/04/16 15:03	11/08/16 21:17	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/04/16 15:03	11/08/16 21:17	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 21:17	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:17	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 21:17	1
Butyl benzyl phthalate	ND		4.7	0.95	ug/L		11/04/16 15:03	11/08/16 21:17	1
Caprolactam	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 21:17	1
Carbazole	ND		4.7	0.28	ug/L		11/04/16 15:03	11/08/16 21:17	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3-1116

Lab Sample ID: 480-108916-1

Date Collected: 11/01/16 09:15

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		11/04/16 15:03	11/08/16 21:17	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		11/04/16 15:03	11/08/16 21:17	1
Dibenzofuran	ND		9.5	0.48	ug/L		11/04/16 15:03	11/08/16 21:17	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/04/16 15:03	11/08/16 21:17	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 21:17	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/04/16 15:03	11/08/16 21:17	1
Di-n-octyl phthalate	ND	F1	4.7	0.44	ug/L		11/04/16 15:03	11/08/16 21:17	1
Fluoranthene	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:17	1
Fluorene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 21:17	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 21:17	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/04/16 15:03	11/08/16 21:17	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		11/04/16 15:03	11/08/16 21:17	1
Hexachloroethane	ND		4.7	0.56	ug/L		11/04/16 15:03	11/08/16 21:17	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 21:17	1
Isophorone	ND		4.7	0.41	ug/L		11/04/16 15:03	11/08/16 21:17	1
Naphthalene	ND		4.7	0.72	ug/L		11/04/16 15:03	11/08/16 21:17	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/04/16 15:03	11/08/16 21:17	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 21:17	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 21:17	1
Pentachlorophenol	ND		9.5	2.1	ug/L		11/04/16 15:03	11/08/16 21:17	1
Phenanthrene	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 21:17	1
Phenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 21:17	1
Pyrene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 132	11/04/16 15:03	11/08/16 21:17	1
2-Fluorobiphenyl	72		48 - 120	11/04/16 15:03	11/08/16 21:17	1
2-Fluorophenol	50		20 - 120	11/04/16 15:03	11/08/16 21:17	1
Nitrobenzene-d5	72		46 - 120	11/04/16 15:03	11/08/16 21:17	1
Phenol-d5	42		16 - 120	11/04/16 15:03	11/08/16 21:17	1
p-Terphenyl-d14	79		67 - 150	11/04/16 15:03	11/08/16 21:17	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3 D-1116

Lab Sample ID: 480-108916-2

Date Collected: 11/01/16 09:30

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/12/16 04:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/12/16 04:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/12/16 04:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/12/16 04:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/12/16 04:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/12/16 04:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/12/16 04:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/12/16 04:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/12/16 04:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/12/16 04:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/12/16 04:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/12/16 04:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/12/16 04:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/12/16 04:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/12/16 04:41	1
2-Hexanone	ND		5.0	1.2	ug/L			11/12/16 04:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/12/16 04:41	1
Acetone	3.4	J	10	3.0	ug/L			11/12/16 04:41	1
Benzene	ND		1.0	0.41	ug/L			11/12/16 04:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/12/16 04:41	1
Bromoform	ND		1.0	0.26	ug/L			11/12/16 04:41	1
Bromomethane	ND		1.0	0.69	ug/L			11/12/16 04:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/12/16 04:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/12/16 04:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/12/16 04:41	1
Chloroethane	ND		1.0	0.32	ug/L			11/12/16 04:41	1
Chloroform	ND		1.0	0.34	ug/L			11/12/16 04:41	1
Chloromethane	ND		1.0	0.35	ug/L			11/12/16 04:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/12/16 04:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/12/16 04:41	1
Cyclohexane	ND		1.0	0.18	ug/L			11/12/16 04:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/12/16 04:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/12/16 04:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/12/16 04:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/12/16 04:41	1
Methyl acetate	ND		2.5	1.3	ug/L			11/12/16 04:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/12/16 04:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/12/16 04:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/12/16 04:41	1
Styrene	ND		1.0	0.73	ug/L			11/12/16 04:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/12/16 04:41	1
Toluene	ND		1.0	0.51	ug/L			11/12/16 04:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/12/16 04:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/12/16 04:41	1
Trichloroethene	ND		1.0	0.46	ug/L			11/12/16 04:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/12/16 04:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/12/16 04:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/12/16 04:41	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3 D-1116

Lab Sample ID: 480-108916-2

Date Collected: 11/01/16 09:30

Matrix: Ground Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/12/16 04:41	1
4-Bromofluorobenzene (Surr)	94		73 - 120		11/12/16 04:41	1
Toluene-d8 (Surr)	99		80 - 120		11/12/16 04:41	1
Dibromofluoromethane (Surr)	109		75 - 123		11/12/16 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 21:48	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		11/04/16 15:03	11/08/16 21:48	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 21:48	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/04/16 15:03	11/08/16 21:48	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		11/04/16 15:03	11/08/16 21:48	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 21:48	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:48	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:48	1
2-Chlorophenol	ND		4.7	0.50	ug/L		11/04/16 15:03	11/08/16 21:48	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		11/04/16 15:03	11/08/16 21:48	1
2-Methylphenol	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:48	1
2-Nitroaniline	ND		9.5	0.40	ug/L		11/04/16 15:03	11/08/16 21:48	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 21:48	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:48	1
3-Nitroaniline	ND		9.5	0.45	ug/L		11/04/16 15:03	11/08/16 21:48	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		11/04/16 15:03	11/08/16 21:48	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:48	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:48	1
4-Chloroaniline	ND		4.7	0.56	ug/L		11/04/16 15:03	11/08/16 21:48	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 21:48	1
4-Methylphenol	ND		9.5	0.34	ug/L		11/04/16 15:03	11/08/16 21:48	1
4-Nitroaniline	ND		9.5	0.24	ug/L		11/04/16 15:03	11/08/16 21:48	1
4-Nitrophenol	ND		9.5	1.4	ug/L		11/04/16 15:03	11/08/16 21:48	1
Acenaphthene	ND		4.7	0.39	ug/L		11/04/16 15:03	11/08/16 21:48	1
Acenaphthylene	ND		4.7	0.36	ug/L		11/04/16 15:03	11/08/16 21:48	1
Acetophenone	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 21:48	1
Aniline	ND		9.5	0.58	ug/L		11/04/16 15:03	11/08/16 21:48	1
Anthracene	ND		4.7	0.26	ug/L		11/04/16 15:03	11/08/16 21:48	1
Atrazine	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 21:48	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/04/16 15:03	11/08/16 21:48	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 21:48	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 21:48	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 21:48	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 21:48	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		11/04/16 15:03	11/08/16 21:48	1
Biphenyl	ND		4.7	0.62	ug/L		11/04/16 15:03	11/08/16 21:48	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/04/16 15:03	11/08/16 21:48	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 21:48	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:48	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 21:48	1
Butyl benzyl phthalate	ND		4.7	0.95	ug/L		11/04/16 15:03	11/08/16 21:48	1
Caprolactam	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 21:48	1
Carbazole	ND		4.7	0.28	ug/L		11/04/16 15:03	11/08/16 21:48	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3 D-1116

Lab Sample ID: 480-108916-2

Date Collected: 11/01/16 09:30

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		11/04/16 15:03	11/08/16 21:48	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		11/04/16 15:03	11/08/16 21:48	1
Dibenzofuran	ND		9.5	0.48	ug/L		11/04/16 15:03	11/08/16 21:48	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/04/16 15:03	11/08/16 21:48	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 21:48	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/04/16 15:03	11/08/16 21:48	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 21:48	1
Fluoranthene	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 21:48	1
Fluorene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 21:48	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 21:48	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/04/16 15:03	11/08/16 21:48	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		11/04/16 15:03	11/08/16 21:48	1
Hexachloroethane	ND		4.7	0.56	ug/L		11/04/16 15:03	11/08/16 21:48	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 21:48	1
Isophorone	ND		4.7	0.41	ug/L		11/04/16 15:03	11/08/16 21:48	1
Naphthalene	ND		4.7	0.72	ug/L		11/04/16 15:03	11/08/16 21:48	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/04/16 15:03	11/08/16 21:48	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 21:48	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 21:48	1
Pentachlorophenol	ND		9.5	2.1	ug/L		11/04/16 15:03	11/08/16 21:48	1
Phenanthrene	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 21:48	1
Phenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 21:48	1
Pyrene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 132	11/04/16 15:03	11/08/16 21:48	1
2-Fluorobiphenyl	71		48 - 120	11/04/16 15:03	11/08/16 21:48	1
2-Fluorophenol	47		20 - 120	11/04/16 15:03	11/08/16 21:48	1
Nitrobenzene-d5	67		46 - 120	11/04/16 15:03	11/08/16 21:48	1
Phenol-d5	40		16 - 120	11/04/16 15:03	11/08/16 21:48	1
p-Terphenyl-d14	81		67 - 150	11/04/16 15:03	11/08/16 21:48	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108916-3

Date Collected: 11/01/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/12/16 05:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/12/16 05:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/12/16 05:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/12/16 05:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/12/16 05:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/12/16 05:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/12/16 05:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/12/16 05:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/12/16 05:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/12/16 05:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/12/16 05:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/12/16 05:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/12/16 05:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/12/16 05:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/12/16 05:06	1
2-Hexanone	ND		5.0	1.2	ug/L			11/12/16 05:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/12/16 05:06	1
Acetone	ND		10	3.0	ug/L			11/12/16 05:06	1
Benzene	ND		1.0	0.41	ug/L			11/12/16 05:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/12/16 05:06	1
Bromoform	ND		1.0	0.26	ug/L			11/12/16 05:06	1
Bromomethane	ND		1.0	0.69	ug/L			11/12/16 05:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/12/16 05:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/12/16 05:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/12/16 05:06	1
Chloroethane	ND		1.0	0.32	ug/L			11/12/16 05:06	1
Chloroform	ND		1.0	0.34	ug/L			11/12/16 05:06	1
Chloromethane	ND		1.0	0.35	ug/L			11/12/16 05:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/12/16 05:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/12/16 05:06	1
Cyclohexane	ND		1.0	0.18	ug/L			11/12/16 05:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/12/16 05:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/12/16 05:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/12/16 05:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/12/16 05:06	1
Methyl acetate	ND		2.5	1.3	ug/L			11/12/16 05:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/12/16 05:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/12/16 05:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/12/16 05:06	1
Styrene	ND		1.0	0.73	ug/L			11/12/16 05:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/12/16 05:06	1
Toluene	ND		1.0	0.51	ug/L			11/12/16 05:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/12/16 05:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/12/16 05:06	1
Trichloroethene	ND		1.0	0.46	ug/L			11/12/16 05:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/12/16 05:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/12/16 05:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/12/16 05:06	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108916-3

Date Collected: 11/01/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/12/16 05:06	1
4-Bromofluorobenzene (Surr)	94		73 - 120		11/12/16 05:06	1
Toluene-d8 (Surr)	97		80 - 120		11/12/16 05:06	1
Dibromofluoromethane (Surr)	110		75 - 123		11/12/16 05:06	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-108916-1	BCC Area A DMH-A3-1116	109	95	102	107
480-108916-1 MS	BCC Area A DMH-A3 MS-1116	99	99	98	104
480-108916-1 MSD	BCC Area A DMH-A3 MSD-1116	100	97	96	105
480-108916-2	BCC Area A DMH-A3 D-1116	106	94	99	109

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-108916-3	TRIP BLANK	105	94	97	110
LCS 480-331152/5	Lab Control Sample	98	101	100	100
MB 480-331152/7	Method Blank	104	93	98	104

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	PHL	TPH
		(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-108916-1	BCC Area A DMH-A3-1116	91	72	50	72	42	79
480-108916-1 MS	BCC Area A DMH-A3 MS-1116	99	81	62	81	55	79
480-108916-1 MSD	BCC Area A DMH-A3 MSD-1116	98	75	60	76	51	77
480-108916-2	BCC Area A DMH-A3 D-1116	96	71	47	67	40	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 Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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)
LCS 480-329771/2-A	Lab Control Sample	87	84	59	81	59	87
MB 480-329771/1-A	Method Blank	65	73	51	72	41	84

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 Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: MB 480-331152/7

Matrix: Water

Analysis Batch: 331152

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			11/11/16 21:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/11/16 21:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/11/16 21:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/11/16 21:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/11/16 21:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/11/16 21:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/11/16 21:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/11/16 21:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/11/16 21:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/11/16 21:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/11/16 21:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/11/16 21:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/11/16 21:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/11/16 21:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/11/16 21:45	1
2-Hexanone	ND		5.0	1.2	ug/L			11/11/16 21:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/11/16 21:45	1
Acetone	ND		10	3.0	ug/L			11/11/16 21:45	1
Benzene	ND		1.0	0.41	ug/L			11/11/16 21:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/11/16 21:45	1
Bromoform	ND		1.0	0.26	ug/L			11/11/16 21:45	1
Bromomethane	ND		1.0	0.69	ug/L			11/11/16 21:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/11/16 21:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/11/16 21:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/11/16 21:45	1
Chloroethane	ND		1.0	0.32	ug/L			11/11/16 21:45	1
Chloroform	ND		1.0	0.34	ug/L			11/11/16 21:45	1
Chloromethane	ND		1.0	0.35	ug/L			11/11/16 21:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/11/16 21:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/11/16 21:45	1
Cyclohexane	ND		1.0	0.18	ug/L			11/11/16 21:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/11/16 21:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/11/16 21:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/11/16 21:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/11/16 21:45	1
Methyl acetate	ND		2.5	1.3	ug/L			11/11/16 21:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/11/16 21:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/11/16 21:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/11/16 21:45	1
Styrene	ND		1.0	0.73	ug/L			11/11/16 21:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/11/16 21:45	1
Toluene	ND		1.0	0.51	ug/L			11/11/16 21:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/11/16 21:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/11/16 21:45	1
Trichloroethene	ND		1.0	0.46	ug/L			11/11/16 21:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/11/16 21:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/11/16 21:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/11/16 21:45	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/11/16 21:45	1
4-Bromofluorobenzene (Surr)	93		73 - 120		11/11/16 21:45	1
Toluene-d8 (Surr)	98		80 - 120		11/11/16 21:45	1
Dibromofluoromethane (Surr)	104		75 - 123		11/11/16 21:45	1

Lab Sample ID: LCS 480-331152/5

Matrix: Water

Analysis Batch: 331152

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.8		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.6		ug/L		94	61 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.0		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	22.7		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.9		ug/L		84	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	22.9		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	24.6		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 120
2-Butanone (MEK)	125	115		ug/L		92	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	149		ug/L		119	56 - 142
Benzene	25.0	24.6		ug/L		98	71 - 124
Bromodichloromethane	25.0	23.0		ug/L		92	80 - 122
Bromoform	25.0	18.5		ug/L		74	61 - 132
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	21.4		ug/L		86	59 - 134
Carbon tetrachloride	25.0	23.6		ug/L		95	72 - 134
Chlorobenzene	25.0	25.1		ug/L		100	80 - 120
Chloroethane	25.0	21.5		ug/L		86	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	20.1		ug/L		81	68 - 124
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	22.3		ug/L		89	74 - 124
Cyclohexane	25.0	24.1		ug/L		97	59 - 135
Dibromochloromethane	25.0	22.8		ug/L		91	75 - 125
Dichlorodifluoromethane	25.0	19.5		ug/L		78	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Isopropylbenzene	25.0	25.1		ug/L		100	77 - 122
Methyl acetate	125	108		ug/L		86	74 - 133
Methyl tert-butyl ether	25.0	22.5		ug/L		90	77 - 120
Methylcyclohexane	25.0	24.7		ug/L		99	68 - 134
Methylene Chloride	25.0	23.5		ug/L		94	75 - 124
Styrene	25.0	25.0		ug/L		100	80 - 120
Tetrachloroethene	25.0	26.2		ug/L		105	74 - 122
Toluene	25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: LCS 480-331152/5

Matrix: Water

Analysis Batch: 331152

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	22.0		ug/L		88	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	23.1		ug/L		92	62 - 150
Vinyl chloride	25.0	20.5		ug/L		82	65 - 133
Xylenes, Total	50.0	52.7		ug/L		105	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

Lab Sample ID: 480-108916-1 MS

Matrix: Ground Water

Analysis Batch: 331152

Client Sample ID: BCC Area A DMH-A3 MS-1116

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	28.2		ug/L		113	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	23.8		ug/L		95	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.9		ug/L		104	61 - 148
1,1,2-Trichloroethane	ND		25.0	23.5		ug/L		94	76 - 122
1,1-Dichloroethane	ND		25.0	26.4		ug/L		106	77 - 120
1,1-Dichloroethene	ND		25.0	26.0		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	24.0		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	19.3		ug/L		77	56 - 134
1,2-Dibromoethane	ND		25.0	23.6		ug/L		94	77 - 120
1,2-Dichlorobenzene	ND		25.0	25.6		ug/L		102	80 - 124
1,2-Dichloroethane	ND		25.0	24.5		ug/L		98	75 - 120
1,2-Dichloropropane	ND		25.0	25.9		ug/L		103	76 - 120
1,3-Dichlorobenzene	ND		25.0	25.7		ug/L		103	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.0		ug/L		104	78 - 124
2-Butanone (MEK)	ND		125	112		ug/L		89	57 - 140
2-Hexanone	ND		125	110		ug/L		88	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		91	71 - 125
Acetone	3.2	J	125	123		ug/L		96	56 - 142
Benzene	ND		25.0	26.9		ug/L		108	71 - 124
Bromodichloromethane	ND		25.0	25.1		ug/L		100	80 - 122
Bromoform	ND		25.0	19.6		ug/L		78	61 - 132
Bromomethane	ND		25.0	26.7		ug/L		107	55 - 144
Carbon disulfide	ND		25.0	23.9		ug/L		95	59 - 134
Carbon tetrachloride	ND		25.0	27.0		ug/L		108	72 - 134
Chlorobenzene	ND		25.0	25.1		ug/L		101	80 - 120
Chloroethane	ND		25.0	26.2		ug/L		105	69 - 136
Chloroform	ND		25.0	25.9		ug/L		104	73 - 127
Chloromethane	ND		25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.7		ug/L		111	74 - 124
cis-1,3-Dichloropropene	ND		25.0	22.4		ug/L		90	74 - 124

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: 480-108916-1 MS

Matrix: Ground Water

Analysis Batch: 331152

Client Sample ID: BCC Area A DMH-A3 MS-1116

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Cyclohexane	ND		25.0	25.3		ug/L		101	59 - 135
Dibromochloromethane	ND		25.0	21.8		ug/L		87	75 - 125
Dichlorodifluoromethane	ND		25.0	20.6		ug/L		82	59 - 135
Ethylbenzene	ND		25.0	25.7		ug/L		103	77 - 123
Isopropylbenzene	ND		25.0	26.6		ug/L		106	77 - 122
Methyl acetate	ND		125	110		ug/L		88	74 - 133
Methyl tert-butyl ether	ND		25.0	23.2		ug/L		93	77 - 120
Methylcyclohexane	ND		25.0	25.5		ug/L		102	68 - 134
Methylene Chloride	ND		25.0	25.4		ug/L		102	75 - 124
Styrene	ND		25.0	25.9		ug/L		104	80 - 120
Tetrachloroethene	ND		25.0	26.6		ug/L		106	74 - 122
Toluene	ND		25.0	26.6		ug/L		106	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	73 - 127
trans-1,3-Dichloropropene	ND		25.0	20.8		ug/L		83	80 - 120
Trichloroethene	ND		25.0	26.0		ug/L		104	74 - 123
Trichlorofluoromethane	ND		25.0	26.1		ug/L		104	62 - 150
Vinyl chloride	ND		25.0	25.3		ug/L		101	65 - 133
Xylenes, Total	ND		50.0	53.0		ug/L		106	76 - 122

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-108916-1 MSD

Matrix: Ground Water

Analysis Batch: 331152

Client Sample ID: BCC Area A DMH-A3 MSD-1116

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	29.3		ug/L		117	73 - 126	4	15
1,1,1,2-Tetrachloroethane	ND		25.0	25.2		ug/L		101	76 - 120	6	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.4		ug/L		109	61 - 148	6	20
1,1,2-Trichloroethane	ND		25.0	25.3		ug/L		101	76 - 122	7	15
1,1-Dichloroethane	ND		25.0	28.3		ug/L		113	77 - 120	7	20
1,1-Dichloroethene	ND		25.0	28.3		ug/L		113	66 - 127	9	16
1,2,4-Trichlorobenzene	ND		25.0	25.3		ug/L		101	79 - 122	5	20
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	22.7	F2	ug/L		91	56 - 134	16	15
1,2-Dibromoethane	ND		25.0	25.2		ug/L		101	77 - 120	7	15
1,2-Dichlorobenzene	ND		25.0	27.6		ug/L		110	80 - 124	7	20
1,2-Dichloroethane	ND		25.0	26.5		ug/L		106	75 - 120	8	20
1,2-Dichloropropane	ND		25.0	28.0		ug/L		112	76 - 120	8	20
1,3-Dichlorobenzene	ND		25.0	27.4		ug/L		110	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	27.2		ug/L		109	78 - 124	5	20
2-Butanone (MEK)	ND		125	122		ug/L		98	57 - 140	9	20
2-Hexanone	ND		125	118		ug/L		95	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	ND		125	119		ug/L		95	71 - 125	5	35

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: 480-108916-1 MSD

Client Sample ID: BCC Area A DMH-A3 MSD-1116

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 331152

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	3.2	J	125	131		ug/L		102	56 - 142	6	15
Benzene	ND		25.0	29.2		ug/L		117	71 - 124	8	13
Bromodichloromethane	ND		25.0	26.1		ug/L		105	80 - 122	4	15
Bromoform	ND		25.0	20.2		ug/L		81	61 - 132	3	15
Bromomethane	ND		25.0	27.2		ug/L		109	55 - 144	2	15
Carbon disulfide	ND		25.0	25.4		ug/L		102	59 - 134	6	15
Carbon tetrachloride	ND		25.0	28.1		ug/L		113	72 - 134	4	15
Chlorobenzene	ND		25.0	26.2		ug/L		105	80 - 120	4	25
Chloroethane	ND		25.0	24.6		ug/L		98	69 - 136	6	15
Chloroform	ND		25.0	27.7		ug/L		111	73 - 127	6	20
Chloromethane	ND		25.0	23.3		ug/L		93	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	74 - 124	6	15
cis-1,3-Dichloropropene	ND		25.0	24.3		ug/L		97	74 - 124	8	15
Cyclohexane	ND		25.0	27.3		ug/L		109	59 - 135	7	20
Dibromochloromethane	ND		25.0	24.3		ug/L		97	75 - 125	11	15
Dichlorodifluoromethane	ND		25.0	19.5		ug/L		78	59 - 135	5	20
Ethylbenzene	ND		25.0	26.6		ug/L		106	77 - 123	3	15
Isopropylbenzene	ND		25.0	27.5		ug/L		110	77 - 122	3	20
Methyl acetate	ND		125	116		ug/L		93	74 - 133	6	20
Methyl tert-butyl ether	ND		25.0	25.7		ug/L		103	77 - 120	10	37
Methylcyclohexane	ND		25.0	28.1		ug/L		112	68 - 134	10	20
Methylene Chloride	ND		25.0	27.8		ug/L		111	75 - 124	9	15
Styrene	ND		25.0	25.9		ug/L		104	80 - 120	0	20
Tetrachloroethene	ND		25.0	27.2		ug/L		109	74 - 122	2	20
Toluene	ND		25.0	27.0		ug/L		108	80 - 122	2	15
trans-1,2-Dichloroethene	ND		25.0	28.6		ug/L		114	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	22.7		ug/L		91	80 - 120	9	15
Trichloroethene	ND		25.0	27.2		ug/L		109	74 - 123	5	16
Trichlorofluoromethane	ND		25.0	26.3		ug/L		105	62 - 150	1	20
Vinyl chloride	ND		25.0	25.6		ug/L		102	65 - 133	1	15
Xylenes, Total	ND		50.0	53.9		ug/L		108	76 - 122	2	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	105		75 - 123

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

Lab Sample ID: MB 480-329771/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 330403

Prep Batch: 329771

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: MB 480-329771/1-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 329771

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/16 15:03	11/08/16 19:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/16 15:03	11/08/16 19:15	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/16 15:03	11/08/16 19:15	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/16 15:03	11/08/16 19:15	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/16 15:03	11/08/16 19:15	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/16 15:03	11/08/16 19:15	1
Aniline	ND		10	0.61	ug/L		11/04/16 15:03	11/08/16 19:15	1
Anthracene	ND		5.0	0.28	ug/L		11/04/16 15:03	11/08/16 19:15	1
Atrazine	ND		5.0	0.46	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/16 15:03	11/08/16 19:15	1
Biphenyl	ND		5.0	0.65	ug/L		11/04/16 15:03	11/08/16 19:15	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/16 15:03	11/08/16 19:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/16 15:03	11/08/16 19:15	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/16 15:03	11/08/16 19:15	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
Carbazole	ND		5.0	0.30	ug/L		11/04/16 15:03	11/08/16 19:15	1
Chrysene	ND		5.0	0.33	ug/L		11/04/16 15:03	11/08/16 19:15	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/16 15:03	11/08/16 19:15	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/16 15:03	11/08/16 19:15	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/16 15:03	11/08/16 19:15	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/16 15:03	11/08/16 19:15	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: MB 480-329771/1-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 329771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.0	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/16 15:03	11/08/16 19:15	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/16 15:03	11/08/16 19:15	1
Isophorone	ND		5.0	0.43	ug/L		11/04/16 15:03	11/08/16 19:15	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/16 15:03	11/08/16 19:15	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/16 15:03	11/08/16 19:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/16 15:03	11/08/16 19:15	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/16 15:03	11/08/16 19:15	1
Phenol	ND		5.0	0.39	ug/L		11/04/16 15:03	11/08/16 19:15	1
Pyrene	ND		5.0	0.34	ug/L		11/04/16 15:03	11/08/16 19:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		52 - 132	11/04/16 15:03	11/08/16 19:15	1
2-Fluorobiphenyl	73		48 - 120	11/04/16 15:03	11/08/16 19:15	1
2-Fluorophenol	51		20 - 120	11/04/16 15:03	11/08/16 19:15	1
Nitrobenzene-d5	72		46 - 120	11/04/16 15:03	11/08/16 19:15	1
Phenol-d5	41		16 - 120	11/04/16 15:03	11/08/16 19:15	1
p-Terphenyl-d14	84		67 - 150	11/04/16 15:03	11/08/16 19:15	1

Lab Sample ID: LCS 480-329771/2-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	14.7		ug/L		92	65 - 126
2,4,6-Trichlorophenol	16.0	14.2		ug/L		89	64 - 120
2,4-Dichlorophenol	16.0	14.3		ug/L		90	63 - 120
2,4-Dimethylphenol	16.0	12.4		ug/L		78	47 - 120
2,4-Dinitrophenol	32.0	25.4		ug/L		80	31 - 137
2,4-Dinitrotoluene	16.0	13.3		ug/L		83	69 - 120
2,6-Dinitrotoluene	16.0	13.4		ug/L		84	68 - 120
2-Chloronaphthalene	16.0	13.8		ug/L		86	58 - 120
2-Chlorophenol	16.0	12.1		ug/L		75	48 - 120
2-Methylnaphthalene	16.0	13.3		ug/L		83	59 - 120
2-Methylphenol	16.0	11.6		ug/L		73	39 - 120
2-Nitroaniline	16.0	13.9		ug/L		87	54 - 127
2-Nitrophenol	16.0	13.8		ug/L		86	52 - 125
3,3'-Dichlorobenzidine	32.0	25.6		ug/L		80	49 - 135
3-Nitroaniline	16.0	10.6		ug/L		66	51 - 120
4,6-Dinitro-2-methylphenol	32.0	25.6		ug/L		80	46 - 136
4-Bromophenyl phenyl ether	16.0	14.1		ug/L		88	65 - 120
4-Chloro-3-methylphenol	16.0	14.8		ug/L		92	61 - 123
4-Chloroaniline	16.0	9.76		ug/L		61	30 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: LCS 480-329771/2-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec. Limits
	Added	Result	Qualifier				
4-Chlorophenyl phenyl ether	16.0	13.9		ug/L		87	62 - 120
4-Methylphenol	16.0	11.9		ug/L		74	29 - 131
4-Nitroaniline	16.0	13.1		ug/L		82	65 - 120
4-Nitrophenol	32.0	25.0		ug/L		78	45 - 120
Acenaphthene	16.0	13.1		ug/L		82	60 - 120
Acenaphthylene	16.0	12.7		ug/L		80	63 - 120
Acetophenone	16.0	12.6		ug/L		79	45 - 120
Aniline	16.0	5.06	J	ug/L		32	12 - 120
Anthracene	16.0	12.7		ug/L		79	67 - 120
Atrazine	32.0	30.7		ug/L		96	71 - 130
Benzaldehyde	32.0	18.6		ug/L		58	10 - 140
Benzo(a)anthracene	16.0	14.3		ug/L		89	70 - 121
Benzo(a)pyrene	16.0	13.6		ug/L		85	60 - 123
Benzo(b)fluoranthene	16.0	15.0		ug/L		94	66 - 126
Benzo(g,h,i)perylene	16.0	15.0		ug/L		94	66 - 150
Benzo(k)fluoranthene	16.0	14.0		ug/L		87	65 - 124
Biphenyl	16.0	13.6		ug/L		85	59 - 120
bis(2-chloroisopropyl) ether	16.0	11.0		ug/L		69	21 - 136
Bis(2-chloroethoxy)methane	16.0	12.6		ug/L		79	50 - 128
Bis(2-chloroethyl)ether	16.0	11.7		ug/L		73	44 - 120
Bis(2-ethylhexyl) phthalate	16.0	12.9		ug/L		80	63 - 139
Butyl benzyl phthalate	16.0	13.1		ug/L		82	70 - 129
Caprolactam	32.0	10.3		ug/L		32	22 - 120
Carbazole	16.0	15.1		ug/L		94	66 - 123
Chrysene	16.0	13.9		ug/L		87	69 - 120
Dibenz(a,h)anthracene	16.0	14.6		ug/L		91	65 - 135
Dibenzofuran	16.0	13.5		ug/L		84	66 - 120
Diethyl phthalate	16.0	14.3		ug/L		90	59 - 127
Dimethyl phthalate	16.0	14.1		ug/L		88	68 - 120
Di-n-butyl phthalate	16.0	13.9		ug/L		87	69 - 131
Di-n-octyl phthalate	16.0	13.2		ug/L		83	63 - 140
Fluoranthene	16.0	15.0		ug/L		94	69 - 126
Fluorene	16.0	13.7		ug/L		85	66 - 120
Hexachlorobenzene	16.0	14.6		ug/L		92	61 - 120
Hexachlorobutadiene	16.0	14.0		ug/L		87	35 - 120
Hexachlorocyclopentadiene	16.0	11.8		ug/L		74	31 - 120
Hexachloroethane	16.0	10.8		ug/L		67	43 - 120
Indeno(1,2,3-cd)pyrene	16.0	13.1		ug/L		82	69 - 146
Isophorone	16.0	13.5		ug/L		85	55 - 120
Naphthalene	16.0	12.7		ug/L		80	57 - 120
Nitrobenzene	16.0	13.2		ug/L		83	53 - 123
N-Nitrosodi-n-propylamine	16.0	12.6		ug/L		79	32 - 140
N-Nitrosodiphenylamine	16.0	12.6		ug/L		79	61 - 120
Pentachlorophenol	32.0	17.2		ug/L		54	29 - 136
Phenanthrene	16.0	14.0		ug/L		87	68 - 120
Phenol	16.0	9.50		ug/L		59	17 - 120
Pyrene	16.0	13.5		ug/L		84	70 - 125

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: LCS 480-329771/2-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 329771

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	87		52 - 132
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol	59		20 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	59		16 - 120
p-Terphenyl-d14	87		67 - 150

Lab Sample ID: 480-108916-1 MS

Matrix: Ground Water

Analysis Batch: 330403

Client Sample ID: BCC Area A DMH-A3 MS-1116

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2,4,5-Trichlorophenol	ND		15.0	14.0		ug/L		93	65 - 126
2,4,6-Trichlorophenol	ND		15.0	13.8		ug/L		92	64 - 120
2,4-Dichlorophenol	ND		15.0	13.5		ug/L		90	64 - 120
2,4-Dimethylphenol	ND		15.0	12.8		ug/L		85	57 - 120
2,4-Dinitrophenol	ND		30.0	27.6		ug/L		92	42 - 153
2,4-Dinitrotoluene	ND		15.0	13.0		ug/L		87	62 - 148
2,6-Dinitrotoluene	4.3	J	15.0	16.6		ug/L		82	65 - 154
2-Chloronaphthalene	ND		15.0	12.3		ug/L		82	41 - 124
2-Chlorophenol	ND		15.0	11.8		ug/L		78	48 - 120
2-Methylnaphthalene	ND		15.0	12.8		ug/L		85	34 - 122
2-Methylphenol	ND		15.0	11.8		ug/L		78	39 - 120
2-Nitroaniline	ND		15.0	12.1		ug/L		81	67 - 136
2-Nitrophenol	ND		15.0	12.8		ug/L		86	59 - 120
3,3'-Dichlorobenzidine	ND	F2 F1	30.0	3.59	J F1	ug/L		12	33 - 140
3-Nitroaniline	ND	F1	15.0	7.53	J F1	ug/L		50	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.0	27.5		ug/L		91	64 - 159
4-Bromophenyl phenyl ether	ND		15.0	13.9		ug/L		92	71 - 126
4-Chloro-3-methylphenol	ND		15.0	13.4		ug/L		89	64 - 120
4-Chloroaniline	ND	F1	15.0	6.08	F1	ug/L		41	60 - 124
4-Chlorophenyl phenyl ether	ND		15.0	13.4		ug/L		89	48 - 145
4-Methylphenol	ND		15.0	11.5		ug/L		77	36 - 120
4-Nitroaniline	ND	F2 F1	15.0	9.42	F1	ug/L		63	64 - 135
4-Nitrophenol	ND		30.0	24.7		ug/L		82	16 - 120
Acenaphthene	ND		15.0	12.4		ug/L		82	60 - 120
Acenaphthylene	ND		15.0	12.4		ug/L		82	63 - 120
Acetophenone	ND		15.0	12.1		ug/L		81	45 - 120
Aniline	ND	F2 F1	15.0	5.47	J F1	ug/L		36	37 - 120
Anthracene	ND		15.0	12.7		ug/L		84	58 - 148
Atrazine	ND		30.0	27.6		ug/L		92	56 - 179
Benzaldehyde	ND		30.0	15.1		ug/L		50	30 - 140
Benzo(a)anthracene	ND		15.0	12.8		ug/L		85	55 - 151
Benzo(a)pyrene	ND		15.0	11.7		ug/L		78	60 - 145
Benzo(b)fluoranthene	ND		15.0	12.0		ug/L		80	54 - 140
Benzo(g,h,i)perylene	ND		15.0	12.5		ug/L		83	66 - 152
Benzo(k)fluoranthene	ND		15.0	11.2		ug/L		75	51 - 153
Biphenyl	ND		15.0	12.6		ug/L		84	30 - 140

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: 480-108916-1 MS

Matrix: Ground Water

Analysis Batch: 330403

Client Sample ID: BCC Area A DMH-A3 MS-1116

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
bis (2-chloroisopropyl) ether	ND		15.0	9.86		ug/L		66	28 - 136
Bis(2-chloroethoxy)methane	ND		15.0	11.6		ug/L		78	50 - 128
Bis(2-chloroethyl)ether	ND		15.0	11.3		ug/L		75	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.0	8.62		ug/L		57	53 - 158
Butyl benzyl phthalate	ND		15.0	12.4		ug/L		82	58 - 163
Caprolactam	ND		30.0	10.6		ug/L		35	30 - 140
Carbazole	ND		15.0	15.2		ug/L		101	59 - 148
Chrysene	ND		15.0	12.5		ug/L		83	69 - 140
Dibenz(a,h)anthracene	ND		15.0	11.0		ug/L		74	57 - 158
Dibenzofuran	ND		15.0	12.7		ug/L		85	49 - 137
Diethyl phthalate	ND		15.0	13.5		ug/L		90	59 - 146
Dimethyl phthalate	ND		15.0	13.1		ug/L		88	59 - 141
Di-n-butyl phthalate	ND		15.0	13.0		ug/L		87	58 - 149
Di-n-octyl phthalate	ND	F1	15.0	8.54		ug/L		57	55 - 167
Fluoranthene	ND		15.0	14.2		ug/L		94	55 - 147
Fluorene	ND		15.0	13.4		ug/L		89	55 - 143
Hexachlorobenzene	ND		15.0	14.6		ug/L		97	38 - 131
Hexachlorobutadiene	ND		15.0	13.3		ug/L		88	14 - 130
Hexachlorocyclopentadiene	ND		15.0	12.3		ug/L		82	13 - 130
Hexachloroethane	ND		15.0	10.9		ug/L		72	14 - 130
Indeno(1,2,3-cd)pyrene	ND		15.0	10.5		ug/L		70	69 - 146
Isophorone	ND		15.0	12.6		ug/L		84	48 - 133
Naphthalene	ND		15.0	12.6		ug/L		84	35 - 130
Nitrobenzene	ND		15.0	11.9		ug/L		79	45 - 123
N-Nitrosodi-n-propylamine	ND		15.0	11.7		ug/L		78	56 - 120
N-Nitrosodiphenylamine	ND		15.0	13.4		ug/L		89	25 - 125
Pentachlorophenol	ND		30.0	23.6		ug/L		79	39 - 136
Phenanthrene	ND		15.0	14.4		ug/L		96	57 - 147
Phenol	ND		15.0	7.94		ug/L		53	17 - 120
Pyrene	ND		15.0	13.5		ug/L		90	58 - 136

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	99		52 - 132
2-Fluorobiphenyl	81		48 - 120
2-Fluorophenol	62		20 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	55		16 - 120
p-Terphenyl-d14	79		67 - 150

Lab Sample ID: 480-108916-1 MSD

Matrix: Ground Water

Analysis Batch: 330403

Client Sample ID: BCC Area A DMH-A3 MSD-1116

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
2,4,5-Trichlorophenol	ND		15.0	12.3		ug/L		82	65 - 126	13	18
2,4,6-Trichlorophenol	ND		15.0	12.7		ug/L		85	64 - 120	8	19
2,4-Dichlorophenol	ND		15.0	12.3		ug/L		82	64 - 120	9	19
2,4-Dimethylphenol	ND		15.0	12.2		ug/L		81	57 - 120	5	42

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: 480-108916-1 MSD

Client Sample ID: BCC Area A DMH-A3 MSD-1116

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 330403

Prep Batch: 329771

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2,4-Dinitrophenol	ND		30.0	27.7		ug/L		92	42 - 153	0	22
2,4-Dinitrotoluene	ND		15.0	13.0		ug/L		86	62 - 148	0	20
2,6-Dinitrotoluene	4.3	J	15.0	16.1		ug/L		79	65 - 154	3	15
2-Chloronaphthalene	ND		15.0	11.8		ug/L		79	41 - 124	4	21
2-Chlorophenol	ND		15.0	10.7		ug/L		71	48 - 120	9	25
2-Methylnaphthalene	ND		15.0	11.9		ug/L		80	34 - 122	7	21
2-Methylphenol	ND		15.0	11.0		ug/L		73	39 - 120	7	27
2-Nitroaniline	ND		15.0	12.1		ug/L		80	67 - 136	0	15
2-Nitrophenol	ND		15.0	12.2		ug/L		82	59 - 120	5	18
3,3'-Dichlorobenzidine	ND	F2 F1	30.0	1.49	J F1 F2	ug/L		5	33 - 140	83	25
3-Nitroaniline	ND	F1	15.0	7.15	J F1	ug/L		48	69 - 129	5	19
4,6-Dinitro-2-methylphenol	ND		30.0	26.5		ug/L		88	64 - 159	3	15
4-Bromophenyl phenyl ether	ND		15.0	13.1		ug/L		87	71 - 126	6	15
4-Chloro-3-methylphenol	ND		15.0	12.6		ug/L		84	64 - 120	6	27
4-Chloroaniline	ND	F1	15.0	5.47	F1	ug/L		37	60 - 124	11	22
4-Chlorophenyl phenyl ether	ND		15.0	12.2		ug/L		82	48 - 145	9	16
4-Methylphenol	ND		15.0	10.7		ug/L		71	36 - 120	8	24
4-Nitroaniline	ND	F2 F1	15.0	7.31	J F1 F2	ug/L		49	64 - 135	25	24
4-Nitrophenol	ND		30.0	25.2		ug/L		84	16 - 120	2	48
Acenaphthene	ND		15.0	11.9		ug/L		79	60 - 120	4	24
Acenaphthylene	ND		15.0	11.8		ug/L		79	63 - 120	4	18
Acetophenone	ND		15.0	11.6		ug/L		78	45 - 120	4	20
Aniline	ND	F2 F1	15.0	4.00	J F1 F2	ug/L		27	37 - 120	31	30
Anthracene	ND		15.0	12.5		ug/L		83	58 - 148	1	15
Atrazine	ND		30.0	27.2		ug/L		91	56 - 179	2	20
Benzaldehyde	ND		30.0	14.4		ug/L		48	30 - 140	4	20
Benzo(a)anthracene	ND		15.0	12.0		ug/L		80	55 - 151	6	15
Benzo(a)pyrene	ND		15.0	11.2		ug/L		75	60 - 145	4	15
Benzo(b)fluoranthene	ND		15.0	11.7		ug/L		78	54 - 140	3	15
Benzo(g,h,i)perylene	ND		15.0	12.7		ug/L		85	66 - 152	2	15
Benzo(k)fluoranthene	ND		15.0	11.8		ug/L		79	51 - 153	5	22
Biphenyl	ND		15.0	11.8		ug/L		78	30 - 140	7	20
bis (2-chloroisopropyl) ether	ND		15.0	9.26		ug/L		62	28 - 136	6	24
Bis(2-chloroethoxy)methane	ND		15.0	10.7		ug/L		72	50 - 128	8	17
Bis(2-chloroethyl)ether	ND		15.0	10.3		ug/L		69	51 - 120	9	21
Bis(2-ethylhexyl) phthalate	ND		15.0	8.82		ug/L		59	53 - 158	2	15
Butyl benzyl phthalate	ND		15.0	12.3		ug/L		82	58 - 163	1	16
Caprolactam	ND		30.0	9.99		ug/L		33	30 - 140	6	20
Carbazole	ND		15.0	14.8		ug/L		99	59 - 148	2	20
Chrysene	ND		15.0	12.3		ug/L		82	69 - 140	2	15
Dibenz(a,h)anthracene	ND		15.0	11.1		ug/L		74	57 - 158	0	15
Dibenzofuran	ND		15.0	12.0		ug/L		80	49 - 137	6	15
Diethyl phthalate	ND		15.0	13.0		ug/L		86	59 - 146	4	15
Dimethyl phthalate	ND		15.0	12.8		ug/L		85	59 - 141	3	15
Di-n-butyl phthalate	ND		15.0	13.1		ug/L		88	58 - 149	1	15
Di-n-octyl phthalate	ND	F1	15.0	7.87	F1	ug/L		53	55 - 167	8	16
Fluoranthene	ND		15.0	14.1		ug/L		94	55 - 147	0	15
Fluorene	ND		15.0	12.7		ug/L		85	55 - 143	5	15

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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

Lab Sample ID: 480-108916-1 MSD

Matrix: Ground Water

Analysis Batch: 330403

Client Sample ID: BCC Area A DMH-A3 MSD-1116

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Hexachlorobenzene	ND		15.0	13.7		ug/L		91	38 - 131	6	15
Hexachlorobutadiene	ND		15.0	11.7		ug/L		78	14 - 130	13	44
Hexachlorocyclopentadiene	ND		15.0	10.5		ug/L		70	13 - 130	16	49
Hexachloroethane	ND		15.0	10.4		ug/L		69	14 - 130	5	46
Indeno(1,2,3-cd)pyrene	ND		15.0	11.4		ug/L		76	69 - 146	8	15
Isophorone	ND		15.0	11.7		ug/L		78	48 - 133	8	17
Naphthalene	ND		15.0	11.7		ug/L		78	35 - 130	7	29
Nitrobenzene	ND		15.0	11.3		ug/L		75	45 - 123	5	24
N-Nitrosodi-n-propylamine	ND		15.0	11.5		ug/L		77	56 - 120	1	31
N-Nitrosodiphenylamine	ND		15.0	12.5		ug/L		83	25 - 125	7	15
Pentachlorophenol	ND		30.0	24.1		ug/L		80	39 - 136	2	37
Phenanthrene	ND		15.0	13.8		ug/L		92	57 - 147	4	15
Phenol	ND		15.0	7.36		ug/L		49	17 - 120	8	34
Pyrene	ND		15.0	13.0		ug/L		87	58 - 136	3	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	98		52 - 132
2-Fluorobiphenyl	75		48 - 120
2-Fluorophenol	60		20 - 120
Nitrobenzene-d5	76		46 - 120
Phenol-d5	51		16 - 120
p-Terphenyl-d14	77		67 - 150

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

GC/MS VOA

Analysis Batch: 331152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108916-1	BCC Area A DMH-A3-1116	Total/NA	Ground Water	8260C	
480-108916-2	BCC Area A DMH-A3 D-1116	Total/NA	Ground Water	8260C	
480-108916-3	TRIP BLANK	Total/NA	Water	8260C	
MB 480-331152/7	Method Blank	Total/NA	Water	8260C	
LCS 480-331152/5	Lab Control Sample	Total/NA	Water	8260C	
480-108916-1 MS	BCC Area A DMH-A3 MS-1116	Total/NA	Ground Water	8260C	
480-108916-1 MSD	BCC Area A DMH-A3 MSD-1116	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 329771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108916-1	BCC Area A DMH-A3-1116	Total/NA	Ground Water	3510C	
480-108916-2	BCC Area A DMH-A3 D-1116	Total/NA	Ground Water	3510C	
MB 480-329771/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-329771/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-108916-1 MS	BCC Area A DMH-A3 MS-1116	Total/NA	Ground Water	3510C	
480-108916-1 MSD	BCC Area A DMH-A3 MSD-1116	Total/NA	Ground Water	3510C	

Analysis Batch: 330403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108916-1	BCC Area A DMH-A3-1116	Total/NA	Ground Water	8270D	329771
480-108916-2	BCC Area A DMH-A3 D-1116	Total/NA	Ground Water	8270D	329771
MB 480-329771/1-A	Method Blank	Total/NA	Water	8270D	329771
LCS 480-329771/2-A	Lab Control Sample	Total/NA	Water	8270D	329771
480-108916-1 MS	BCC Area A DMH-A3 MS-1116	Total/NA	Ground Water	8270D	329771
480-108916-1 MSD	BCC Area A DMH-A3 MSD-1116	Total/NA	Ground Water	8270D	329771

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Client Sample ID: BCC Area A DMH-A3-1116

Lab Sample ID: 480-108916-1

Date Collected: 11/01/16 09:15

Matrix: Ground Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331152	11/12/16 04:18	GTG	TAL BUF
Total/NA	Prep	3510C			329771	11/04/16 15:03	ARS	TAL BUF
Total/NA	Analysis	8270D		1	330403	11/08/16 21:17	DMR	TAL BUF

Client Sample ID: BCC Area A DMH-A3 D-1116

Lab Sample ID: 480-108916-2

Date Collected: 11/01/16 09:30

Matrix: Ground Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331152	11/12/16 04:41	GTG	TAL BUF
Total/NA	Prep	3510C			329771	11/04/16 15:03	ARS	TAL BUF
Total/NA	Analysis	8270D		1	330403	11/08/16 21:48	DMR	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108916-3

Date Collected: 11/01/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331152	11/12/16 05:06	GTG	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

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

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Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

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: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-108916-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-108916-1	BCC Area A DMH-A3-1116	Ground Water	11/01/16 09:15	11/02/16 16:15
480-108916-2	BCC Area A DMH-A3 D-1116	Ground Water	11/01/16 09:30	11/02/16 16:15
480-108916-3	TRIP BLANK	Water	11/01/16 00:00	11/02/16 16:15

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Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact Ontario Specialty Contracting Inc. 333 Ganson Street Buffalo, NY, 14203 716-856-3333 716-842-1630 Project Name: Buffalo Color Area A Storm Sewer Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745 PO# 59087		Project Manager: Schowe, 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 Date: 11-1-16 Lab Contact: Schowe, John Carrier: DSC COC No: 48002159, 05 I. of I. COCs Job No. 0813-QMM SDGT Loc: 480 108916 #1 A			
Sample Identification BCC_Area A_DMHA3_1116 BCC_Area A_DMHA3D_1116 BCC_Area A_DMHA3MS_1116 BCC_Area A_DMHA3MSD_1116 Trip Blank		Sample Date 11/1/16 11/1/16 11/1/16 11/1/16	Sample Time 0915 0930 0945 1000	Sample Type G G G G N/A	Matrix W W W W N/A	# of Cont. 5 5 5 5 5	Container Volume (ml) 2000 2000 2000 2000 2000
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4= HNO3 (Nitric) 5= NaOH (Sodium Hydroxide) 6= Other 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: Temp 3.0 #1		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			
Relinquished by: Tom Wagner		Received by: Cassie		Date/Time: 11/2-16 1615			
Relinquished by:		Received by:		Date/Time:			
Relinquished by:		Received by:		Date/Time:			



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-108916-1

Login Number: 108916

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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

ATTACHMENT H-3
AREA B 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: 480-96575-1

Client Project/Site: Buffalo Color Area B Wells

Sampling Event: 37745-Buffalo Color Area B Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Andrew Madden



Authorized for release by:

3/23/2016 10:55:54 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

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www.testamericainc.com

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

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

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

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Definitions/Glossary

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

TestAmerica Job ID: 480-96575-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery is outside acceptance limits.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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 B Wells

TestAmerica Job ID: 480-96575-1

Job ID: 480-96575-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-96575-1

Comments

No additional comments.

Receipt

The samples were received on 3/15/2016 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-291388 recovered above the upper control limit for 2-Hexanone, trans-1,3-Dichloropropene, 1,1,2,2-Tetrachloroethane and 4-Methyl-2-pentanone (MIBK). 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 B RFI-18-0316 (480-96575-1), BCC Area B RFI-30-0316 (480-96575-4), BCC Area B RFI-30-D-0316 (480-96575-5) and TRIP BLANK (480-96575-6).

Method(s) 8260C: The laboratory control sample (LCS) for batch analytical batch 480-291388 recovered outside control limits for the following analytes: 2-Hexanone and 1,1,2,2-Tetrachloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27-0316 (480-96575-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-28-0316 (480-96575-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-291470 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area B RFI-27-0316 (480-96575-2) and BCC Area B RFI-28-0316 (480-96575-3).

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-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area B RFI-18-0316 (480-96575-1), BCC Area B RFI-27-0316 (480-96575-2), BCC Area B RFI-28-0316 (480-96575-3), BCC Area B RFI-30-0316 (480-96575-4), BCC Area B RFI-30-MS-0316 (480-96575-4[MS]), BCC Area B RFI-30-MSD-0316 (480-96575-4[MSD]) and BCC Area B RFI-30-D-0316 (480-96575-5). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-291981 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: BCC Area B RFI-18-0316 (480-96575-1), BCC Area B RFI-27-0316 (480-96575-2), BCC Area B RFI-28-0316 (480-96575-3), BCC Area B RFI-30-0316 (480-96575-4), BCC Area B RFI-30-MS-0316 (480-96575-4[MS]), BCC Area B RFI-30-MSD-0316 (480-96575-4[MSD]) and BCC Area B RFI-30-D-0316 (480-96575-5).

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 480-291981 was outside the method criteria for the following analytes: 4-Nitroaniline and Pentachlorophenol. 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 is considered estimated.

Method(s) 8270D: The laboratory control sample (LCS) for batch preparation batch 480-291243 and analytical batch 480-291981 recovered outside control limits for the following analytes: Benzaldehyde. This analyte was biased high in the LCS and were not detected in the associated samples above the reporting limit (RL); therefore, the data have been reported.

Case Narrative

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

TestAmerica Job ID: 480-96575-1

Job ID: 480-96575-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

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.

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Detection Summary

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-18-0316

Lab Sample ID: 480-96575-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	3.5	J	9.4	0.57	ug/L	1		8270D	Total/NA
Benzaldehyde	0.64	J B *	4.7	0.25	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.46	J B	4.7	0.39	ug/L	1		8270D	Total/NA
Arsenic	0.017		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.070		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	1010		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0045		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.011		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	9.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0096	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	348		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.023		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.6	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1210		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0033	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-27-0316

Lab Sample ID: 480-96575-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	520		8.0	2.9	ug/L	8		8260C	Total/NA
Trichloroethene	44		8.0	3.7	ug/L	8		8260C	Total/NA
4-Methylphenol	0.37	J	9.4	0.34	ug/L	1		8270D	Total/NA
Benzaldehyde	0.48	J B *	4.7	0.25	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.46	J B	4.7	0.40	ug/L	1		8270D	Total/NA
Di-n-octyl phthalate	0.59	J	4.7	0.44	ug/L	1		8270D	Total/NA
Phenol	0.84	J	4.7	0.37	ug/L	1		8270D	Total/NA
Antimony	0.0073	J	0.020	0.0068	mg/L	1		6010C	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	217		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.79		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.010		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.014		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	4.4		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0049	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	94.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.27		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.92		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.3	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	297		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0024	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0065	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28-0316

Lab Sample ID: 480-96575-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Chloroaniline	3.0	J	4.7	0.56	ug/L	1		8270D	Total/NA
Aniline	3.7	J	9.5	0.58	ug/L	1		8270D	Total/NA
Benzaldehyde	0.59	J B *	4.7	0.25	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.44	J B	4.7	0.40	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 B Wells

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-28-0316 (Continued)

Lab Sample ID: 480-96575-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.041		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.015		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	211		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.012		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.15		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0078	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	20.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.22		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0016	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.9	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	406		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.014		0.0050	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30-0316

Lab Sample ID: 480-96575-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.51	J B *	4.7	0.25	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.43	J B	4.7	0.40	ug/L	1		8270D	Total/NA
Di-n-octyl phthalate	0.59	J	4.7	0.45	ug/L	1		8270D	Total/NA
Arsenic	0.0076	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.028		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	263		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.38	F1	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	0.014		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.2		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0039	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	98.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.30		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.48		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.6	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	342		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	0.0093	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30-D-0316

Lab Sample ID: 480-96575-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.54	J B *	4.8	0.25	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.41	J B	4.8	0.40	ug/L	1		8270D	Total/NA
Arsenic	0.0070	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.027		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	259		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.36		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	0.014		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	95.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.29		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.46		0.010	0.0013	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-D-0316 (Continued)

Lab Sample ID: 480-96575-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1.5	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	334		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0016	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0088	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-96575-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2.3		1.0	0.75	ug/L	1		8260C	Total/NA

Client Sample ID: BCC Area B RFI-18F-0316

Lab Sample ID: 480-96575-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0090	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.069		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	1030		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.011		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	4.2		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	355		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.7		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.024		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.4	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1240		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0050	J	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 B Wells

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-18-0316

Lab Sample ID: 480-96575-1

Date Collected: 03/14/16 15:55

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/17/16 04:50	1
1,1,2,2-Tetrachloroethane	ND	*	1.0	0.21	ug/L			03/17/16 04:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/17/16 04:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/17/16 04:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/17/16 04:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/17/16 04:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/17/16 04:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/17/16 04:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/17/16 04:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/17/16 04:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/17/16 04:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/17/16 04:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/17/16 04:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/17/16 04:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/17/16 04:50	1
2-Hexanone	ND	*	5.0	1.2	ug/L			03/17/16 04:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/17/16 04:50	1
Acetone	ND		10	3.0	ug/L			03/17/16 04:50	1
Benzene	ND		1.0	0.41	ug/L			03/17/16 04:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/17/16 04:50	1
Bromoform	ND		1.0	0.26	ug/L			03/17/16 04:50	1
Bromomethane	ND		1.0	0.69	ug/L			03/17/16 04:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/17/16 04:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/17/16 04:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/17/16 04:50	1
Chloroethane	ND		1.0	0.32	ug/L			03/17/16 04:50	1
Chloroform	ND		1.0	0.34	ug/L			03/17/16 04:50	1
Chloromethane	ND		1.0	0.35	ug/L			03/17/16 04:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/17/16 04:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/17/16 04:50	1
Cyclohexane	ND		1.0	0.18	ug/L			03/17/16 04:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/17/16 04:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/17/16 04:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/17/16 04:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/17/16 04:50	1
Methyl acetate	ND		2.5	1.3	ug/L			03/17/16 04:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/17/16 04:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/17/16 04:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/17/16 04:50	1
Styrene	ND		1.0	0.73	ug/L			03/17/16 04:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/17/16 04:50	1
Toluene	ND		1.0	0.51	ug/L			03/17/16 04:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/17/16 04:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/17/16 04:50	1
Trichloroethene	ND		1.0	0.46	ug/L			03/17/16 04:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/17/16 04:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/17/16 04:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/17/16 04:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-18-0316

Lab Sample ID: 480-96575-1

Date Collected: 03/14/16 15:55

Matrix: Ground Water

Date Received: 03/15/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		03/17/16 04:50	1
4-Bromofluorobenzene (Surr)	92		73 - 120		03/17/16 04:50	1
Toluene-d8 (Surr)	106		71 - 126		03/17/16 04:50	1
Dibromofluoromethane (Surr)	84		60 - 140		03/17/16 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/16/16 08:14	03/21/16 15:14	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		03/16/16 08:14	03/21/16 15:14	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 15:14	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/16/16 08:14	03/21/16 15:14	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/16/16 08:14	03/21/16 15:14	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 15:14	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:14	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 15:14	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/16/16 08:14	03/21/16 15:14	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 15:14	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:14	1
2-Nitroaniline	ND		9.4	0.39	ug/L		03/16/16 08:14	03/21/16 15:14	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/16/16 08:14	03/21/16 15:14	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:14	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/16/16 08:14	03/21/16 15:14	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/16/16 08:14	03/21/16 15:14	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 15:14	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 15:14	1
4-Chloroaniline	ND		4.7	0.55	ug/L		03/16/16 08:14	03/21/16 15:14	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 15:14	1
4-Methylphenol	ND		9.4	0.34	ug/L		03/16/16 08:14	03/21/16 15:14	1
4-Nitroaniline	ND		9.4	0.23	ug/L		03/16/16 08:14	03/21/16 15:14	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/16/16 08:14	03/21/16 15:14	1
Acenaphthene	ND		4.7	0.39	ug/L		03/16/16 08:14	03/21/16 15:14	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/16/16 08:14	03/21/16 15:14	1
Acetophenone	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 15:14	1
Aniline	3.5	J	9.4	0.57	ug/L		03/16/16 08:14	03/21/16 15:14	1
Anthracene	ND		4.7	0.26	ug/L		03/16/16 08:14	03/21/16 15:14	1
Atrazine	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 15:14	1
Benzaldehyde	0.64	J B *	4.7	0.25	ug/L		03/16/16 08:14	03/21/16 15:14	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 15:14	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 15:14	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 15:14	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 15:14	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/16/16 08:14	03/21/16 15:14	1
Biphenyl	ND		4.7	0.61	ug/L		03/16/16 08:14	03/21/16 15:14	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/16/16 08:14	03/21/16 15:14	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 15:14	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:14	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/16/16 08:14	03/21/16 15:14	1
Butyl benzyl phthalate	0.46	J B	4.7	0.39	ug/L		03/16/16 08:14	03/21/16 15:14	1
Caprolactam	ND		4.7	2.1	ug/L		03/16/16 08:14	03/21/16 15:14	1
Carbazole	ND		4.7	0.28	ug/L		03/16/16 08:14	03/21/16 15:14	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-18-0316

Lab Sample ID: 480-96575-1

Date Collected: 03/14/16 15:55

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/16/16 08:14	03/21/16 15:14	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		03/16/16 08:14	03/21/16 15:14	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/16/16 08:14	03/21/16 15:14	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/16/16 08:14	03/21/16 15:14	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 15:14	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/16/16 08:14	03/21/16 15:14	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 15:14	1
Fluoranthene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:14	1
Fluorene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 15:14	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 15:14	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/16/16 08:14	03/21/16 15:14	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		03/16/16 08:14	03/21/16 15:14	1
Hexachloroethane	ND		4.7	0.55	ug/L		03/16/16 08:14	03/21/16 15:14	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 15:14	1
Isophorone	ND		4.7	0.40	ug/L		03/16/16 08:14	03/21/16 15:14	1
Naphthalene	ND		4.7	0.71	ug/L		03/16/16 08:14	03/21/16 15:14	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/16/16 08:14	03/21/16 15:14	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 15:14	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 15:14	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/16/16 08:14	03/21/16 15:14	1
Phenanthrene	ND		4.7	0.41	ug/L		03/16/16 08:14	03/21/16 15:14	1
Phenol	ND		4.7	0.37	ug/L		03/16/16 08:14	03/21/16 15:14	1
Pyrene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132	03/16/16 08:14	03/21/16 15:14	1
2-Fluorobiphenyl	56		48 - 120	03/16/16 08:14	03/21/16 15:14	1
2-Fluorophenol	40		20 - 120	03/16/16 08:14	03/21/16 15:14	1
Nitrobenzene-d5	59		46 - 120	03/16/16 08:14	03/21/16 15:14	1
Phenol-d5	28		16 - 120	03/16/16 08:14	03/21/16 15:14	1
p-Terphenyl-d14	62	X	67 - 150	03/16/16 08:14	03/21/16 15:14	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/16/16 08:30	03/16/16 20:28	1
Antimony	ND		0.020	0.0068	mg/L		03/16/16 08:30	03/16/16 20:28	1
Arsenic	0.017		0.015	0.0056	mg/L		03/16/16 08:30	03/16/16 20:28	1
Barium	0.070		0.0020	0.00070	mg/L		03/16/16 08:30	03/16/16 20:28	1
Beryllium	ND		0.0020	0.00030	mg/L		03/16/16 08:30	03/16/16 20:28	1
Cadmium	ND		0.0020	0.00050	mg/L		03/16/16 08:30	03/16/16 20:28	1
Calcium	1010		0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:28	1
Chromium	0.0045		0.0040	0.0010	mg/L		03/16/16 08:30	03/16/16 20:28	1
Cobalt	0.011		0.0040	0.00063	mg/L		03/16/16 08:30	03/16/16 20:28	1
Copper	ND		0.010	0.0016	mg/L		03/16/16 08:30	03/16/16 20:28	1
Iron	9.9		0.050	0.019	mg/L		03/16/16 08:30	03/16/16 20:28	1
Lead	0.0096	J	0.010	0.0030	mg/L		03/16/16 08:30	03/16/16 20:28	1
Magnesium	348		0.20	0.043	mg/L		03/16/16 08:30	03/16/16 20:28	1
Manganese	4.6		0.0030	0.00040	mg/L		03/16/16 08:30	03/16/16 20:28	1
Nickel	0.023		0.010	0.0013	mg/L		03/16/16 08:30	03/16/16 20:28	1
Potassium	2.6	B	0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:28	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-18-0316

Lab Sample ID: 480-96575-1

Date Collected: 03/14/16 15:55

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/16/16 08:30	03/16/16 20:28	1
Silver	ND		0.0060	0.0017	mg/L		03/16/16 08:30	03/16/16 20:28	1
Sodium	1210		1.0	0.32	mg/L		03/16/16 08:30	03/16/16 20:28	1
Thallium	ND		0.020	0.010	mg/L		03/16/16 08:30	03/16/16 20:28	1
Vanadium	ND		0.0050	0.0015	mg/L		03/16/16 08:30	03/16/16 20:28	1
Zinc	0.0033	J	0.010	0.0015	mg/L		03/16/16 08:30	03/16/16 20:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/16 09:25	03/16/16 13:39	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 B Wells

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-27-0316

Lab Sample ID: 480-96575-2

Date Collected: 03/14/16 12:50

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			03/17/16 15:00	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			03/17/16 15:00	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			03/17/16 15:00	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			03/17/16 15:00	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			03/17/16 15:00	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			03/17/16 15:00	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			03/17/16 15:00	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			03/17/16 15:00	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			03/17/16 15:00	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			03/17/16 15:00	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			03/17/16 15:00	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			03/17/16 15:00	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			03/17/16 15:00	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			03/17/16 15:00	8
2-Butanone (MEK)	ND		80	11	ug/L			03/17/16 15:00	8
2-Hexanone	ND		40	9.9	ug/L			03/17/16 15:00	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			03/17/16 15:00	8
Acetone	ND		80	24	ug/L			03/17/16 15:00	8
Benzene	ND		8.0	3.3	ug/L			03/17/16 15:00	8
Bromodichloromethane	ND		8.0	3.1	ug/L			03/17/16 15:00	8
Bromoform	ND		8.0	2.1	ug/L			03/17/16 15:00	8
Bromomethane	ND		8.0	5.5	ug/L			03/17/16 15:00	8
Carbon disulfide	ND		8.0	1.5	ug/L			03/17/16 15:00	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			03/17/16 15:00	8
Chlorobenzene	ND		8.0	6.0	ug/L			03/17/16 15:00	8
Chloroethane	ND		8.0	2.6	ug/L			03/17/16 15:00	8
Chloroform	ND		8.0	2.7	ug/L			03/17/16 15:00	8
Chloromethane	ND		8.0	2.8	ug/L			03/17/16 15:00	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			03/17/16 15:00	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			03/17/16 15:00	8
Cyclohexane	ND		8.0	1.4	ug/L			03/17/16 15:00	8
Dibromochloromethane	ND		8.0	2.6	ug/L			03/17/16 15:00	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/17/16 15:00	8
Ethylbenzene	ND		8.0	5.9	ug/L			03/17/16 15:00	8
Isopropylbenzene	ND		8.0	6.3	ug/L			03/17/16 15:00	8
Methyl acetate	ND		20	10	ug/L			03/17/16 15:00	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			03/17/16 15:00	8
Methylcyclohexane	ND		8.0	1.3	ug/L			03/17/16 15:00	8
Methylene Chloride	ND		8.0	3.5	ug/L			03/17/16 15:00	8
Styrene	ND		8.0	5.8	ug/L			03/17/16 15:00	8
Tetrachloroethene	520		8.0	2.9	ug/L			03/17/16 15:00	8
Toluene	ND		8.0	4.1	ug/L			03/17/16 15:00	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			03/17/16 15:00	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			03/17/16 15:00	8
Trichloroethene	44		8.0	3.7	ug/L			03/17/16 15:00	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			03/17/16 15:00	8
Vinyl chloride	ND		8.0	7.2	ug/L			03/17/16 15:00	8
Xylenes, Total	ND		16	5.3	ug/L			03/17/16 15:00	8

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-27-0316

Lab Sample ID: 480-96575-2

Date Collected: 03/14/16 12:50

Matrix: Ground Water

Date Received: 03/15/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/17/16 15:00	8
4-Bromofluorobenzene (Surr)	102		73 - 120		03/17/16 15:00	8
Toluene-d8 (Surr)	99		71 - 126		03/17/16 15:00	8
Dibromofluoromethane (Surr)	113		60 - 140		03/17/16 15:00	8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/16/16 08:14	03/21/16 15:44	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/16/16 08:14	03/21/16 15:44	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 15:44	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/16/16 08:14	03/21/16 15:44	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		03/16/16 08:14	03/21/16 15:44	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 15:44	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:44	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 15:44	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/16/16 08:14	03/21/16 15:44	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/16/16 08:14	03/21/16 15:44	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:44	1
2-Nitroaniline	ND		9.4	0.40	ug/L		03/16/16 08:14	03/21/16 15:44	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/16/16 08:14	03/21/16 15:44	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:44	1
3-Nitroaniline	ND		9.4	0.45	ug/L		03/16/16 08:14	03/21/16 15:44	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		03/16/16 08:14	03/21/16 15:44	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 15:44	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 15:44	1
4-Chloroaniline	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 15:44	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 15:44	1
4-Methylphenol	0.37	J	9.4	0.34	ug/L		03/16/16 08:14	03/21/16 15:44	1
4-Nitroaniline	ND		9.4	0.24	ug/L		03/16/16 08:14	03/21/16 15:44	1
4-Nitrophenol	ND		9.4	1.4	ug/L		03/16/16 08:14	03/21/16 15:44	1
Acenaphthene	ND		4.7	0.39	ug/L		03/16/16 08:14	03/21/16 15:44	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/16/16 08:14	03/21/16 15:44	1
Acetophenone	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 15:44	1
Aniline	ND		9.4	0.58	ug/L		03/16/16 08:14	03/21/16 15:44	1
Anthracene	ND		4.7	0.26	ug/L		03/16/16 08:14	03/21/16 15:44	1
Atrazine	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 15:44	1
Benzaldehyde	0.48	J B *	4.7	0.25	ug/L		03/16/16 08:14	03/21/16 15:44	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 15:44	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 15:44	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 15:44	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 15:44	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/16/16 08:14	03/21/16 15:44	1
Biphenyl	ND		4.7	0.62	ug/L		03/16/16 08:14	03/21/16 15:44	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/16/16 08:14	03/21/16 15:44	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 15:44	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:44	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/16/16 08:14	03/21/16 15:44	1
Butyl benzyl phthalate	0.46	J B	4.7	0.40	ug/L		03/16/16 08:14	03/21/16 15:44	1
Caprolactam	ND		4.7	2.1	ug/L		03/16/16 08:14	03/21/16 15:44	1
Carbazole	ND		4.7	0.28	ug/L		03/16/16 08:14	03/21/16 15:44	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-27-0316

Lab Sample ID: 480-96575-2

Date Collected: 03/14/16 12:50

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/16/16 08:14	03/21/16 15:44	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		03/16/16 08:14	03/21/16 15:44	1
Dibenzofuran	ND		9.4	0.48	ug/L		03/16/16 08:14	03/21/16 15:44	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/16/16 08:14	03/21/16 15:44	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 15:44	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/16/16 08:14	03/21/16 15:44	1
Di-n-octyl phthalate	0.59	J	4.7	0.44	ug/L		03/16/16 08:14	03/21/16 15:44	1
Fluoranthene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 15:44	1
Fluorene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 15:44	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 15:44	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/16/16 08:14	03/21/16 15:44	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 15:44	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 15:44	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 15:44	1
Isophorone	ND		4.7	0.41	ug/L		03/16/16 08:14	03/21/16 15:44	1
Naphthalene	ND		4.7	0.72	ug/L		03/16/16 08:14	03/21/16 15:44	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/16/16 08:14	03/21/16 15:44	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 15:44	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 15:44	1
Pentachlorophenol	ND		9.4	2.1	ug/L		03/16/16 08:14	03/21/16 15:44	1
Phenanthrene	ND		4.7	0.41	ug/L		03/16/16 08:14	03/21/16 15:44	1
Phenol	0.84	J	4.7	0.37	ug/L		03/16/16 08:14	03/21/16 15:44	1
Pyrene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		52 - 132	03/16/16 08:14	03/21/16 15:44	1
2-Fluorobiphenyl	53		48 - 120	03/16/16 08:14	03/21/16 15:44	1
2-Fluorophenol	39		20 - 120	03/16/16 08:14	03/21/16 15:44	1
Nitrobenzene-d5	61		46 - 120	03/16/16 08:14	03/21/16 15:44	1
Phenol-d5	26		16 - 120	03/16/16 08:14	03/21/16 15:44	1
p-Terphenyl-d14	62	X	67 - 150	03/16/16 08:14	03/21/16 15:44	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/16/16 08:30	03/16/16 20:32	1
Antimony	0.0073	J	0.020	0.0068	mg/L		03/16/16 08:30	03/16/16 20:32	1
Arsenic	ND		0.015	0.0056	mg/L		03/16/16 08:30	03/16/16 20:32	1
Barium	0.031		0.0020	0.00070	mg/L		03/16/16 08:30	03/16/16 20:32	1
Beryllium	ND		0.0020	0.00030	mg/L		03/16/16 08:30	03/16/16 20:32	1
Cadmium	ND		0.0020	0.00050	mg/L		03/16/16 08:30	03/16/16 20:32	1
Calcium	217		0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:32	1
Chromium	0.79		0.0040	0.0010	mg/L		03/16/16 08:30	03/16/16 20:32	1
Cobalt	0.010		0.0040	0.00063	mg/L		03/16/16 08:30	03/16/16 20:32	1
Copper	0.014		0.010	0.0016	mg/L		03/16/16 08:30	03/16/16 20:32	1
Iron	4.4		0.050	0.019	mg/L		03/16/16 08:30	03/16/16 20:32	1
Lead	0.0049	J	0.010	0.0030	mg/L		03/16/16 08:30	03/16/16 20:32	1
Magnesium	94.6		0.20	0.043	mg/L		03/16/16 08:30	03/16/16 20:32	1
Manganese	0.27		0.0030	0.00040	mg/L		03/16/16 08:30	03/16/16 20:32	1
Nickel	0.92		0.010	0.0013	mg/L		03/16/16 08:30	03/16/16 20:32	1
Potassium	2.3	B	0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:32	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-27-0316

Lab Sample ID: 480-96575-2

Date Collected: 03/14/16 12:50

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/16/16 08:30	03/16/16 20:32	1
Silver	ND		0.0060	0.0017	mg/L		03/16/16 08:30	03/16/16 20:32	1
Sodium	297		1.0	0.32	mg/L		03/16/16 08:30	03/16/16 20:32	1
Thallium	ND		0.020	0.010	mg/L		03/16/16 08:30	03/16/16 20:32	1
Vanadium	0.0024	J	0.0050	0.0015	mg/L		03/16/16 08:30	03/16/16 20:32	1
Zinc	0.0065	J	0.010	0.0015	mg/L		03/16/16 08:30	03/16/16 20:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/16 09:25	03/16/16 13:42	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 B Wells

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-28-0316

Lab Sample ID: 480-96575-3

Date Collected: 03/14/16 13:30

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			03/17/16 15:25	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			03/17/16 15:25	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			03/17/16 15:25	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			03/17/16 15:25	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			03/17/16 15:25	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			03/17/16 15:25	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			03/17/16 15:25	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			03/17/16 15:25	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			03/17/16 15:25	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			03/17/16 15:25	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			03/17/16 15:25	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			03/17/16 15:25	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			03/17/16 15:25	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			03/17/16 15:25	2
2-Butanone (MEK)	ND		20	2.6	ug/L			03/17/16 15:25	2
2-Hexanone	ND		10	2.5	ug/L			03/17/16 15:25	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			03/17/16 15:25	2
Acetone	ND		20	6.0	ug/L			03/17/16 15:25	2
Benzene	ND		2.0	0.82	ug/L			03/17/16 15:25	2
Bromodichloromethane	ND		2.0	0.78	ug/L			03/17/16 15:25	2
Bromoform	ND		2.0	0.52	ug/L			03/17/16 15:25	2
Bromomethane	ND		2.0	1.4	ug/L			03/17/16 15:25	2
Carbon disulfide	ND		2.0	0.38	ug/L			03/17/16 15:25	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			03/17/16 15:25	2
Chlorobenzene	ND		2.0	1.5	ug/L			03/17/16 15:25	2
Chloroethane	ND		2.0	0.64	ug/L			03/17/16 15:25	2
Chloroform	ND		2.0	0.68	ug/L			03/17/16 15:25	2
Chloromethane	ND		2.0	0.70	ug/L			03/17/16 15:25	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			03/17/16 15:25	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			03/17/16 15:25	2
Cyclohexane	ND		2.0	0.36	ug/L			03/17/16 15:25	2
Dibromochloromethane	ND		2.0	0.64	ug/L			03/17/16 15:25	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			03/17/16 15:25	2
Ethylbenzene	ND		2.0	1.5	ug/L			03/17/16 15:25	2
Isopropylbenzene	ND		2.0	1.6	ug/L			03/17/16 15:25	2
Methyl acetate	ND		5.0	2.6	ug/L			03/17/16 15:25	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			03/17/16 15:25	2
Methylcyclohexane	ND		2.0	0.32	ug/L			03/17/16 15:25	2
Methylene Chloride	ND		2.0	0.88	ug/L			03/17/16 15:25	2
Styrene	ND		2.0	1.5	ug/L			03/17/16 15:25	2
Tetrachloroethene	ND		2.0	0.72	ug/L			03/17/16 15:25	2
Toluene	ND		2.0	1.0	ug/L			03/17/16 15:25	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			03/17/16 15:25	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			03/17/16 15:25	2
Trichloroethene	ND		2.0	0.92	ug/L			03/17/16 15:25	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			03/17/16 15:25	2
Vinyl chloride	ND		2.0	1.8	ug/L			03/17/16 15:25	2
Xylenes, Total	ND		4.0	1.3	ug/L			03/17/16 15:25	2

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-28-0316

Lab Sample ID: 480-96575-3

Date Collected: 03/14/16 13:30

Matrix: Ground Water

Date Received: 03/15/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/17/16 15:25	2
4-Bromofluorobenzene (Surr)	102		73 - 120		03/17/16 15:25	2
Toluene-d8 (Surr)	100		71 - 126		03/17/16 15:25	2
Dibromofluoromethane (Surr)	112		60 - 140		03/17/16 15:25	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		03/16/16 08:14	03/21/16 16:14	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/16/16 08:14	03/21/16 16:14	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 16:14	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/16/16 08:14	03/21/16 16:14	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 16:14	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 16:14	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:14	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 16:14	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/16/16 08:14	03/21/16 16:14	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/16/16 08:14	03/21/16 16:14	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:14	1
2-Nitroaniline	ND		9.5	0.40	ug/L		03/16/16 08:14	03/21/16 16:14	1
2-Nitrophenol	ND		4.7	0.45	ug/L		03/16/16 08:14	03/21/16 16:14	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:14	1
3-Nitroaniline	ND		9.5	0.45	ug/L		03/16/16 08:14	03/21/16 16:14	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 16:14	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 16:14	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 16:14	1
4-Chloroaniline	3.0	J	4.7	0.56	ug/L		03/16/16 08:14	03/21/16 16:14	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 16:14	1
4-Methylphenol	ND		9.5	0.34	ug/L		03/16/16 08:14	03/21/16 16:14	1
4-Nitroaniline	ND		9.5	0.24	ug/L		03/16/16 08:14	03/21/16 16:14	1
4-Nitrophenol	ND		9.5	1.4	ug/L		03/16/16 08:14	03/21/16 16:14	1
Acenaphthene	ND		4.7	0.39	ug/L		03/16/16 08:14	03/21/16 16:14	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/16/16 08:14	03/21/16 16:14	1
Acetophenone	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 16:14	1
Aniline	3.7	J	9.5	0.58	ug/L		03/16/16 08:14	03/21/16 16:14	1
Anthracene	ND		4.7	0.26	ug/L		03/16/16 08:14	03/21/16 16:14	1
Atrazine	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 16:14	1
Benzaldehyde	0.59	J B *	4.7	0.25	ug/L		03/16/16 08:14	03/21/16 16:14	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 16:14	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 16:14	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 16:14	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 16:14	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/16/16 08:14	03/21/16 16:14	1
Biphenyl	ND		4.7	0.62	ug/L		03/16/16 08:14	03/21/16 16:14	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/16/16 08:14	03/21/16 16:14	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 16:14	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:14	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/16/16 08:14	03/21/16 16:14	1
Butyl benzyl phthalate	0.44	J B	4.7	0.40	ug/L		03/16/16 08:14	03/21/16 16:14	1
Caprolactam	ND		4.7	2.1	ug/L		03/16/16 08:14	03/21/16 16:14	1
Carbazole	ND		4.7	0.28	ug/L		03/16/16 08:14	03/21/16 16:14	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-28-0316

Lab Sample ID: 480-96575-3

Date Collected: 03/14/16 13:30

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/16/16 08:14	03/21/16 16:14	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		03/16/16 08:14	03/21/16 16:14	1
Dibenzofuran	ND		9.5	0.48	ug/L		03/16/16 08:14	03/21/16 16:14	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/16/16 08:14	03/21/16 16:14	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 16:14	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/16/16 08:14	03/21/16 16:14	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 16:14	1
Fluoranthene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:14	1
Fluorene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 16:14	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 16:14	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/16/16 08:14	03/21/16 16:14	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 16:14	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 16:14	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 16:14	1
Isophorone	ND		4.7	0.41	ug/L		03/16/16 08:14	03/21/16 16:14	1
Naphthalene	ND		4.7	0.72	ug/L		03/16/16 08:14	03/21/16 16:14	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/16/16 08:14	03/21/16 16:14	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 16:14	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 16:14	1
Pentachlorophenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 16:14	1
Phenanthrene	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 16:14	1
Phenol	ND		4.7	0.37	ug/L		03/16/16 08:14	03/21/16 16:14	1
Pyrene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		52 - 132	03/16/16 08:14	03/21/16 16:14	1
2-Fluorobiphenyl	58		48 - 120	03/16/16 08:14	03/21/16 16:14	1
2-Fluorophenol	41		20 - 120	03/16/16 08:14	03/21/16 16:14	1
Nitrobenzene-d5	63		46 - 120	03/16/16 08:14	03/21/16 16:14	1
Phenol-d5	27		16 - 120	03/16/16 08:14	03/21/16 16:14	1
p-Terphenyl-d14	58	X	67 - 150	03/16/16 08:14	03/21/16 16:14	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/16/16 08:30	03/16/16 20:35	1
Antimony	ND		0.020	0.0068	mg/L		03/16/16 08:30	03/16/16 20:35	1
Arsenic	0.041		0.015	0.0056	mg/L		03/16/16 08:30	03/16/16 20:35	1
Barium	0.015		0.0020	0.00070	mg/L		03/16/16 08:30	03/16/16 20:35	1
Beryllium	ND		0.0020	0.00030	mg/L		03/16/16 08:30	03/16/16 20:35	1
Cadmium	ND		0.0020	0.00050	mg/L		03/16/16 08:30	03/16/16 20:35	1
Calcium	211		0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:35	1
Chromium	0.012		0.0040	0.0010	mg/L		03/16/16 08:30	03/16/16 20:35	1
Cobalt	ND		0.0040	0.00063	mg/L		03/16/16 08:30	03/16/16 20:35	1
Copper	ND		0.010	0.0016	mg/L		03/16/16 08:30	03/16/16 20:35	1
Iron	0.15		0.050	0.019	mg/L		03/16/16 08:30	03/16/16 20:35	1
Lead	0.0078	J	0.010	0.0030	mg/L		03/16/16 08:30	03/16/16 20:35	1
Magnesium	20.0		0.20	0.043	mg/L		03/16/16 08:30	03/16/16 20:35	1
Manganese	0.22		0.0030	0.00040	mg/L		03/16/16 08:30	03/16/16 20:35	1
Nickel	0.0016	J	0.010	0.0013	mg/L		03/16/16 08:30	03/16/16 20:35	1
Potassium	6.9	B	0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:35	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-28-0316

Lab Sample ID: 480-96575-3

Date Collected: 03/14/16 13:30

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/16/16 08:30	03/16/16 20:35	1
Silver	ND		0.0060	0.0017	mg/L		03/16/16 08:30	03/16/16 20:35	1
Sodium	406		1.0	0.32	mg/L		03/16/16 08:30	03/16/16 20:35	1
Thallium	ND		0.020	0.010	mg/L		03/16/16 08:30	03/16/16 20:35	1
Vanadium	0.014		0.0050	0.0015	mg/L		03/16/16 08:30	03/16/16 20:35	1
Zinc	ND		0.010	0.0015	mg/L		03/16/16 08:30	03/16/16 20:35	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/16 09:25	03/16/16 13:43	1

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Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-0316

Lab Sample ID: 480-96575-4

Date Collected: 03/14/16 14:10

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/17/16 06:02	1
1,1,2,2-Tetrachloroethane	ND	F1 *	1.0	0.21	ug/L			03/17/16 06:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/17/16 06:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/17/16 06:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/17/16 06:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/17/16 06:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/17/16 06:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/17/16 06:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/17/16 06:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/17/16 06:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/17/16 06:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/17/16 06:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/17/16 06:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/17/16 06:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/17/16 06:02	1
2-Hexanone	ND	F1 *	5.0	1.2	ug/L			03/17/16 06:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/17/16 06:02	1
Acetone	ND		10	3.0	ug/L			03/17/16 06:02	1
Benzene	ND		1.0	0.41	ug/L			03/17/16 06:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/17/16 06:02	1
Bromoform	ND		1.0	0.26	ug/L			03/17/16 06:02	1
Bromomethane	ND		1.0	0.69	ug/L			03/17/16 06:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/17/16 06:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/17/16 06:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/17/16 06:02	1
Chloroethane	ND		1.0	0.32	ug/L			03/17/16 06:02	1
Chloroform	ND		1.0	0.34	ug/L			03/17/16 06:02	1
Chloromethane	ND		1.0	0.35	ug/L			03/17/16 06:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/17/16 06:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/17/16 06:02	1
Cyclohexane	ND		1.0	0.18	ug/L			03/17/16 06:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/17/16 06:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/17/16 06:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/17/16 06:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/17/16 06:02	1
Methyl acetate	ND		2.5	1.3	ug/L			03/17/16 06:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/17/16 06:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/17/16 06:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/17/16 06:02	1
Styrene	ND		1.0	0.73	ug/L			03/17/16 06:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/17/16 06:02	1
Toluene	ND		1.0	0.51	ug/L			03/17/16 06:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/17/16 06:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/17/16 06:02	1
Trichloroethene	ND		1.0	0.46	ug/L			03/17/16 06:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/17/16 06:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/17/16 06:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/17/16 06:02	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-0316

Lab Sample ID: 480-96575-4

Date Collected: 03/14/16 14:10

Matrix: Ground Water

Date Received: 03/15/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/17/16 06:02	1
4-Bromofluorobenzene (Surr)	91		73 - 120		03/17/16 06:02	1
Toluene-d8 (Surr)	105		71 - 126		03/17/16 06:02	1
Dibromofluoromethane (Surr)	86		60 - 140		03/17/16 06:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.46	ug/L		03/16/16 08:14	03/21/16 16:43	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		03/16/16 08:14	03/21/16 16:43	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 16:43	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		03/16/16 08:14	03/21/16 16:43	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 16:43	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 16:43	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:43	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 16:43	1
2-Chlorophenol	ND		4.7	0.50	ug/L		03/16/16 08:14	03/21/16 16:43	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		03/16/16 08:14	03/21/16 16:43	1
2-Methylphenol	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:43	1
2-Nitroaniline	ND		9.5	0.40	ug/L		03/16/16 08:14	03/21/16 16:43	1
2-Nitrophenol	ND		4.7	0.46	ug/L		03/16/16 08:14	03/21/16 16:43	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:43	1
3-Nitroaniline	ND		9.5	0.46	ug/L		03/16/16 08:14	03/21/16 16:43	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 16:43	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 16:43	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		03/16/16 08:14	03/21/16 16:43	1
4-Chloroaniline	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 16:43	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 16:43	1
4-Methylphenol	ND		9.5	0.34	ug/L		03/16/16 08:14	03/21/16 16:43	1
4-Nitroaniline	ND		9.5	0.24	ug/L		03/16/16 08:14	03/21/16 16:43	1
4-Nitrophenol	ND		9.5	1.4	ug/L		03/16/16 08:14	03/21/16 16:43	1
Acenaphthene	ND		4.7	0.39	ug/L		03/16/16 08:14	03/21/16 16:43	1
Acenaphthylene	ND		4.7	0.36	ug/L		03/16/16 08:14	03/21/16 16:43	1
Acetophenone	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 16:43	1
Aniline	ND		9.5	0.58	ug/L		03/16/16 08:14	03/21/16 16:43	1
Anthracene	ND		4.7	0.27	ug/L		03/16/16 08:14	03/21/16 16:43	1
Atrazine	ND		4.7	0.44	ug/L		03/16/16 08:14	03/21/16 16:43	1
Benzaldehyde	0.51	J B *	4.7	0.25	ug/L		03/16/16 08:14	03/21/16 16:43	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 16:43	1
Benzo(a)pyrene	ND	F1	4.7	0.45	ug/L		03/16/16 08:14	03/21/16 16:43	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 16:43	1
Benzo(g,h,i)perylene	ND	F1	4.7	0.33	ug/L		03/16/16 08:14	03/21/16 16:43	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		03/16/16 08:14	03/21/16 16:43	1
Biphenyl	ND		4.7	0.62	ug/L		03/16/16 08:14	03/21/16 16:43	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		03/16/16 08:14	03/21/16 16:43	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		03/16/16 08:14	03/21/16 16:43	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:43	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		03/16/16 08:14	03/21/16 16:43	1
Butyl benzyl phthalate	0.43	J B	4.7	0.40	ug/L		03/16/16 08:14	03/21/16 16:43	1
Caprolactam	ND		4.7	2.1	ug/L		03/16/16 08:14	03/21/16 16:43	1
Carbazole	ND		4.7	0.28	ug/L		03/16/16 08:14	03/21/16 16:43	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-0316

Lab Sample ID: 480-96575-4

Date Collected: 03/14/16 14:10

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		03/16/16 08:14	03/21/16 16:43	1
Dibenz(a,h)anthracene	ND	F1	4.7	0.40	ug/L		03/16/16 08:14	03/21/16 16:43	1
Dibenzofuran	ND		9.5	0.48	ug/L		03/16/16 08:14	03/21/16 16:43	1
Diethyl phthalate	ND		4.7	0.21	ug/L		03/16/16 08:14	03/21/16 16:43	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 16:43	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		03/16/16 08:14	03/21/16 16:43	1
Di-n-octyl phthalate	0.59	J	4.7	0.45	ug/L		03/16/16 08:14	03/21/16 16:43	1
Fluoranthene	ND		4.7	0.38	ug/L		03/16/16 08:14	03/21/16 16:43	1
Fluorene	ND		4.7	0.34	ug/L		03/16/16 08:14	03/21/16 16:43	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 16:43	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		03/16/16 08:14	03/21/16 16:43	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 16:43	1
Hexachloroethane	ND		4.7	0.56	ug/L		03/16/16 08:14	03/21/16 16:43	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.7	0.45	ug/L		03/16/16 08:14	03/21/16 16:43	1
Isophorone	ND		4.7	0.41	ug/L		03/16/16 08:14	03/21/16 16:43	1
Naphthalene	ND		4.7	0.72	ug/L		03/16/16 08:14	03/21/16 16:43	1
Nitrobenzene	ND		4.7	0.27	ug/L		03/16/16 08:14	03/21/16 16:43	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		03/16/16 08:14	03/21/16 16:43	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		03/16/16 08:14	03/21/16 16:43	1
Pentachlorophenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 16:43	1
Phenanthrene	ND		4.7	0.42	ug/L		03/16/16 08:14	03/21/16 16:43	1
Phenol	ND		4.7	0.37	ug/L		03/16/16 08:14	03/21/16 16:43	1
Pyrene	ND		4.7	0.32	ug/L		03/16/16 08:14	03/21/16 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	70		52 - 132	03/16/16 08:14	03/21/16 16:43	1
2-Fluorobiphenyl	57		48 - 120	03/16/16 08:14	03/21/16 16:43	1
2-Fluorophenol	41		20 - 120	03/16/16 08:14	03/21/16 16:43	1
Nitrobenzene-d5	62		46 - 120	03/16/16 08:14	03/21/16 16:43	1
Phenol-d5	27		16 - 120	03/16/16 08:14	03/21/16 16:43	1
p-Terphenyl-d14	59	X	67 - 150	03/16/16 08:14	03/21/16 16:43	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/16/16 08:30	03/16/16 20:38	1
Antimony	ND		0.020	0.0068	mg/L		03/16/16 08:30	03/16/16 20:38	1
Arsenic	0.0076	J	0.015	0.0056	mg/L		03/16/16 08:30	03/16/16 20:38	1
Barium	0.028		0.0020	0.00070	mg/L		03/16/16 08:30	03/16/16 20:38	1
Beryllium	ND		0.0020	0.00030	mg/L		03/16/16 08:30	03/16/16 20:38	1
Cadmium	ND		0.0020	0.00050	mg/L		03/16/16 08:30	03/16/16 20:38	1
Calcium	263		0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:38	1
Chromium	0.38	F1	0.0040	0.0010	mg/L		03/16/16 08:30	03/16/16 20:38	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		03/16/16 08:30	03/16/16 20:38	1
Copper	0.014		0.010	0.0016	mg/L		03/16/16 08:30	03/16/16 20:38	1
Iron	3.2		0.050	0.019	mg/L		03/16/16 08:30	03/16/16 20:38	1
Lead	0.0039	J	0.010	0.0030	mg/L		03/16/16 08:30	03/16/16 20:38	1
Magnesium	98.1		0.20	0.043	mg/L		03/16/16 08:30	03/16/16 20:38	1
Manganese	0.30		0.0030	0.00040	mg/L		03/16/16 08:30	03/16/16 20:38	1
Nickel	0.48		0.010	0.0013	mg/L		03/16/16 08:30	03/16/16 20:38	1
Potassium	1.6	B	0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:38	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-0316

Lab Sample ID: 480-96575-4

Date Collected: 03/14/16 14:10

Matrix: Ground Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/16/16 08:30	03/16/16 20:38	1
Silver	ND		0.0060	0.0017	mg/L		03/16/16 08:30	03/16/16 20:38	1
Sodium	342		1.0	0.32	mg/L		03/16/16 08:30	03/16/16 20:38	1
Thallium	ND		0.020	0.010	mg/L		03/16/16 08:30	03/16/16 20:38	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		03/16/16 08:30	03/16/16 20:38	1
Zinc	0.0093	J	0.010	0.0015	mg/L		03/16/16 08:30	03/16/16 20:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/16 09:25	03/16/16 13:45	1

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Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-D-0316

Lab Sample ID: 480-96575-5

Date Collected: 03/14/16 14:30

Matrix: Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/17/16 06:26	1
1,1,2,2-Tetrachloroethane	ND	*	1.0	0.21	ug/L			03/17/16 06:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/17/16 06:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/17/16 06:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/17/16 06:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/17/16 06:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/17/16 06:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/17/16 06:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/17/16 06:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/17/16 06:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/17/16 06:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/17/16 06:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/17/16 06:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/17/16 06:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/17/16 06:26	1
2-Hexanone	ND	*	5.0	1.2	ug/L			03/17/16 06:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/17/16 06:26	1
Acetone	ND		10	3.0	ug/L			03/17/16 06:26	1
Benzene	ND		1.0	0.41	ug/L			03/17/16 06:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/17/16 06:26	1
Bromoform	ND		1.0	0.26	ug/L			03/17/16 06:26	1
Bromomethane	ND		1.0	0.69	ug/L			03/17/16 06:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/17/16 06:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/17/16 06:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/17/16 06:26	1
Chloroethane	ND		1.0	0.32	ug/L			03/17/16 06:26	1
Chloroform	ND		1.0	0.34	ug/L			03/17/16 06:26	1
Chloromethane	ND		1.0	0.35	ug/L			03/17/16 06:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/17/16 06:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/17/16 06:26	1
Cyclohexane	ND		1.0	0.18	ug/L			03/17/16 06:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/17/16 06:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/17/16 06:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/17/16 06:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/17/16 06:26	1
Methyl acetate	ND		2.5	1.3	ug/L			03/17/16 06:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/17/16 06:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/17/16 06:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/17/16 06:26	1
Styrene	ND		1.0	0.73	ug/L			03/17/16 06:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/17/16 06:26	1
Toluene	ND		1.0	0.51	ug/L			03/17/16 06:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/17/16 06:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/17/16 06:26	1
Trichloroethene	ND		1.0	0.46	ug/L			03/17/16 06:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/17/16 06:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/17/16 06:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/17/16 06:26	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-D-0316

Lab Sample ID: 480-96575-5

Date Collected: 03/14/16 14:30

Matrix: Water

Date Received: 03/15/16 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/17/16 06:26	1
4-Bromofluorobenzene (Surr)	91		73 - 120		03/17/16 06:26	1
Toluene-d8 (Surr)	106		71 - 126		03/17/16 06:26	1
Dibromofluoromethane (Surr)	86		60 - 140		03/17/16 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		03/16/16 08:14	03/21/16 17:13	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		03/16/16 08:14	03/21/16 17:13	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		03/16/16 08:14	03/21/16 17:13	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		03/16/16 08:14	03/21/16 17:13	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 17:13	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		03/16/16 08:14	03/21/16 17:13	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		03/16/16 08:14	03/21/16 17:13	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		03/16/16 08:14	03/21/16 17:13	1
2-Chlorophenol	ND		4.8	0.50	ug/L		03/16/16 08:14	03/21/16 17:13	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		03/16/16 08:14	03/21/16 17:13	1
2-Methylphenol	ND		4.8	0.38	ug/L		03/16/16 08:14	03/21/16 17:13	1
2-Nitroaniline	ND		9.5	0.40	ug/L		03/16/16 08:14	03/21/16 17:13	1
2-Nitrophenol	ND		4.8	0.46	ug/L		03/16/16 08:14	03/21/16 17:13	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		03/16/16 08:14	03/21/16 17:13	1
3-Nitroaniline	ND		9.5	0.46	ug/L		03/16/16 08:14	03/21/16 17:13	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 17:13	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		03/16/16 08:14	03/21/16 17:13	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		03/16/16 08:14	03/21/16 17:13	1
4-Chloroaniline	ND		4.8	0.56	ug/L		03/16/16 08:14	03/21/16 17:13	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		03/16/16 08:14	03/21/16 17:13	1
4-Methylphenol	ND		9.5	0.34	ug/L		03/16/16 08:14	03/21/16 17:13	1
4-Nitroaniline	ND		9.5	0.24	ug/L		03/16/16 08:14	03/21/16 17:13	1
4-Nitrophenol	ND		9.5	1.4	ug/L		03/16/16 08:14	03/21/16 17:13	1
Acenaphthene	ND		4.8	0.39	ug/L		03/16/16 08:14	03/21/16 17:13	1
Acenaphthylene	ND		4.8	0.36	ug/L		03/16/16 08:14	03/21/16 17:13	1
Acetophenone	ND		4.8	0.51	ug/L		03/16/16 08:14	03/21/16 17:13	1
Aniline	ND		9.5	0.58	ug/L		03/16/16 08:14	03/21/16 17:13	1
Anthracene	ND		4.8	0.27	ug/L		03/16/16 08:14	03/21/16 17:13	1
Atrazine	ND		4.8	0.44	ug/L		03/16/16 08:14	03/21/16 17:13	1
Benzaldehyde	0.54	J B *	4.8	0.25	ug/L		03/16/16 08:14	03/21/16 17:13	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		03/16/16 08:14	03/21/16 17:13	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		03/16/16 08:14	03/21/16 17:13	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		03/16/16 08:14	03/21/16 17:13	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		03/16/16 08:14	03/21/16 17:13	1
Benzo(k)fluoranthene	ND		4.8	0.69	ug/L		03/16/16 08:14	03/21/16 17:13	1
Biphenyl	ND		4.8	0.62	ug/L		03/16/16 08:14	03/21/16 17:13	1
bis (2-chloroisopropyl) ether	ND		4.8	0.49	ug/L		03/16/16 08:14	03/21/16 17:13	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		03/16/16 08:14	03/21/16 17:13	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		03/16/16 08:14	03/21/16 17:13	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		03/16/16 08:14	03/21/16 17:13	1
Butyl benzyl phthalate	0.41	J B	4.8	0.40	ug/L		03/16/16 08:14	03/21/16 17:13	1
Caprolactam	ND		4.8	2.1	ug/L		03/16/16 08:14	03/21/16 17:13	1
Carbazole	ND		4.8	0.29	ug/L		03/16/16 08:14	03/21/16 17:13	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-D-0316

Lab Sample ID: 480-96575-5

Date Collected: 03/14/16 14:30

Matrix: Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.8	0.31	ug/L		03/16/16 08:14	03/21/16 17:13	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		03/16/16 08:14	03/21/16 17:13	1
Dibenzofuran	ND		9.5	0.49	ug/L		03/16/16 08:14	03/21/16 17:13	1
Diethyl phthalate	ND		4.8	0.21	ug/L		03/16/16 08:14	03/21/16 17:13	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		03/16/16 08:14	03/21/16 17:13	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		03/16/16 08:14	03/21/16 17:13	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		03/16/16 08:14	03/21/16 17:13	1
Fluoranthene	ND		4.8	0.38	ug/L		03/16/16 08:14	03/21/16 17:13	1
Fluorene	ND		4.8	0.34	ug/L		03/16/16 08:14	03/21/16 17:13	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		03/16/16 08:14	03/21/16 17:13	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		03/16/16 08:14	03/21/16 17:13	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		03/16/16 08:14	03/21/16 17:13	1
Hexachloroethane	ND		4.8	0.56	ug/L		03/16/16 08:14	03/21/16 17:13	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		03/16/16 08:14	03/21/16 17:13	1
Isophorone	ND		4.8	0.41	ug/L		03/16/16 08:14	03/21/16 17:13	1
Naphthalene	ND		4.8	0.72	ug/L		03/16/16 08:14	03/21/16 17:13	1
Nitrobenzene	ND		4.8	0.28	ug/L		03/16/16 08:14	03/21/16 17:13	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		03/16/16 08:14	03/21/16 17:13	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		03/16/16 08:14	03/21/16 17:13	1
Pentachlorophenol	ND		9.5	2.1	ug/L		03/16/16 08:14	03/21/16 17:13	1
Phenanthrene	ND		4.8	0.42	ug/L		03/16/16 08:14	03/21/16 17:13	1
Phenol	ND		4.8	0.37	ug/L		03/16/16 08:14	03/21/16 17:13	1
Pyrene	ND		4.8	0.32	ug/L		03/16/16 08:14	03/21/16 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		52 - 132	03/16/16 08:14	03/21/16 17:13	1
2-Fluorobiphenyl	53		48 - 120	03/16/16 08:14	03/21/16 17:13	1
2-Fluorophenol	39		20 - 120	03/16/16 08:14	03/21/16 17:13	1
Nitrobenzene-d5	59		46 - 120	03/16/16 08:14	03/21/16 17:13	1
Phenol-d5	26		16 - 120	03/16/16 08:14	03/21/16 17:13	1
p-Terphenyl-d14	58	X	67 - 150	03/16/16 08:14	03/21/16 17:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/16/16 08:30	03/16/16 21:04	1
Antimony	ND		0.020	0.0068	mg/L		03/16/16 08:30	03/16/16 21:04	1
Arsenic	0.0070	J	0.015	0.0056	mg/L		03/16/16 08:30	03/16/16 21:04	1
Barium	0.027		0.0020	0.00070	mg/L		03/16/16 08:30	03/16/16 21:04	1
Beryllium	ND		0.0020	0.00030	mg/L		03/16/16 08:30	03/16/16 21:04	1
Cadmium	ND		0.0020	0.00050	mg/L		03/16/16 08:30	03/16/16 21:04	1
Calcium	259		0.50	0.10	mg/L		03/16/16 08:30	03/16/16 21:04	1
Chromium	0.36		0.0040	0.0010	mg/L		03/16/16 08:30	03/16/16 21:04	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		03/16/16 08:30	03/16/16 21:04	1
Copper	0.014		0.010	0.0016	mg/L		03/16/16 08:30	03/16/16 21:04	1
Iron	3.3		0.050	0.019	mg/L		03/16/16 08:30	03/16/16 21:04	1
Lead	ND		0.010	0.0030	mg/L		03/16/16 08:30	03/16/16 21:04	1
Magnesium	95.6		0.20	0.043	mg/L		03/16/16 08:30	03/16/16 21:04	1
Manganese	0.29		0.0030	0.00040	mg/L		03/16/16 08:30	03/16/16 21:04	1
Nickel	0.46		0.010	0.0013	mg/L		03/16/16 08:30	03/16/16 21:04	1
Potassium	1.5	B	0.50	0.10	mg/L		03/16/16 08:30	03/16/16 21:04	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-D-0316

Lab Sample ID: 480-96575-5

Date Collected: 03/14/16 14:30

Matrix: Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/16/16 08:30	03/16/16 21:04	1
Silver	ND		0.0060	0.0017	mg/L		03/16/16 08:30	03/16/16 21:04	1
Sodium	334		1.0	0.32	mg/L		03/16/16 08:30	03/16/16 21:04	1
Thallium	ND		0.020	0.010	mg/L		03/16/16 08:30	03/16/16 21:04	1
Vanadium	0.0016	J	0.0050	0.0015	mg/L		03/16/16 08:30	03/16/16 21:04	1
Zinc	0.0088	J	0.010	0.0015	mg/L		03/16/16 08:30	03/16/16 21:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/16 09:25	03/16/16 13:52	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 B Wells

TestAmerica Job ID: 480-96575-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-96575-6

Date Collected: 03/14/16 00:00

Matrix: Water

Date Received: 03/15/16 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/17/16 06:49	1
1,1,2,2-Tetrachloroethane	ND	*	1.0	0.21	ug/L			03/17/16 06:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/17/16 06:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/17/16 06:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/17/16 06:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/17/16 06:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/17/16 06:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/17/16 06:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/17/16 06:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/17/16 06:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/17/16 06:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/17/16 06:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/17/16 06:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/17/16 06:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/17/16 06:49	1
2-Hexanone	ND	*	5.0	1.2	ug/L			03/17/16 06:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/17/16 06:49	1
Acetone	ND		10	3.0	ug/L			03/17/16 06:49	1
Benzene	ND		1.0	0.41	ug/L			03/17/16 06:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/17/16 06:49	1
Bromoform	ND		1.0	0.26	ug/L			03/17/16 06:49	1
Bromomethane	ND		1.0	0.69	ug/L			03/17/16 06:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/17/16 06:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/17/16 06:49	1
Chlorobenzene	2.3		1.0	0.75	ug/L			03/17/16 06:49	1
Chloroethane	ND		1.0	0.32	ug/L			03/17/16 06:49	1
Chloroform	ND		1.0	0.34	ug/L			03/17/16 06:49	1
Chloromethane	ND		1.0	0.35	ug/L			03/17/16 06:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/17/16 06:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/17/16 06:49	1
Cyclohexane	ND		1.0	0.18	ug/L			03/17/16 06:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/17/16 06:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/17/16 06:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/17/16 06:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/17/16 06:49	1
Methyl acetate	ND		2.5	1.3	ug/L			03/17/16 06:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/17/16 06:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/17/16 06:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/17/16 06:49	1
Styrene	ND		1.0	0.73	ug/L			03/17/16 06:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/17/16 06:49	1
Toluene	ND		1.0	0.51	ug/L			03/17/16 06:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/17/16 06:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/17/16 06:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/17/16 06:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/17/16 06:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/17/16 06:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/17/16 06:49	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: TRIP BLANK

Date Collected: 03/14/16 00:00

Date Received: 03/15/16 15:15

Lab Sample ID: 480-96575-6

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		03/17/16 06:49	1
4-Bromofluorobenzene (Surr)	91		73 - 120		03/17/16 06:49	1
Toluene-d8 (Surr)	107		71 - 126		03/17/16 06:49	1
Dibromofluoromethane (Surr)	88		60 - 140		03/17/16 06:49	1

Client Sample Results

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-18F-0316

Lab Sample ID: 480-96575-7

Date Collected: 03/14/16 16:05

Matrix: Water

Date Received: 03/15/16 15:15

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/16/16 08:30	03/16/16 21:10	1
Antimony	ND		0.020	0.0068	mg/L		03/16/16 08:30	03/16/16 21:10	1
Arsenic	0.0090	J	0.015	0.0056	mg/L		03/16/16 08:30	03/16/16 21:10	1
Barium	0.069		0.0020	0.00070	mg/L		03/16/16 08:30	03/16/16 21:10	1
Beryllium	ND		0.0020	0.00030	mg/L		03/16/16 08:30	03/16/16 21:10	1
Cadmium	ND		0.0020	0.00050	mg/L		03/16/16 08:30	03/16/16 21:10	1
Calcium	1030		0.50	0.10	mg/L		03/16/16 08:30	03/16/16 21:10	1
Chromium	ND		0.0040	0.0010	mg/L		03/16/16 08:30	03/16/16 21:10	1
Cobalt	0.011		0.0040	0.00063	mg/L		03/16/16 08:30	03/16/16 21:10	1
Copper	ND		0.010	0.0016	mg/L		03/16/16 08:30	03/16/16 21:10	1
Iron	4.2		0.050	0.019	mg/L		03/16/16 08:30	03/16/16 21:10	1
Lead	0.0088	J	0.010	0.0030	mg/L		03/16/16 08:30	03/16/16 21:10	1
Magnesium	355		0.20	0.043	mg/L		03/16/16 08:30	03/16/16 21:10	1
Manganese	4.7		0.0030	0.00040	mg/L		03/16/16 08:30	03/16/16 21:10	1
Nickel	0.024		0.010	0.0013	mg/L		03/16/16 08:30	03/16/16 21:10	1
Potassium	2.4	B	0.50	0.10	mg/L		03/16/16 08:30	03/16/16 21:10	1
Selenium	ND		0.025	0.0087	mg/L		03/16/16 08:30	03/16/16 21:10	1
Silver	ND		0.0060	0.0017	mg/L		03/16/16 08:30	03/16/16 21:10	1
Sodium	1240		1.0	0.32	mg/L		03/16/16 08:30	03/16/16 21:10	1
Thallium	ND		0.020	0.010	mg/L		03/16/16 08:30	03/16/16 21:10	1
Vanadium	ND		0.0050	0.0015	mg/L		03/16/16 08:30	03/16/16 21:10	1
Zinc	0.0050	J	0.010	0.0015	mg/L		03/16/16 08:30	03/16/16 21:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/16 09:25	03/16/16 13:57	1

Surrogate Summary

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

TestAmerica Job ID: 480-96575-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-96575-1	BCC Area B RFI-18-0316	110	92	106	84
480-96575-2	BCC Area B RFI-27-0316	107	102	99	113
480-96575-3	BCC Area B RFI-28-0316	108	102	100	112
480-96575-4	BCC Area B RFI-30-0316	108	91	105	86
480-96575-4 MS	BCC Area B RFI-30-MS-0316	106	93	106	84
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	111	96	108	89

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-96575-5	BCC Area B RFI-30-D-0316	107	91	106	86
480-96575-6	TRIP BLANK	109	91	107	88
LCS 480-291388/6	Lab Control Sample	103	94	107	82
LCS 480-291470/4	Lab Control Sample	107	107	103	110
MB 480-291388/8	Method Blank	100	91	103	79
MB 480-291470/6	Method Blank	107	102	99	108

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-96575-1	BCC Area B RFI-18-0316	80	56	40	59	28	62 X
480-96575-2	BCC Area B RFI-27-0316	74	53	39	61	26	62 X
480-96575-3	BCC Area B RFI-28-0316	73	58	41	63	27	58 X
480-96575-4	BCC Area B RFI-30-0316	70	57	41	62	27	59 X
480-96575-4 MS	BCC Area B RFI-30-MS-0316	87	73	57	76	41	60 X
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	83	76	58	78	42	62 X

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-96575-1

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)
480-96575-5	BCC Area B RFI-30-D-0316	74	53	39	59	26	58 X
LCS 480-291243/2-A	Lab Control Sample	93	85	68	89	49	86
MB 480-291243/1-A	Method Blank	84	82	54	91	37	89

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 B Wells

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: MB 480-291388/8

Matrix: Water

Analysis Batch: 291388

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			03/17/16 01:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/17/16 01:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/17/16 01:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/17/16 01:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/17/16 01:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/17/16 01:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/17/16 01:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/17/16 01:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/17/16 01:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/17/16 01:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/17/16 01:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/17/16 01:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/17/16 01:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/17/16 01:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/17/16 01:22	1
2-Hexanone	ND		5.0	1.2	ug/L			03/17/16 01:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/17/16 01:22	1
Acetone	ND		10	3.0	ug/L			03/17/16 01:22	1
Benzene	ND		1.0	0.41	ug/L			03/17/16 01:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/17/16 01:22	1
Bromoform	ND		1.0	0.26	ug/L			03/17/16 01:22	1
Bromomethane	ND		1.0	0.69	ug/L			03/17/16 01:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/17/16 01:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/17/16 01:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/17/16 01:22	1
Chloroethane	ND		1.0	0.32	ug/L			03/17/16 01:22	1
Chloroform	ND		1.0	0.34	ug/L			03/17/16 01:22	1
Chloromethane	ND		1.0	0.35	ug/L			03/17/16 01:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/17/16 01:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/17/16 01:22	1
Cyclohexane	ND		1.0	0.18	ug/L			03/17/16 01:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/17/16 01:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/17/16 01:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/17/16 01:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/17/16 01:22	1
Methyl acetate	ND		2.5	1.3	ug/L			03/17/16 01:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/17/16 01:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/17/16 01:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/17/16 01:22	1
Styrene	ND		1.0	0.73	ug/L			03/17/16 01:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/17/16 01:22	1
Toluene	ND		1.0	0.51	ug/L			03/17/16 01:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/17/16 01:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/17/16 01:22	1
Trichloroethene	ND		1.0	0.46	ug/L			03/17/16 01:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/17/16 01:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/17/16 01:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/17/16 01:22	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: MB 480-291388/8
Matrix: Water
Analysis Batch: 291388

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		03/17/16 01:22	1
4-Bromofluorobenzene (Surr)	91		73 - 120		03/17/16 01:22	1
Toluene-d8 (Surr)	103		71 - 126		03/17/16 01:22	1
Dibromofluoromethane (Surr)	79		60 - 140		03/17/16 01:22	1

Lab Sample ID: LCS 480-291388/6
Matrix: Water
Analysis Batch: 291388

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.4		ug/L		90	73 - 126
1,1,2,2-Tetrachloroethane	25.0	32.4	*	ug/L		130	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.4		ug/L		97	52 - 148
1,1,2-Trichloroethane	25.0	27.9		ug/L		112	76 - 122
1,1-Dichloroethane	25.0	27.1		ug/L		108	71 - 129
1,1-Dichloroethene	25.0	22.7		ug/L		91	58 - 121
1,2,4-Trichlorobenzene	25.0	26.3		ug/L		105	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	31.4		ug/L		125	56 - 134
1,2-Dibromoethane	25.0	26.0		ug/L		104	77 - 120
1,2-Dichlorobenzene	25.0	25.1		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	26.6		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.2		ug/L		97	75 - 120
2-Butanone (MEK)	125	132		ug/L		106	57 - 140
2-Hexanone	125	173	*	ug/L		138	65 - 127
4-Methyl-2-pentanone (MIBK)	125	155		ug/L		124	71 - 125
Acetone	125	163		ug/L		131	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	23.8		ug/L		95	80 - 122
Bromoform	25.0	22.5		ug/L		90	52 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		86	72 - 134
Chlorobenzene	25.0	24.4		ug/L		98	72 - 120
Chloroethane	25.0	26.0		ug/L		104	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	23.2		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	22.2		ug/L		89	74 - 124
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	74 - 124
Cyclohexane	25.0	26.4		ug/L		106	59 - 135
Dibromochloromethane	25.0	23.8		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	20.5		ug/L		82	59 - 135
Ethylbenzene	25.0	27.6		ug/L		110	77 - 123
Isopropylbenzene	25.0	30.3		ug/L		121	77 - 122
Methyl acetate	125	130		ug/L		104	74 - 133
Methyl tert-butyl ether	25.0	24.9		ug/L		99	64 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: LCS 480-291388/6

Matrix: Water

Analysis Batch: 291388

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	26.4		ug/L		105	61 - 138
Methylene Chloride	25.0	24.3		ug/L		97	57 - 132
Styrene	25.0	27.8		ug/L		111	70 - 130
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	27.0		ug/L		108	80 - 122
trans-1,2-Dichloroethene	25.0	21.7		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	30.0		ug/L		120	72 - 123
Trichloroethene	25.0	22.0		ug/L		88	74 - 123
Trichlorofluoromethane	25.0	23.3		ug/L		93	62 - 152
Vinyl chloride	25.0	25.3		ug/L		101	65 - 133
Xylenes, Total	50.0	53.5		ug/L		107	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	107		71 - 126
Dibromofluoromethane (Surr)	82		60 - 140

Lab Sample ID: 480-96575-4 MS

Matrix: Ground Water

Analysis Batch: 291388

Client Sample ID: BCC Area B RFI-30-MS-0316

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	21.4		ug/L		86	73 - 126
1,1,1,2-Tetrachloroethane	ND	F1 *	25.0	34.0	F1	ug/L		136	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	19.7		ug/L		79	52 - 148
1,1,2-Trichloroethane	ND		25.0	28.4		ug/L		114	76 - 122
1,1-Dichloroethane	ND		25.0	26.0		ug/L		104	71 - 129
1,1-Dichloroethene	ND		25.0	20.6		ug/L		83	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	30.9		ug/L		123	56 - 134
1,2-Dibromoethane	ND		25.0	26.4		ug/L		105	77 - 120
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	80 - 124
1,2-Dichloroethane	ND		25.0	25.3		ug/L		101	75 - 127
1,2-Dichloropropane	ND		25.0	27.2		ug/L		109	76 - 120
1,3-Dichlorobenzene	ND		25.0	25.1		ug/L		101	77 - 120
1,4-Dichlorobenzene	ND		25.0	24.2		ug/L		97	75 - 120
2-Butanone (MEK)	ND		125	121		ug/L		97	57 - 140
2-Hexanone	ND	F1 *	125	161	F1	ug/L		129	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	156		ug/L		125	71 - 125
Acetone	ND		125	115		ug/L		92	56 - 142
Benzene	ND		25.0	23.0		ug/L		92	71 - 124
Bromodichloromethane	ND		25.0	24.2		ug/L		97	80 - 122
Bromoform	ND		25.0	23.0		ug/L		92	52 - 132
Bromomethane	ND		25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	ND		25.0	20.2		ug/L		81	59 - 134
Carbon tetrachloride	ND		25.0	19.5		ug/L		78	72 - 134

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MS

Matrix: Ground Water

Analysis Batch: 291388

Client Sample ID: BCC Area B RFI-30-MS-0316

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	ND		25.0	23.8		ug/L		95	72 - 120
Chloroethane	ND		25.0	24.5		ug/L		98	69 - 136
Chloroform	ND		25.0	22.3		ug/L		89	73 - 127
Chloromethane	ND		25.0	22.6		ug/L		91	68 - 124
cis-1,2-Dichloroethene	ND		25.0	21.0		ug/L		84	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	74 - 124
Cyclohexane	ND		25.0	21.8		ug/L		87	59 - 135
Dibromochloromethane	ND		25.0	24.1		ug/L		96	75 - 125
Dichlorodifluoromethane	ND		25.0	15.6		ug/L		63	59 - 135
Ethylbenzene	ND		25.0	25.8		ug/L		103	77 - 123
Isopropylbenzene	ND		25.0	29.9		ug/L		120	77 - 122
Methyl acetate	ND		125	129		ug/L		103	74 - 133
Methyl tert-butyl ether	ND		25.0	24.6		ug/L		98	64 - 127
Methylcyclohexane	ND		25.0	21.5		ug/L		86	61 - 138
Methylene Chloride	ND		25.0	23.9		ug/L		95	57 - 132
Styrene	ND		25.0	26.1		ug/L		104	70 - 130
Tetrachloroethene	ND		25.0	21.6		ug/L		86	74 - 122
Toluene	ND		25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	ND		25.0	20.6		ug/L		82	73 - 127
trans-1,3-Dichloropropene	ND		25.0	29.0		ug/L		116	72 - 123
Trichloroethene	ND		25.0	21.3		ug/L		85	74 - 123
Trichlorofluoromethane	ND		25.0	19.7		ug/L		79	62 - 152
Vinyl chloride	ND		25.0	23.5		ug/L		94	65 - 133
Xylenes, Total	ND		50.0	50.6		ug/L		101	76 - 122

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	106		71 - 126
Dibromofluoromethane (Surr)	84		60 - 140

Lab Sample ID: 480-96575-4 MSD

Matrix: Ground Water

Analysis Batch: 291388

Client Sample ID: BCC Area B RFI-30-MSD-0316

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	21.8		ug/L		87	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND	F1 *	25.0	32.3	F1	ug/L		129	70 - 126	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	18.5		ug/L		74	52 - 148	6	20
1,1,2-Trichloroethane	ND		25.0	27.6		ug/L		110	76 - 122	3	15
1,1-Dichloroethane	ND		25.0	26.8		ug/L		107	71 - 129	3	20
1,1-Dichloroethene	ND		25.0	20.1		ug/L		80	58 - 121	3	16
1,2,4-Trichlorobenzene	ND		25.0	24.5		ug/L		98	70 - 122	7	20
1,2-Dibromo-3-Chloropropane	ND		25.0	28.2		ug/L		113	56 - 134	9	15
1,2-Dibromoethane	ND		25.0	26.1		ug/L		105	77 - 120	1	15
1,2-Dichlorobenzene	ND		25.0	24.4		ug/L		98	80 - 124	2	20
1,2-Dichloroethane	ND		25.0	26.5		ug/L		106	75 - 127	5	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MSD

Client Sample ID: BCC Area B RFI-30-MSD-0316

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 291388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	27.4		ug/L		110	76 - 120	1	20
1,3-Dichlorobenzene	ND		25.0	23.9		ug/L		96	77 - 120	5	20
1,4-Dichlorobenzene	ND		25.0	23.0		ug/L		92	75 - 120	5	20
2-Butanone (MEK)	ND		125	127		ug/L		101	57 - 140	5	20
2-Hexanone	ND	F1 *	125	163	F1	ug/L		130	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		125	156		ug/L		125	71 - 125	0	35
Acetone	ND		125	121		ug/L		97	56 - 142	5	15
Benzene	ND		25.0	24.0		ug/L		96	71 - 124	4	13
Bromodichloromethane	ND		25.0	24.9		ug/L		100	80 - 122	3	15
Bromoform	ND		25.0	23.8		ug/L		95	52 - 132	3	15
Bromomethane	ND		25.0	23.1		ug/L		93	55 - 144	1	15
Carbon disulfide	ND		25.0	19.7		ug/L		79	59 - 134	2	15
Carbon tetrachloride	ND		25.0	18.7		ug/L		75	72 - 134	4	15
Chlorobenzene	ND		25.0	23.9		ug/L		96	72 - 120	0	25
Chloroethane	ND		25.0	25.3		ug/L		101	69 - 136	3	15
Chloroform	ND		25.0	23.3		ug/L		93	73 - 127	4	20
Chloromethane	ND		25.0	22.4		ug/L		90	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	22.1		ug/L		88	74 - 124	5	15
cis-1,3-Dichloropropene	ND		25.0	24.6		ug/L		99	74 - 124	2	15
Cyclohexane	ND		25.0	20.6		ug/L		83	59 - 135	5	20
Dibromochloromethane	ND		25.0	24.5		ug/L		98	75 - 125	2	15
Dichlorodifluoromethane	ND		25.0	15.0		ug/L		60	59 - 135	4	20
Ethylbenzene	ND		25.0	25.6		ug/L		102	77 - 123	1	15
Isopropylbenzene	ND		25.0	27.9		ug/L		111	77 - 122	7	20
Methyl acetate	ND		125	133		ug/L		106	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	25.6		ug/L		102	64 - 127	4	37
Methylcyclohexane	ND		25.0	20.1		ug/L		80	61 - 138	7	20
Methylene Chloride	ND		25.0	25.4		ug/L		102	57 - 132	6	15
Styrene	ND		25.0	26.2		ug/L		105	70 - 130	1	20
Tetrachloroethene	ND		25.0	22.2		ug/L		89	74 - 122	3	20
Toluene	ND		25.0	26.2		ug/L		105	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	21.1		ug/L		85	73 - 127	2	20
trans-1,3-Dichloropropene	ND		25.0	29.3		ug/L		117	72 - 123	1	15
Trichloroethene	ND		25.0	21.0		ug/L		84	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	18.3		ug/L		73	62 - 152	7	20
Vinyl chloride	ND		25.0	23.2		ug/L		93	65 - 133	2	15
Xylenes, Total	ND		50.0	50.6		ug/L		101	76 - 122	0	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		66 - 137
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	108		71 - 126
Dibromofluoromethane (Surr)	89		60 - 140

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: MB 480-291470/6

Matrix: Water

Analysis Batch: 291470

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			03/17/16 12:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/17/16 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/17/16 12:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/17/16 12:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/17/16 12:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/17/16 12:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/17/16 12:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/17/16 12:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/17/16 12:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/17/16 12:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/17/16 12:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/17/16 12:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/17/16 12:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/17/16 12:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/17/16 12:09	1
2-Hexanone	ND		5.0	1.2	ug/L			03/17/16 12:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/17/16 12:09	1
Acetone	ND		10	3.0	ug/L			03/17/16 12:09	1
Benzene	ND		1.0	0.41	ug/L			03/17/16 12:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/17/16 12:09	1
Bromoform	ND		1.0	0.26	ug/L			03/17/16 12:09	1
Bromomethane	ND		1.0	0.69	ug/L			03/17/16 12:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/17/16 12:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/17/16 12:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/17/16 12:09	1
Chloroethane	ND		1.0	0.32	ug/L			03/17/16 12:09	1
Chloroform	ND		1.0	0.34	ug/L			03/17/16 12:09	1
Chloromethane	ND		1.0	0.35	ug/L			03/17/16 12:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/17/16 12:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/17/16 12:09	1
Cyclohexane	ND		1.0	0.18	ug/L			03/17/16 12:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/17/16 12:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/17/16 12:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/17/16 12:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/17/16 12:09	1
Methyl acetate	ND		2.5	1.3	ug/L			03/17/16 12:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/17/16 12:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/17/16 12:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/17/16 12:09	1
Styrene	ND		1.0	0.73	ug/L			03/17/16 12:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/17/16 12:09	1
Toluene	ND		1.0	0.51	ug/L			03/17/16 12:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/17/16 12:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/17/16 12:09	1
Trichloroethene	ND		1.0	0.46	ug/L			03/17/16 12:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/17/16 12:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/17/16 12:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/17/16 12:09	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: MB 480-291470/6

Matrix: Water

Analysis Batch: 291470

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/17/16 12:09	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/17/16 12:09	1
Toluene-d8 (Surr)	99		71 - 126		03/17/16 12:09	1
Dibromofluoromethane (Surr)	108		60 - 140		03/17/16 12:09	1

Lab Sample ID: LCS 480-291470/4

Matrix: Water

Analysis Batch: 291470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.4		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		106	52 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		104	71 - 129
1,1-Dichloroethene	25.0	26.8		ug/L		107	58 - 121
1,2,4-Trichlorobenzene	25.0	23.6		ug/L		95	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.8		ug/L		83	56 - 134
1,2-Dibromoethane	25.0	24.6		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	75 - 120
2-Butanone (MEK)	125	125		ug/L		100	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	71 - 125
Acetone	125	156		ug/L		124	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	25.0	25.9		ug/L		104	80 - 122
Bromoform	25.0	25.4		ug/L		102	52 - 132
Bromomethane	25.0	26.3		ug/L		105	55 - 144
Carbon disulfide	25.0	22.9		ug/L		91	59 - 134
Carbon tetrachloride	25.0	29.0		ug/L		116	72 - 134
Chlorobenzene	25.0	25.8		ug/L		103	72 - 120
Chloroethane	25.0	24.9		ug/L		100	69 - 136
Chloroform	25.0	25.4		ug/L		102	73 - 127
Chloromethane	25.0	22.2		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	74 - 124
Cyclohexane	25.0	25.2		ug/L		101	59 - 135
Dibromochloromethane	25.0	26.0		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	20.3		ug/L		81	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
Isopropylbenzene	25.0	25.0		ug/L		100	77 - 122
Methyl acetate	125	120		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	23.7		ug/L		95	64 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: LCS 480-291470/4

Matrix: Water

Analysis Batch: 291470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	25.5		ug/L		102	61 - 138
Methylene Chloride	25.0	22.9		ug/L		92	57 - 132
Styrene	25.0	24.9		ug/L		99	70 - 130
Tetrachloroethene	25.0	28.7		ug/L		115	74 - 122
Toluene	25.0	24.6		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	26.5		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	72 - 123
Trichloroethene	25.0	26.3		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	29.3		ug/L		117	62 - 152
Vinyl chloride	25.0	26.5		ug/L		106	65 - 133
Xylenes, Total	50.0	51.1		ug/L		102	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	103		71 - 126
Dibromofluoromethane (Surr)	110		60 - 140

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

Lab Sample ID: MB 480-291243/1-A

Matrix: Water

Analysis Batch: 291981

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 291243

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/16/16 08:14	03/21/16 13:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/16/16 08:14	03/21/16 13:16	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/16/16 08:14	03/21/16 13:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/16/16 08:14	03/21/16 13:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/16/16 08:14	03/21/16 13:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/16/16 08:14	03/21/16 13:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/16/16 08:14	03/21/16 13:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/16/16 08:14	03/21/16 13:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/16/16 08:14	03/21/16 13:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/16/16 08:14	03/21/16 13:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/16/16 08:14	03/21/16 13:16	1
2-Nitroaniline	ND		10	0.42	ug/L		03/16/16 08:14	03/21/16 13:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/16/16 08:14	03/21/16 13:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/16/16 08:14	03/21/16 13:16	1
3-Nitroaniline	ND		10	0.48	ug/L		03/16/16 08:14	03/21/16 13:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/16/16 08:14	03/21/16 13:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/16/16 08:14	03/21/16 13:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/16/16 08:14	03/21/16 13:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/16/16 08:14	03/21/16 13:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/16/16 08:14	03/21/16 13:16	1
4-Methylphenol	ND		10	0.36	ug/L		03/16/16 08:14	03/21/16 13:16	1
4-Nitroaniline	ND		10	0.25	ug/L		03/16/16 08:14	03/21/16 13:16	1
4-Nitrophenol	ND		10	1.5	ug/L		03/16/16 08:14	03/21/16 13:16	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: MB 480-291243/1-A
Matrix: Water
Analysis Batch: 291981

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 291243

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	ND		5.0	0.41	ug/L		03/16/16 08:14	03/21/16 13:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/16/16 08:14	03/21/16 13:16	1
Acetophenone	ND		5.0	0.54	ug/L		03/16/16 08:14	03/21/16 13:16	1
Aniline	ND		10	0.61	ug/L		03/16/16 08:14	03/21/16 13:16	1
Anthracene	ND		5.0	0.28	ug/L		03/16/16 08:14	03/21/16 13:16	1
Atrazine	ND		5.0	0.46	ug/L		03/16/16 08:14	03/21/16 13:16	1
Benzaldehyde	0.647	J	5.0	0.27	ug/L		03/16/16 08:14	03/21/16 13:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/16/16 08:14	03/21/16 13:16	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/16/16 08:14	03/21/16 13:16	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/16/16 08:14	03/21/16 13:16	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/16/16 08:14	03/21/16 13:16	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/16/16 08:14	03/21/16 13:16	1
Biphenyl	ND		5.0	0.65	ug/L		03/16/16 08:14	03/21/16 13:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/16/16 08:14	03/21/16 13:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/16/16 08:14	03/21/16 13:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/16/16 08:14	03/21/16 13:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		03/16/16 08:14	03/21/16 13:16	1
Butyl benzyl phthalate	0.501	J	5.0	0.42	ug/L		03/16/16 08:14	03/21/16 13:16	1
Caprolactam	ND		5.0	2.2	ug/L		03/16/16 08:14	03/21/16 13:16	1
Carbazole	ND		5.0	0.30	ug/L		03/16/16 08:14	03/21/16 13:16	1
Chrysene	ND		5.0	0.33	ug/L		03/16/16 08:14	03/21/16 13:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/16/16 08:14	03/21/16 13:16	1
Dibenzofuran	ND		10	0.51	ug/L		03/16/16 08:14	03/21/16 13:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/16/16 08:14	03/21/16 13:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/16/16 08:14	03/21/16 13:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/16/16 08:14	03/21/16 13:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/16/16 08:14	03/21/16 13:16	1
Fluoranthene	ND		5.0	0.40	ug/L		03/16/16 08:14	03/21/16 13:16	1
Fluorene	ND		5.0	0.36	ug/L		03/16/16 08:14	03/21/16 13:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/16/16 08:14	03/21/16 13:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/16/16 08:14	03/21/16 13:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/16/16 08:14	03/21/16 13:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/16/16 08:14	03/21/16 13:16	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/16/16 08:14	03/21/16 13:16	1
Isophorone	ND		5.0	0.43	ug/L		03/16/16 08:14	03/21/16 13:16	1
Naphthalene	ND		5.0	0.76	ug/L		03/16/16 08:14	03/21/16 13:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/16/16 08:14	03/21/16 13:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/16/16 08:14	03/21/16 13:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/16/16 08:14	03/21/16 13:16	1
Pentachlorophenol	ND		10	2.2	ug/L		03/16/16 08:14	03/21/16 13:16	1
Phenanthrene	ND		5.0	0.44	ug/L		03/16/16 08:14	03/21/16 13:16	1
Phenol	ND		5.0	0.39	ug/L		03/16/16 08:14	03/21/16 13:16	1
Pyrene	ND		5.0	0.34	ug/L		03/16/16 08:14	03/21/16 13:16	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	84		52 - 132	03/16/16 08:14	03/21/16 13:16	1
2-Fluorobiphenyl	82		48 - 120	03/16/16 08:14	03/21/16 13:16	1
2-Fluorophenol	54		20 - 120	03/16/16 08:14	03/21/16 13:16	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: MB 480-291243/1-A
Matrix: Water
Analysis Batch: 291981

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 291243

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5	91		46 - 120	03/16/16 08:14	03/21/16 13:16	1
Phenol-d5	37		16 - 120	03/16/16 08:14	03/21/16 13:16	1
p-Terphenyl-d14	89		67 - 150	03/16/16 08:14	03/21/16 13:16	1

Lab Sample ID: LCS 480-291243/2-A
Matrix: Water
Analysis Batch: 291981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 291243

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4,5-Trichlorophenol	16.0	15.0		ug/L		94	65 - 126
2,4,6-Trichlorophenol	16.0	12.4		ug/L		78	64 - 120
2,4-Dichlorophenol	16.0	13.7		ug/L		86	64 - 120
2,4-Dimethylphenol	16.0	13.6		ug/L		85	57 - 120
2,4-Dinitrophenol	32.0	30.7		ug/L		96	42 - 153
2,4-Dinitrotoluene	16.0	15.2		ug/L		95	65 - 154
2,6-Dinitrotoluene	16.0	15.5		ug/L		97	74 - 134
2-Chloronaphthalene	16.0	13.9		ug/L		87	41 - 124
2-Chlorophenol	16.0	13.7		ug/L		86	48 - 120
2-Methylnaphthalene	16.0	13.5		ug/L		85	34 - 122
2-Methylphenol	16.0	13.8		ug/L		86	39 - 120
2-Nitroaniline	16.0	17.2		ug/L		107	67 - 136
2-Nitrophenol	16.0	14.2		ug/L		89	59 - 120
3,3'-Dichlorobenzidine	32.0	32.1		ug/L		100	33 - 140
3-Nitroaniline	16.0	13.8		ug/L		87	28 - 130
4,6-Dinitro-2-methylphenol	32.0	32.5		ug/L		102	64 - 159
4-Bromophenyl phenyl ether	16.0	14.3		ug/L		89	71 - 126
4-Chloro-3-methylphenol	16.0	16.0		ug/L		100	64 - 120
4-Chloroaniline	16.0	12.2		ug/L		77	10 - 130
4-Chlorophenyl phenyl ether	16.0	14.4		ug/L		90	71 - 122
4-Methylphenol	16.0	13.2		ug/L		82	39 - 120
4-Nitroaniline	16.0	15.0		ug/L		94	47 - 130
4-Nitrophenol	32.0	22.7		ug/L		71	16 - 120
Acenaphthene	16.0	14.6		ug/L		91	60 - 120
Acenaphthylene	16.0	14.5		ug/L		90	63 - 120
Acetophenone	16.0	14.7		ug/L		92	45 - 120
Aniline	16.0	10.1		ug/L		63	37 - 120
Anthracene	16.0	15.6		ug/L		98	58 - 148
Atrazine	32.0	34.6		ug/L		108	56 - 179
Benzaldehyde	32.0	50.5	E *	ug/L		158	30 - 140
Benzo(a)anthracene	16.0	14.6		ug/L		91	55 - 151
Benzo(a)pyrene	16.0	14.1		ug/L		88	60 - 145
Benzo(b)fluoranthene	16.0	14.7		ug/L		92	54 - 140
Benzo(g,h,i)perylene	16.0	15.5		ug/L		97	66 - 152
Benzo(k)fluoranthene	16.0	15.3		ug/L		96	51 - 153
Biphenyl	16.0	14.7		ug/L		92	30 - 140
bis (2-chloroisopropyl) ether	16.0	15.9		ug/L		100	28 - 136
Bis(2-chloroethoxy)methane	16.0	14.9		ug/L		93	50 - 128
Bis(2-chloroethyl)ether	16.0	14.6		ug/L		91	51 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: LCS 480-291243/2-A
Matrix: Water
Analysis Batch: 291981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 291243

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Bis(2-ethylhexyl) phthalate	16.0	16.6		ug/L		104	53 - 158
Butyl benzyl phthalate	16.0	16.9		ug/L		106	58 - 163
Caprolactam	32.0	12.0		ug/L		38	14 - 130
Carbazole	16.0	16.0		ug/L		100	59 - 148
Chrysene	16.0	14.4		ug/L		90	69 - 140
Dibenz(a,h)anthracene	16.0	14.7		ug/L		92	57 - 148
Dibenzofuran	16.0	14.7		ug/L		92	49 - 137
Diethyl phthalate	16.0	16.2		ug/L		101	59 - 146
Dimethyl phthalate	16.0	16.4		ug/L		102	59 - 141
Di-n-butyl phthalate	16.0	17.3		ug/L		108	58 - 149
Di-n-octyl phthalate	16.0	16.6		ug/L		104	55 - 167
Fluoranthene	16.0	16.5		ug/L		103	55 - 147
Fluorene	16.0	15.2		ug/L		95	55 - 143
Hexachlorobenzene	16.0	13.0		ug/L		81	14 - 130
Hexachlorobutadiene	16.0	11.6		ug/L		72	14 - 130
Hexachlorocyclopentadiene	16.0	10.2		ug/L		64	13 - 130
Hexachloroethane	16.0	13.0		ug/L		81	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	14.9		ug/L		93	69 - 146
Isophorone	16.0	16.2		ug/L		101	48 - 133
Naphthalene	16.0	13.8		ug/L		86	35 - 130
Nitrobenzene	16.0	15.0		ug/L		94	45 - 123
N-Nitrosodi-n-propylamine	16.0	15.4		ug/L		96	56 - 120
N-Nitrosodiphenylamine	16.0	14.9		ug/L		93	25 - 125
Pentachlorophenol	32.0	23.9		ug/L		75	39 - 136
Phenanthrene	16.0	15.3		ug/L		96	57 - 147
Phenol	16.0	8.03		ug/L		50	17 - 120
Pyrene	16.0	14.8		ug/L		93	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	93		52 - 132
2-Fluorobiphenyl	85		48 - 120
2-Fluorophenol	68		20 - 120
Nitrobenzene-d5	89		46 - 120
Phenol-d5	49		16 - 120
p-Terphenyl-d14	86		67 - 150

Lab Sample ID: 480-96575-4 MS
Matrix: Ground Water
Analysis Batch: 291981

Client Sample ID: BCC Area B RFI-30-MS-0316
Prep Type: Total/NA
Prep Batch: 291243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4,5-Trichlorophenol	ND		15.2	12.0		ug/L		79	65 - 126
2,4,6-Trichlorophenol	ND		15.2	10.4		ug/L		69	64 - 120
2,4-Dichlorophenol	ND		15.2	11.4		ug/L		75	64 - 120
2,4-Dimethylphenol	ND		15.2	11.6		ug/L		76	57 - 120
2,4-Dinitrophenol	ND		30.3	27.3		ug/L		90	42 - 153
2,4-Dinitrotoluene	ND		15.2	12.8		ug/L		84	62 - 148
2,6-Dinitrotoluene	ND		15.2	12.8		ug/L		84	65 - 154

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MS

Matrix: Ground Water

Analysis Batch: 291981

Client Sample ID: BCC Area B RFI-30-MS-0316

Prep Type: Total/NA

Prep Batch: 291243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2-Chloronaphthalene	ND		15.2	11.3		ug/L		74	41 - 124
2-Chlorophenol	ND		15.2	11.0		ug/L		73	48 - 120
2-Methylnaphthalene	ND		15.2	11.0		ug/L		73	34 - 122
2-Methylphenol	ND		15.2	11.2		ug/L		74	39 - 120
2-Nitroaniline	ND		15.2	14.1		ug/L		93	67 - 136
2-Nitrophenol	ND		15.2	11.5		ug/L		76	59 - 120
3,3'-Dichlorobenzidine	ND		30.3	25.5		ug/L		84	33 - 140
3-Nitroaniline	ND		15.2	11.5		ug/L		76	69 - 129
4,6-Dinitro-2-methylphenol	ND		30.3	27.9		ug/L		92	64 - 159
4-Bromophenyl phenyl ether	ND		15.2	12.2		ug/L		81	71 - 126
4-Chloro-3-methylphenol	ND		15.2	13.1		ug/L		87	64 - 120
4-Chloroaniline	ND		15.2	9.25		ug/L		61	60 - 124
4-Chlorophenyl phenyl ether	ND		15.2	11.7		ug/L		77	48 - 145
4-Methylphenol	ND		15.2	10.8		ug/L		71	36 - 120
4-Nitroaniline	ND		15.2	12.6		ug/L		83	64 - 135
4-Nitrophenol	ND		30.3	20.0		ug/L		66	16 - 120
Acenaphthene	ND		15.2	11.6		ug/L		76	60 - 120
Acenaphthylene	ND		15.2	11.7		ug/L		77	63 - 120
Acetophenone	ND		15.2	11.8		ug/L		78	45 - 120
Aniline	ND		15.2	8.49	J	ug/L		56	37 - 120
Anthracene	ND		15.2	13.3		ug/L		88	58 - 148
Atrazine	ND		30.3	29.0		ug/L		96	56 - 179
Benzaldehyde	0.51	J B *	30.3	40.7		ug/L		132	30 - 140
Benzo(a)anthracene	ND		15.2	10.9		ug/L		72	55 - 151
Benzo(a)pyrene	ND	F1	15.2	8.71	F1	ug/L		57	60 - 145
Benzo(b)fluoranthene	ND		15.2	9.53		ug/L		63	54 - 140
Benzo(g,h,i)perylene	ND	F1	15.2	8.65	F1	ug/L		57	66 - 152
Benzo(k)fluoranthene	ND		15.2	8.55		ug/L		56	51 - 153
Biphenyl	ND		15.2	11.5		ug/L		76	30 - 140
bis (2-chloroisopropyl) ether	ND		15.2	13.1		ug/L		86	28 - 136
Bis(2-chloroethoxy)methane	ND		15.2	11.6		ug/L		77	50 - 128
Bis(2-chloroethyl)ether	ND		15.2	11.6		ug/L		76	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.2	10.1		ug/L		66	53 - 158
Butyl benzyl phthalate	0.43	J B	15.2	14.2		ug/L		91	58 - 163
Caprolactam	ND		30.3	9.94		ug/L		33	30 - 140
Carbazole	ND		15.2	14.0		ug/L		92	59 - 148
Chrysene	ND		15.2	10.5		ug/L		69	69 - 140
Dibenz(a,h)anthracene	ND	F1	15.2	7.82	F1	ug/L		52	57 - 158
Dibenzofuran	ND		15.2	12.0		ug/L		79	49 - 137
Diethyl phthalate	ND		15.2	13.5		ug/L		89	59 - 146
Dimethyl phthalate	ND		15.2	13.3		ug/L		88	59 - 141
Di-n-butyl phthalate	ND		15.2	14.7		ug/L		97	58 - 149
Di-n-octyl phthalate	0.59	J	15.2	10.1		ug/L		63	55 - 167
Fluoranthene	ND		15.2	13.9		ug/L		92	55 - 147
Fluorene	ND		15.2	12.5		ug/L		83	55 - 143
Hexachlorobenzene	ND		15.2	10.9		ug/L		72	38 - 131
Hexachlorobutadiene	ND		15.2	8.96		ug/L		59	14 - 130
Hexachlorocyclopentadiene	ND		15.2	8.21		ug/L		54	13 - 130

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MS

Matrix: Ground Water

Analysis Batch: 291981

Client Sample ID: BCC Area B RFI-30-MS-0316

Prep Type: Total/NA

Prep Batch: 291243

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Hexachloroethane	ND		15.2	10.1		ug/L		67		14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	15.2	8.06	F1	ug/L		53		69 - 146
Isophorone	ND		15.2	13.0		ug/L		86		48 - 133
Naphthalene	ND		15.2	10.9		ug/L		72		35 - 130
Nitrobenzene	ND		15.2	12.2		ug/L		80		45 - 123
N-Nitrosodi-n-propylamine	ND		15.2	12.5		ug/L		82		56 - 120
N-Nitrosodiphenylamine	ND		15.2	12.6		ug/L		83		25 - 125
Pentachlorophenol	ND		30.3	23.1		ug/L		76		39 - 136
Phenanthrene	ND		15.2	13.0		ug/L		85		57 - 147
Phenol	ND		15.2	6.54		ug/L		43		17 - 120
Pyrene	ND		15.2	13.3		ug/L		87		58 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	87		52 - 132
2-Fluorobiphenyl	73		48 - 120
2-Fluorophenol	57		20 - 120
Nitrobenzene-d5	76		46 - 120
Phenol-d5	41		16 - 120
p-Terphenyl-d14	60	X	67 - 150

Lab Sample ID: 480-96575-4 MSD

Matrix: Ground Water

Analysis Batch: 291981

Client Sample ID: BCC Area B RFI-30-MSD-0316

Prep Type: Total/NA

Prep Batch: 291243

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
2,4,5-Trichlorophenol	ND		15.2	13.1		ug/L		86		65 - 126	9	18
2,4,6-Trichlorophenol	ND		15.2	10.9		ug/L		71		64 - 120	4	19
2,4-Dichlorophenol	ND		15.2	12.2		ug/L		80		64 - 120	7	19
2,4-Dimethylphenol	ND		15.2	12.6		ug/L		83		57 - 120	9	42
2,4-Dinitrophenol	ND		30.5	28.6		ug/L		94		42 - 153	5	22
2,4-Dinitrotoluene	ND		15.2	13.8		ug/L		91		62 - 148	8	20
2,6-Dinitrotoluene	ND		15.2	13.4		ug/L		88		65 - 154	4	15
2-Chloronaphthalene	ND		15.2	11.8		ug/L		78		41 - 124	4	21
2-Chlorophenol	ND		15.2	11.0		ug/L		72		48 - 120	0	25
2-Methylnaphthalene	ND		15.2	11.6		ug/L		76		34 - 122	5	21
2-Methylphenol	ND		15.2	11.7		ug/L		77		39 - 120	5	27
2-Nitroaniline	ND		15.2	14.9		ug/L		98		67 - 136	5	15
2-Nitrophenol	ND		15.2	11.9		ug/L		78		59 - 120	3	18
3,3'-Dichlorobenzidine	ND		30.5	26.6		ug/L		87		33 - 140	4	25
3-Nitroaniline	ND		15.2	12.1		ug/L		80		69 - 129	5	19
4,6-Dinitro-2-methylphenol	ND		30.5	28.9		ug/L		95		64 - 159	3	15
4-Bromophenyl phenyl ether	ND		15.2	12.4		ug/L		81		71 - 126	1	15
4-Chloro-3-methylphenol	ND		15.2	14.2		ug/L		93		64 - 120	8	27
4-Chloroaniline	ND		15.2	10.1		ug/L		66		60 - 124	9	22
4-Chlorophenyl phenyl ether	ND		15.2	12.3		ug/L		81		48 - 145	5	16
4-Methylphenol	ND		15.2	11.6		ug/L		76		36 - 120	7	24
4-Nitroaniline	ND		15.2	13.3		ug/L		87		64 - 135	5	24
4-Nitrophenol	ND		30.5	21.3		ug/L		70		16 - 120	6	48

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MSD
Matrix: Ground Water
Analysis Batch: 291981

Client Sample ID: BCC Area B RFI-30-MSD-0316
Prep Type: Total/NA
Prep Batch: 291243

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Acenaphthene	ND		15.2	12.1		ug/L		79	60 - 120	4	24
Acenaphthylene	ND		15.2	12.3		ug/L		81	63 - 120	5	18
Acetophenone	ND		15.2	12.1		ug/L		80	45 - 120	3	20
Aniline	ND		15.2	8.40	J	ug/L		55	37 - 120	1	30
Anthracene	ND		15.2	13.7		ug/L		90	58 - 148	3	15
Atrazine	ND		30.5	30.5		ug/L		100	56 - 179	5	20
Benzaldehyde	0.51	J B *	30.5	41.2		ug/L		134	30 - 140	1	20
Benzo(a)anthracene	ND		15.2	11.2		ug/L		74	55 - 151	3	15
Benzo(a)pyrene	ND	F1	15.2	8.89	F1	ug/L		58	60 - 145	2	15
Benzo(b)fluoranthene	ND		15.2	10.1		ug/L		66	54 - 140	5	15
Benzo(g,h,i)perylene	ND	F1	15.2	8.89	F1	ug/L		58	66 - 152	3	15
Benzo(k)fluoranthene	ND		15.2	9.06		ug/L		59	51 - 153	6	22
Biphenyl	ND		15.2	12.1		ug/L		79	30 - 140	5	20
bis (2-chloroisopropyl) ether	ND		15.2	13.3		ug/L		87	28 - 136	2	24
Bis(2-chloroethoxy)methane	ND		15.2	12.4		ug/L		81	50 - 128	6	17
Bis(2-chloroethyl)ether	ND		15.2	11.9		ug/L		78	51 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		15.2	10.5		ug/L		69	53 - 158	5	15
Butyl benzyl phthalate	0.43	J B	15.2	14.5		ug/L		92	58 - 163	2	16
Caprolactam	ND		30.5	10.5		ug/L		35	30 - 140	6	20
Carbazole	ND		15.2	14.5		ug/L		95	59 - 148	3	20
Chrysene	ND		15.2	10.6		ug/L		70	69 - 140	1	15
Dibenz(a,h)anthracene	ND	F1	15.2	8.30	F1	ug/L		55	57 - 158	6	15
Dibenzofuran	ND		15.2	12.5		ug/L		82	49 - 137	4	15
Diethyl phthalate	ND		15.2	14.2		ug/L		93	59 - 146	5	15
Dimethyl phthalate	ND		15.2	14.0		ug/L		92	59 - 141	5	15
Di-n-butyl phthalate	ND		15.2	15.0		ug/L		99	58 - 149	2	15
Di-n-octyl phthalate	0.59	J	15.2	10.5		ug/L		65	55 - 167	4	16
Fluoranthene	ND		15.2	14.3		ug/L		94	55 - 147	3	15
Fluorene	ND		15.2	13.2		ug/L		86	55 - 143	5	15
Hexachlorobenzene	ND		15.2	11.1		ug/L		73	38 - 131	2	15
Hexachlorobutadiene	ND		15.2	9.34		ug/L		61	14 - 130	4	44
Hexachlorocyclopentadiene	ND		15.2	8.57		ug/L		56	13 - 130	4	49
Hexachloroethane	ND		15.2	10.4		ug/L		68	14 - 130	2	46
Indeno(1,2,3-cd)pyrene	ND	F1	15.2	8.42	F1	ug/L		55	69 - 146	4	15
Isophorone	ND		15.2	13.6		ug/L		89	48 - 133	4	17
Naphthalene	ND		15.2	11.2		ug/L		74	35 - 130	3	29
Nitrobenzene	ND		15.2	12.7		ug/L		83	45 - 123	4	24
N-Nitrosodi-n-propylamine	ND		15.2	13.0		ug/L		86	56 - 120	4	31
N-Nitrosodiphenylamine	ND		15.2	13.2		ug/L		86	25 - 125	4	15
Pentachlorophenol	ND		30.5	22.8		ug/L		75	39 - 136	1	37
Phenanthrene	ND		15.2	13.0		ug/L		86	57 - 147	1	15
Phenol	ND		15.2	6.75		ug/L		44	17 - 120	3	34
Pyrene	ND		15.2	13.5		ug/L		89	58 - 136	2	19

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	83		52 - 132
2-Fluorobiphenyl	76		48 - 120
2-Fluorophenol	58		20 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MSD
Matrix: Ground Water
Analysis Batch: 291981

Client Sample ID: BCC Area B RFI-30-MSD-0316
Prep Type: Total/NA
Prep Batch: 291243

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5	78		46 - 120
Phenol-d5	42		16 - 120
p-Terphenyl-d14	62	X	67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-291212/1-A
Matrix: Water
Analysis Batch: 291442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 291212

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/16/16 08:30	03/16/16 20:22	1
Antimony	ND		0.020	0.0068	mg/L		03/16/16 08:30	03/16/16 20:22	1
Arsenic	ND		0.015	0.0056	mg/L		03/16/16 08:30	03/16/16 20:22	1
Barium	ND		0.0020	0.00070	mg/L		03/16/16 08:30	03/16/16 20:22	1
Beryllium	ND		0.0020	0.00030	mg/L		03/16/16 08:30	03/16/16 20:22	1
Cadmium	ND		0.0020	0.00050	mg/L		03/16/16 08:30	03/16/16 20:22	1
Calcium	ND		0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:22	1
Chromium	ND		0.0040	0.0010	mg/L		03/16/16 08:30	03/16/16 20:22	1
Cobalt	ND		0.0040	0.00063	mg/L		03/16/16 08:30	03/16/16 20:22	1
Copper	ND		0.010	0.0016	mg/L		03/16/16 08:30	03/16/16 20:22	1
Iron	ND		0.050	0.019	mg/L		03/16/16 08:30	03/16/16 20:22	1
Lead	ND		0.010	0.0030	mg/L		03/16/16 08:30	03/16/16 20:22	1
Magnesium	ND		0.20	0.043	mg/L		03/16/16 08:30	03/16/16 20:22	1
Manganese	ND		0.0030	0.00040	mg/L		03/16/16 08:30	03/16/16 20:22	1
Nickel	ND		0.010	0.0013	mg/L		03/16/16 08:30	03/16/16 20:22	1
Potassium	0.121	J	0.50	0.10	mg/L		03/16/16 08:30	03/16/16 20:22	1
Selenium	ND		0.025	0.0087	mg/L		03/16/16 08:30	03/16/16 20:22	1
Silver	ND		0.0060	0.0017	mg/L		03/16/16 08:30	03/16/16 20:22	1
Sodium	ND		1.0	0.32	mg/L		03/16/16 08:30	03/16/16 20:22	1
Thallium	ND		0.020	0.010	mg/L		03/16/16 08:30	03/16/16 20:22	1
Vanadium	ND		0.0050	0.0015	mg/L		03/16/16 08:30	03/16/16 20:22	1
Zinc	ND		0.010	0.0015	mg/L		03/16/16 08:30	03/16/16 20:22	1

Lab Sample ID: LCS 480-291212/2-A
Matrix: Water
Analysis Batch: 291442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 291212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	10.0	9.86		mg/L		99	80 - 120
Antimony	0.200	0.199		mg/L		100	80 - 120
Arsenic	0.200	0.204		mg/L		102	80 - 120
Barium	0.200	0.201		mg/L		100	80 - 120
Beryllium	0.200	0.203		mg/L		101	80 - 120
Cadmium	0.200	0.203		mg/L		102	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	0.198		mg/L		99	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: LCS 480-291212/2-A
Matrix: Water
Analysis Batch: 291442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 291212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Copper	0.200	0.196		mg/L		98		80 - 120
Iron	10.0	9.75		mg/L		98		80 - 120
Lead	0.200	0.203		mg/L		101		80 - 120
Magnesium	10.0	10.20		mg/L		102		80 - 120
Manganese	0.200	0.203		mg/L		102		80 - 120
Nickel	0.200	0.192		mg/L		96		80 - 120
Potassium	10.0	9.83		mg/L		98		80 - 120
Selenium	0.200	0.197		mg/L		98		80 - 120
Silver	0.0500	0.0463		mg/L		93		80 - 120
Sodium	10.0	10.03		mg/L		100		80 - 120
Thallium	0.200	0.200		mg/L		100		80 - 120
Vanadium	0.200	0.202		mg/L		101		80 - 120
Zinc	0.200	0.226		mg/L		113		80 - 120

Lab Sample ID: 480-96575-4 MS
Matrix: Ground Water
Analysis Batch: 291442

Client Sample ID: BCC Area B RFI-30-MS-0316
Prep Type: Total/NA
Prep Batch: 291212

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.	Limits
Aluminum	ND		10.0	10.38		mg/L		104		75 - 125
Antimony	ND		0.200	0.216		mg/L		108		75 - 125
Arsenic	0.0076	J	0.200	0.230		mg/L		111		75 - 125
Barium	0.028		0.200	0.223		mg/L		98		75 - 125
Beryllium	ND		0.200	0.208		mg/L		104		75 - 125
Cadmium	ND		0.200	0.219		mg/L		109		75 - 125
Calcium	263		10.0	275.2	4	mg/L		122		75 - 125
Chromium	0.38	F1	0.200	0.512	F1	mg/L		64		75 - 125
Cobalt	0.0019	J	0.200	0.214		mg/L		106		75 - 125
Copper	0.014		0.200	0.219		mg/L		103		75 - 125
Iron	3.2		10.0	12.46		mg/L		92		75 - 125
Lead	0.0039	J	0.200	0.223		mg/L		109		75 - 125
Magnesium	98.1		10.0	109.0	4	mg/L		109		75 - 125
Manganese	0.30		0.200	0.521		mg/L		109		75 - 125
Nickel	0.48		0.200	0.642		mg/L		83		75 - 125
Potassium	1.6	B	10.0	11.73		mg/L		101		75 - 125
Selenium	ND		0.200	0.203		mg/L		102		75 - 125
Silver	ND		0.0500	0.0497		mg/L		99		75 - 125
Sodium	342		10.0	355.6	4	mg/L		131		75 - 125
Thallium	ND		0.200	0.205		mg/L		102		75 - 125
Vanadium	0.0017	J	0.200	0.211		mg/L		105		75 - 125
Zinc	0.0093	J	0.200	0.234		mg/L		113		75 - 125

Lab Sample ID: 480-96575-4 MSD
Matrix: Ground Water
Analysis Batch: 291442

Client Sample ID: BCC Area B RFI-30-MSD-0316
Prep Type: Total/NA
Prep Batch: 291212

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
Aluminum	ND		10.0	10.19		mg/L		102		75 - 125	2	20
Antimony	ND		0.200	0.220		mg/L		110		75 - 125	2	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MSD
Matrix: Ground Water
Analysis Batch: 291442

Client Sample ID: BCC Area B RFI-30-MSD-0316
Prep Type: Total/NA
Prep Batch: 291212

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Arsenic	0.0076	J	0.200	0.226		mg/L		109	75 - 125	2	20
Barium	0.028		0.200	0.223		mg/L		98	75 - 125	0	20
Beryllium	ND		0.200	0.209		mg/L		104	75 - 125	0	20
Cadmium	ND		0.200	0.219		mg/L		109	75 - 125	0	20
Calcium	263		10.0	271.4	4	mg/L		84	75 - 125	1	20
Chromium	0.38	F1	0.200	0.517	F1	mg/L		67	75 - 125	1	20
Cobalt	0.0019	J	0.200	0.215		mg/L		106	75 - 125	0	20
Copper	0.014		0.200	0.220		mg/L		103	75 - 125	0	20
Iron	3.2		10.0	12.47		mg/L		92	75 - 125	0	20
Lead	0.0039	J	0.200	0.221		mg/L		109	75 - 125	1	20
Magnesium	98.1		10.0	108.3	4	mg/L		102	75 - 125	1	20
Manganese	0.30		0.200	0.517		mg/L		107	75 - 125	1	20
Nickel	0.48		0.200	0.639		mg/L		81	75 - 125	0	20
Potassium	1.6	B	10.0	11.76		mg/L		102	75 - 125	0	20
Selenium	ND		0.200	0.207		mg/L		104	75 - 125	2	20
Silver	ND		0.0500	0.0499		mg/L		100	75 - 125	0	20
Sodium	342		10.0	350.2	4	mg/L		77	75 - 125	2	20
Thallium	ND		0.200	0.208		mg/L		104	75 - 125	2	20
Vanadium	0.0017	J	0.200	0.212		mg/L		105	75 - 125	1	20
Zinc	0.0093	J	0.200	0.240		mg/L		115	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-291249/1-A
Matrix: Water
Analysis Batch: 291447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 291249

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		03/16/16 09:25	03/16/16 13:36	1

Lab Sample ID: LCS 480-291249/2-A
Matrix: Water
Analysis Batch: 291447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 291249

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Mercury	0.00667	0.00657		mg/L		98	80 - 120

Lab Sample ID: 480-96575-4 MS
Matrix: Ground Water
Analysis Batch: 291447

Client Sample ID: BCC Area B RFI-30-MS-0316
Prep Type: Total/NA
Prep Batch: 291249

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	ND		0.00667	0.00647		mg/L		97	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-96575-1

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

Lab Sample ID: 480-96575-4 MSD

Matrix: Ground Water

Analysis Batch: 291447

Client Sample ID: BCC Area B RFI-30-MSD-0316

Prep Type: Total/NA

Prep Batch: 291249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	ND		0.00667	0.00645		mg/L		97	80 - 120	0	20

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QC Association Summary

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

TestAmerica Job ID: 480-96575-1

GC/MS VOA

Analysis Batch: 291388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-1	BCC Area B RFI-18-0316	Total/NA	Ground Water	8260C	
480-96575-4	BCC Area B RFI-30-0316	Total/NA	Ground Water	8260C	
480-96575-4 MS	BCC Area B RFI-30-MS-0316	Total/NA	Ground Water	8260C	
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	Total/NA	Ground Water	8260C	
480-96575-5	BCC Area B RFI-30-D-0316	Total/NA	Water	8260C	
480-96575-6	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-291388/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-291388/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 291470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-2	BCC Area B RFI-27-0316	Total/NA	Ground Water	8260C	
480-96575-3	BCC Area B RFI-28-0316	Total/NA	Ground Water	8260C	
LCS 480-291470/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-291470/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 291243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-1	BCC Area B RFI-18-0316	Total/NA	Ground Water	3510C	
480-96575-2	BCC Area B RFI-27-0316	Total/NA	Ground Water	3510C	
480-96575-3	BCC Area B RFI-28-0316	Total/NA	Ground Water	3510C	
480-96575-4	BCC Area B RFI-30-0316	Total/NA	Ground Water	3510C	
480-96575-4 MS	BCC Area B RFI-30-MS-0316	Total/NA	Ground Water	3510C	
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	Total/NA	Ground Water	3510C	
480-96575-5	BCC Area B RFI-30-D-0316	Total/NA	Water	3510C	
LCS 480-291243/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-291243/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 291981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-1	BCC Area B RFI-18-0316	Total/NA	Ground Water	8270D	291243
480-96575-2	BCC Area B RFI-27-0316	Total/NA	Ground Water	8270D	291243
480-96575-3	BCC Area B RFI-28-0316	Total/NA	Ground Water	8270D	291243
480-96575-4	BCC Area B RFI-30-0316	Total/NA	Ground Water	8270D	291243
480-96575-4 MS	BCC Area B RFI-30-MS-0316	Total/NA	Ground Water	8270D	291243
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	Total/NA	Ground Water	8270D	291243
480-96575-5	BCC Area B RFI-30-D-0316	Total/NA	Water	8270D	291243
LCS 480-291243/2-A	Lab Control Sample	Total/NA	Water	8270D	291243
MB 480-291243/1-A	Method Blank	Total/NA	Water	8270D	291243

Metals

Prep Batch: 291212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-1	BCC Area B RFI-18-0316	Total/NA	Ground Water	3005A	
480-96575-2	BCC Area B RFI-27-0316	Total/NA	Ground Water	3005A	
480-96575-3	BCC Area B RFI-28-0316	Total/NA	Ground Water	3005A	
480-96575-4	BCC Area B RFI-30-0316	Total/NA	Ground Water	3005A	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-96575-1

Metals (Continued)

Prep Batch: 291212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-4 MS	BCC Area B RFI-30-MS-0316	Total/NA	Ground Water	3005A	
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	Total/NA	Ground Water	3005A	
480-96575-5	BCC Area B RFI-30-D-0316	Total/NA	Water	3005A	
480-96575-7	BCC Area B RFI-18F-0316	Total/NA	Water	3005A	
LCS 480-291212/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-291212/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 291249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-1	BCC Area B RFI-18-0316	Total/NA	Ground Water	7470A	
480-96575-2	BCC Area B RFI-27-0316	Total/NA	Ground Water	7470A	
480-96575-3	BCC Area B RFI-28-0316	Total/NA	Ground Water	7470A	
480-96575-4	BCC Area B RFI-30-0316	Total/NA	Ground Water	7470A	
480-96575-4 MS	BCC Area B RFI-30-MS-0316	Total/NA	Ground Water	7470A	
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	Total/NA	Ground Water	7470A	
480-96575-5	BCC Area B RFI-30-D-0316	Total/NA	Water	7470A	
480-96575-7	BCC Area B RFI-18F-0316	Total/NA	Water	7470A	
LCS 480-291249/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-291249/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 291442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-1	BCC Area B RFI-18-0316	Total/NA	Ground Water	6010C	291212
480-96575-2	BCC Area B RFI-27-0316	Total/NA	Ground Water	6010C	291212
480-96575-3	BCC Area B RFI-28-0316	Total/NA	Ground Water	6010C	291212
480-96575-4	BCC Area B RFI-30-0316	Total/NA	Ground Water	6010C	291212
480-96575-4 MS	BCC Area B RFI-30-MS-0316	Total/NA	Ground Water	6010C	291212
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	Total/NA	Ground Water	6010C	291212
480-96575-5	BCC Area B RFI-30-D-0316	Total/NA	Water	6010C	291212
480-96575-7	BCC Area B RFI-18F-0316	Total/NA	Water	6010C	291212
LCS 480-291212/2-A	Lab Control Sample	Total/NA	Water	6010C	291212
MB 480-291212/1-A	Method Blank	Total/NA	Water	6010C	291212

Analysis Batch: 291447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-96575-1	BCC Area B RFI-18-0316	Total/NA	Ground Water	7470A	291249
480-96575-2	BCC Area B RFI-27-0316	Total/NA	Ground Water	7470A	291249
480-96575-3	BCC Area B RFI-28-0316	Total/NA	Ground Water	7470A	291249
480-96575-4	BCC Area B RFI-30-0316	Total/NA	Ground Water	7470A	291249
480-96575-4 MS	BCC Area B RFI-30-MS-0316	Total/NA	Ground Water	7470A	291249
480-96575-4 MSD	BCC Area B RFI-30-MSD-0316	Total/NA	Ground Water	7470A	291249
480-96575-5	BCC Area B RFI-30-D-0316	Total/NA	Water	7470A	291249
480-96575-7	BCC Area B RFI-18F-0316	Total/NA	Water	7470A	291249
LCS 480-291249/2-A	Lab Control Sample	Total/NA	Water	7470A	291249
MB 480-291249/1-A	Method Blank	Total/NA	Water	7470A	291249

Lab Chronicle

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-18-0316

Lab Sample ID: 480-96575-1

Date Collected: 03/14/16 15:55

Matrix: Ground Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291388	03/17/16 04:50	GTG	TAL BUF
Total/NA	Prep	3510C			291243	03/16/16 08:14	RJS	TAL BUF
Total/NA	Analysis	8270D		1	291981	03/21/16 15:14	LMW	TAL BUF
Total/NA	Prep	3005A			291212	03/16/16 08:30	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	291442	03/16/16 20:28	AMH	TAL BUF
Total/NA	Prep	7470A			291249	03/16/16 09:25	TAS	TAL BUF
Total/NA	Analysis	7470A		1	291447	03/16/16 13:39	TAS	TAL BUF

Client Sample ID: BCC Area B RFI-27-0316

Lab Sample ID: 480-96575-2

Date Collected: 03/14/16 12:50

Matrix: Ground Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	291470	03/17/16 15:00	GVF	TAL BUF
Total/NA	Prep	3510C			291243	03/16/16 08:14	RJS	TAL BUF
Total/NA	Analysis	8270D		1	291981	03/21/16 15:44	LMW	TAL BUF
Total/NA	Prep	3005A			291212	03/16/16 08:30	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	291442	03/16/16 20:32	AMH	TAL BUF
Total/NA	Prep	7470A			291249	03/16/16 09:25	TAS	TAL BUF
Total/NA	Analysis	7470A		1	291447	03/16/16 13:42	TAS	TAL BUF

Client Sample ID: BCC Area B RFI-28-0316

Lab Sample ID: 480-96575-3

Date Collected: 03/14/16 13:30

Matrix: Ground Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	291470	03/17/16 15:25	GVF	TAL BUF
Total/NA	Prep	3510C			291243	03/16/16 08:14	RJS	TAL BUF
Total/NA	Analysis	8270D		1	291981	03/21/16 16:14	LMW	TAL BUF
Total/NA	Prep	3005A			291212	03/16/16 08:30	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	291442	03/16/16 20:35	AMH	TAL BUF
Total/NA	Prep	7470A			291249	03/16/16 09:25	TAS	TAL BUF
Total/NA	Analysis	7470A		1	291447	03/16/16 13:43	TAS	TAL BUF

Client Sample ID: BCC Area B RFI-30-0316

Lab Sample ID: 480-96575-4

Date Collected: 03/14/16 14:10

Matrix: Ground Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291388	03/17/16 06:02	GTG	TAL BUF
Total/NA	Prep	3510C			291243	03/16/16 08:14	RJS	TAL BUF
Total/NA	Analysis	8270D		1	291981	03/21/16 16:43	LMW	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-96575-1

Client Sample ID: BCC Area B RFI-30-0316

Lab Sample ID: 480-96575-4

Date Collected: 03/14/16 14:10

Matrix: Ground Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			291212	03/16/16 08:30	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	291442	03/16/16 20:38	AMH	TAL BUF
Total/NA	Prep	7470A			291249	03/16/16 09:25	TAS	TAL BUF
Total/NA	Analysis	7470A		1	291447	03/16/16 13:45	TAS	TAL BUF

Client Sample ID: BCC Area B RFI-30-D-0316

Lab Sample ID: 480-96575-5

Date Collected: 03/14/16 14:30

Matrix: Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291388	03/17/16 06:26	GTG	TAL BUF
Total/NA	Prep	3510C			291243	03/16/16 08:14	RJS	TAL BUF
Total/NA	Analysis	8270D		1	291981	03/21/16 17:13	LMW	TAL BUF
Total/NA	Prep	3005A			291212	03/16/16 08:30	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	291442	03/16/16 21:04	AMH	TAL BUF
Total/NA	Prep	7470A			291249	03/16/16 09:25	TAS	TAL BUF
Total/NA	Analysis	7470A		1	291447	03/16/16 13:52	TAS	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-96575-6

Date Collected: 03/14/16 00:00

Matrix: Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	291388	03/17/16 06:49	GTG	TAL BUF

Client Sample ID: BCC Area B RFI-18F-0316

Lab Sample ID: 480-96575-7

Date Collected: 03/14/16 16:05

Matrix: Water

Date Received: 03/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			291212	03/16/16 08:30	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	291442	03/16/16 21:10	AMH	TAL BUF
Total/NA	Prep	7470A			291249	03/16/16 09:25	TAS	TAL BUF
Total/NA	Analysis	7470A		1	291447	03/16/16 13:57	TAS	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-96575-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16 *

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* Certification renewal pending - certification considered valid.

Method Summary

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

TestAmerica Job ID: 480-96575-1

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 B Wells

TestAmerica Job ID: 480-96575-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-96575-1	BCC Area B RFI-18-0316	Ground Water	03/14/16 15:55	03/15/16 15:15
480-96575-2	BCC Area B RFI-27-0316	Ground Water	03/14/16 12:50	03/15/16 15:15
480-96575-3	BCC Area B RFI-28-0316	Ground Water	03/14/16 13:30	03/15/16 15:15
480-96575-4	BCC Area B RFI-30-0316	Ground Water	03/14/16 14:10	03/15/16 15:15
480-96575-5	BCC Area B RFI-30-D-0316	Water	03/14/16 14:30	03/15/16 15:15
480-96575-6	TRIP BLANK	Water	03/14/16 00:00	03/15/16 15:15
480-96575-7	BCC Area B RFI-18F-0316	Water	03/14/16 16:05	03/15/16 15:15



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 B Wells Site: HoneyWell Buffalo Color - NYC915230 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 <input 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: 3-15-16 Carrier: OSC		COC No: 2763650316 1 of 1 COCs Job No. 0913-OMIM SDG No.							
Sample Identification BCC_Area B_RFI-18_0316 BCC_Area B_RFI-27_0316 BCC_Area B_RFI-28_0316 BCC_Area B_RFI-30_0316 BCC_Area B_RFI-30_D_0316 BCC_Area B_RFI-30_MS_0316 BCC_Area B_RFI-30_MSD_0316 Trip Blank BCC-AREA B-RFI-18F-0316		Sample Date 3/14-16 1555 3/14-16 1250 3/14-16 1330 3/14-16 1410 3/14-16 1430 3/14-16 1445 3/14-16 1500 N/A N/A 3/14-16 1605		Sample Type G G G G G G G N/A G		Matrix W W W W W W W N/A W		# of Cont. 6 6 6 6 6 6 6 2 1		Container Volume (ml) 250 250 40 3-V 1-A 1900		Sample Specific Notes: 8260B - T1C 43 list (T1C VOC) 6010B, 7470A (TAL Metals) 8270C - (MOD) T1C 8VOA - 42 list + another	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4= HNO3 (Nitric) 5= NaOH (Sodium Hydroxide) 6= Other 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/OC Requirements & Comments: 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			
Relinquished by: Tom Wagner Date/Time: 3/15/16 15:15		Relinquished by: OSC Date/Time: 3/15/16 15:15		Relinquished by: Tom Wagner Date/Time: 3/15/16 15:15		Relinquished by: OSC Date/Time: 3/15/16 15:15		Relinquished by: Tom Wagner Date/Time: 3/15/16 15:15		Relinquished by: OSC Date/Time: 3/15/16 15:15			

3.9 A

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-96575-1

Login Number: 96575
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-100777-1

Client Project/Site: OSC- Former Buffalo Color Sites - 37745

Sampling Event: 37745-Buffalo Color Area B Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

6/8/2016 2:12:55 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

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

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

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

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Definitions/Glossary

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

TestAmerica Job ID: 480-100777-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.
X	Surrogate is outside control limits
*	RPD of the LCS and LCSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 480-100777-1

Job ID: 480-100777-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-100777-1

Comments

No additional comments.

Receipt

The samples were received on 5/26/2016 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 4.5° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-304494 recovered outside acceptance criteria, low biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: BCC Area B RFI-18_0616 (480-100777-1), BCC Area B RFI-27_0616 (480-100777-2), BCC Area B RFI-30_0616 (480-100777-4) and TRIP BLANK (480-100777-6).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27_0616 (480-100777-2), BCC Area B RFI-27_0616 (480-100777-2[MS]) and BCC Area B RFI-27_0616 (480-100777-2[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples was diluted to bring the concentration of target analytes within the calibration range: BCC Area B_RFI-27 D_0616 (480-100777-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-304494 recovered outside acceptance criteria, low biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data has been reported. The following sample is impacted: BCC Area B_RFI-27 D_0616 (480-100777-5).

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

GC/MS Semi VOA

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area B RFI-27_0616 (480-100777-2[MSD]). These results have been reported and qualified.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-303991 and analytical batch 480-304511 recovered outside control limits for the following analyte: Benzaldehyde. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-304511 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether, 3,3'-Dichlorobenzidine, Bis(2-chloroethyl)ether, Butyl benzyl phthalate and Di-n-octyl phthalate. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. BCC Area B RFI-18_0616 (480-100777-1), BCC Area B RFI-27_0616 (480-100777-2), BCC Area B RFI-28_0616 (480-100777-3), BCC Area B RFI-30_0616 (480-100777-4) and BCC Area B_RFI-27 D_0616 (480-100777-5).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-304511 recovered above the upper control limit for 2,4-Dinitrophenol. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: BCC Area B RFI-18_0616 (480-100777-1), BCC Area B RFI-27_0616 (480-100777-2), BCC Area B RFI-28_0616 (480-100777-3), BCC Area B RFI-30_0616 (480-100777-4) and BCC Area B_RFI-27 D_0616 (480-100777-5).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-305221 recovered outside acceptance criteria, low biased, for 2,2'-oxybis[1-chloropropane], 2-Nitroaniline, Benzaldehyde. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Case Narrative

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

TestAmerica Job ID: 480-100777-1

Job ID: 480-100777-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8270D: Surrogate recovery for the following sample was outside control limits: BCC Area B RFI-18_0616 (480-100777-1). Re-extraction and/or re-analysis was performed outside of holding time with acceptable results. Both sets of data have been reported.

Method(s) 8270D: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-305000 and analytical batch 480-305221 recovered outside control limits for the following analyte: Aniline. The associated sample(s) was not re-extracted due to insufficient volume available. The original extraction and analysis recovered within limits for this analyte. Both sets of data have been reported: BCC Area B RFI-18_0616 (480-100777-1).

Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 480-305000 recovered outside control limits for multiple analytes: BCC Area B RFI-18_0616 (480-100777-1).

Method(s) 8270D: The following sample was re-extracted outside of preparation holding time due to low recovery of two base surrogates in the original analysis: BCC Area B RFI-18_0616 (480-100777-1). Both sets of data have been reported.

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: Reanalysis of the following samples was performed outside of the analytical holding time due to Nitrobenzene-d5 and p-Terphenyl-d14 being low: BCC Area B RFI-18_0616 (480-100777-1).

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: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-18_0616

Lab Sample ID: 480-100777-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	1.9	J	9.2	0.56	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.31	J	4.6	0.29	ug/L	1		8270D	Total/NA
Aniline - RE	3.3	J H *	9.5	0.58	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate - RE	0.65	J H *	4.7	0.29	ug/L	1		8270D	Total/NA
Aluminum	0.80		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.072		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	500		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.018		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0088		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.017		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	12.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0071	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	156		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.032		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	588		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.019	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-27_0616

Lab Sample ID: 480-100777-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	7.3	J	8.0	3.5	ug/L	8		8260C	Total/NA
Tetrachloroethene	480	F1	8.0	2.9	ug/L	8		8260C	Total/NA
Trichloroethene	45		8.0	3.7	ug/L	8		8260C	Total/NA
Barium	0.034		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	218		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.32		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.017		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.010		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.2		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	97.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75	F1	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.94		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	306		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0046	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28_0616

Lab Sample ID: 480-100777-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	10	3.0	ug/L	1		8260C	Total/NA
Carbon disulfide	0.52	J	1.0	0.19	ug/L	1		8260C	Total/NA
4-Chloroaniline	2.3	J	4.7	0.55	ug/L	1		8270D	Total/NA
Aniline	2.1	J	9.4	0.57	ug/L	1		8270D	Total/NA
Benzaldehyde	0.32	J *	4.7	0.25	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.42	J	4.7	0.29	ug/L	1		8270D	Total/NA
Aluminum	0.20		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.024		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.020		0.0020	0.00070	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-28_0616 (Continued)

Lab Sample ID: 480-100777-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.00084	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.00088	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	99.7		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.013		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0012	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.016		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.83		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0059	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	11.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.12		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.015		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	261		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.010		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0096	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30_0616

Lab Sample ID: 480-100777-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.023		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	131		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.045		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.021		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.94		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	40.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.7		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.27		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	136		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0092	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B_RFI-27 D_0616

Lab Sample ID: 480-100777-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.41	J	1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	2.9		1.0	0.75	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	44		1.0	0.46	ug/L	1		8260C	Total/NA
Tetrachloroethene - DL	510		10	3.6	ug/L	10		8260C	Total/NA
Barium	0.033		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	214		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.33		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.017		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.011		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	96.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75		0.0030	0.00040	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: 480-100777-1

Client Sample ID: BCC Area B_RFI-27 D_0616 (Continued)

Lab Sample ID: 480-100777-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.93		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	300		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0046	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100777-6

No Detections.

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: 480-100777-1

Client Sample ID: BCC Area B RFI-18_0616

Lab Sample ID: 480-100777-1

Date Collected: 05/26/16 13:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/01/16 16:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/01/16 16:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/01/16 16:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/01/16 16:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/01/16 16:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/01/16 16:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/01/16 16:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/01/16 16:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/01/16 16:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/01/16 16:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/01/16 16:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/01/16 16:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/01/16 16:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/01/16 16:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/16 16:19	1
2-Hexanone	ND		5.0	1.2	ug/L			06/01/16 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/01/16 16:19	1
Acetone	ND		10	3.0	ug/L			06/01/16 16:19	1
Benzene	ND		1.0	0.41	ug/L			06/01/16 16:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/01/16 16:19	1
Bromoform	ND		1.0	0.26	ug/L			06/01/16 16:19	1
Bromomethane	ND		1.0	0.69	ug/L			06/01/16 16:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/01/16 16:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/01/16 16:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/01/16 16:19	1
Chloroethane	ND		1.0	0.32	ug/L			06/01/16 16:19	1
Chloroform	ND		1.0	0.34	ug/L			06/01/16 16:19	1
Chloromethane	ND		1.0	0.35	ug/L			06/01/16 16:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/01/16 16:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/01/16 16:19	1
Cyclohexane	ND		1.0	0.18	ug/L			06/01/16 16:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/01/16 16:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/01/16 16:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/01/16 16:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/01/16 16:19	1
Methyl acetate	ND		2.5	1.3	ug/L			06/01/16 16:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/01/16 16:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/01/16 16:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/01/16 16:19	1
Styrene	ND		1.0	0.73	ug/L			06/01/16 16:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/01/16 16:19	1
Toluene	ND		1.0	0.51	ug/L			06/01/16 16:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/01/16 16:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/01/16 16:19	1
Trichloroethene	ND		1.0	0.46	ug/L			06/01/16 16:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/01/16 16:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/01/16 16:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/01/16 16:19	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-18_0616

Lab Sample ID: 480-100777-1

Date Collected: 05/26/16 13:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		66 - 137		06/01/16 16:19	1
4-Bromofluorobenzene (Surr)	108		73 - 120		06/01/16 16:19	1
Toluene-d8 (Surr)	85		71 - 126		06/01/16 16:19	1
Dibromofluoromethane (Surr)	82		60 - 140		06/01/16 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		05/27/16 08:11	06/01/16 16:34	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		05/27/16 08:11	06/01/16 16:34	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		05/27/16 08:11	06/01/16 16:34	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		05/27/16 08:11	06/01/16 16:34	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		05/27/16 08:11	06/01/16 16:34	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		05/27/16 08:11	06/01/16 16:34	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 16:34	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		05/27/16 08:11	06/01/16 16:34	1
2-Chlorophenol	ND		4.6	0.49	ug/L		05/27/16 08:11	06/01/16 16:34	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		05/27/16 08:11	06/01/16 16:34	1
2-Methylphenol	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 16:34	1
2-Nitroaniline	ND		9.2	0.39	ug/L		05/27/16 08:11	06/01/16 16:34	1
2-Nitrophenol	ND		4.6	0.44	ug/L		05/27/16 08:11	06/01/16 16:34	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 16:34	1
3-Nitroaniline	ND		9.2	0.44	ug/L		05/27/16 08:11	06/01/16 16:34	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		05/27/16 08:11	06/01/16 16:34	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		05/27/16 08:11	06/01/16 16:34	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		05/27/16 08:11	06/01/16 16:34	1
4-Chloroaniline	ND		4.6	0.54	ug/L		05/27/16 08:11	06/01/16 16:34	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		05/27/16 08:11	06/01/16 16:34	1
4-Methylphenol	ND		9.2	0.33	ug/L		05/27/16 08:11	06/01/16 16:34	1
4-Nitroaniline	ND		9.2	0.23	ug/L		05/27/16 08:11	06/01/16 16:34	1
4-Nitrophenol	ND		9.2	1.4	ug/L		05/27/16 08:11	06/01/16 16:34	1
Acenaphthene	ND		4.6	0.38	ug/L		05/27/16 08:11	06/01/16 16:34	1
Acenaphthylene	ND		4.6	0.35	ug/L		05/27/16 08:11	06/01/16 16:34	1
Acetophenone	ND		4.6	0.50	ug/L		05/27/16 08:11	06/01/16 16:34	1
Aniline	1.9	J	9.2	0.56	ug/L		05/27/16 08:11	06/01/16 16:34	1
Anthracene	ND		4.6	0.26	ug/L		05/27/16 08:11	06/01/16 16:34	1
Atrazine	ND		4.6	0.42	ug/L		05/27/16 08:11	06/01/16 16:34	1
Benzaldehyde	ND	*	4.6	0.25	ug/L		05/27/16 08:11	06/01/16 16:34	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 16:34	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		05/27/16 08:11	06/01/16 16:34	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		05/27/16 08:11	06/01/16 16:34	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		05/27/16 08:11	06/01/16 16:34	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		05/27/16 08:11	06/01/16 16:34	1
Biphenyl	ND		4.6	0.60	ug/L		05/27/16 08:11	06/01/16 16:34	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		05/27/16 08:11	06/01/16 16:34	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		05/27/16 08:11	06/01/16 16:34	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 16:34	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		05/27/16 08:11	06/01/16 16:34	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		05/27/16 08:11	06/01/16 16:34	1
Caprolactam	ND		4.6	2.0	ug/L		05/27/16 08:11	06/01/16 16:34	1
Carbazole	ND		4.6	0.28	ug/L		05/27/16 08:11	06/01/16 16:34	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-18_0616

Lab Sample ID: 480-100777-1

Date Collected: 05/26/16 13:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.30	ug/L		05/27/16 08:11	06/01/16 16:34	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		05/27/16 08:11	06/01/16 16:34	1
Dibenzofuran	ND		9.2	0.47	ug/L		05/27/16 08:11	06/01/16 16:34	1
Diethyl phthalate	ND		4.6	0.20	ug/L		05/27/16 08:11	06/01/16 16:34	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 16:34	1
Di-n-butyl phthalate	0.31	J	4.6	0.29	ug/L		05/27/16 08:11	06/01/16 16:34	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		05/27/16 08:11	06/01/16 16:34	1
Fluoranthene	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 16:34	1
Fluorene	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 16:34	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		05/27/16 08:11	06/01/16 16:34	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		05/27/16 08:11	06/01/16 16:34	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		05/27/16 08:11	06/01/16 16:34	1
Hexachloroethane	ND		4.6	0.54	ug/L		05/27/16 08:11	06/01/16 16:34	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		05/27/16 08:11	06/01/16 16:34	1
Isophorone	ND		4.6	0.40	ug/L		05/27/16 08:11	06/01/16 16:34	1
Naphthalene	ND		4.6	0.70	ug/L		05/27/16 08:11	06/01/16 16:34	1
Nitrobenzene	ND		4.6	0.27	ug/L		05/27/16 08:11	06/01/16 16:34	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		05/27/16 08:11	06/01/16 16:34	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		05/27/16 08:11	06/01/16 16:34	1
Pentachlorophenol	ND		9.2	2.0	ug/L		05/27/16 08:11	06/01/16 16:34	1
Phenanthrene	ND		4.6	0.40	ug/L		05/27/16 08:11	06/01/16 16:34	1
Phenol	ND		4.6	0.36	ug/L		05/27/16 08:11	06/01/16 16:34	1
Pyrene	ND		4.6	0.31	ug/L		05/27/16 08:11	06/01/16 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		52 - 132	05/27/16 08:11	06/01/16 16:34	1
2-Fluorobiphenyl	49		48 - 120	05/27/16 08:11	06/01/16 16:34	1
2-Fluorophenol	27		20 - 120	05/27/16 08:11	06/01/16 16:34	1
Nitrobenzene-d5	41	X	46 - 120	05/27/16 08:11	06/01/16 16:34	1
Phenol-d5	21		16 - 120	05/27/16 08:11	06/01/16 16:34	1
p-Terphenyl-d14	55	X	67 - 150	05/27/16 08:11	06/01/16 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND	H *	4.7	0.45	ug/L		06/03/16 14:04	06/06/16 14:52	1
2,4,6-Trichlorophenol	ND	H *	4.7	0.58	ug/L		06/03/16 14:04	06/06/16 14:52	1
2,4-Dichlorophenol	ND	H	4.7	0.48	ug/L		06/03/16 14:04	06/06/16 14:52	1
2,4-Dimethylphenol	ND	H	4.7	0.47	ug/L		06/03/16 14:04	06/06/16 14:52	1
2,4-Dinitrophenol	ND	H	9.5	2.1	ug/L		06/03/16 14:04	06/06/16 14:52	1
2,4-Dinitrotoluene	ND	H	4.7	0.42	ug/L		06/03/16 14:04	06/06/16 14:52	1
2,6-Dinitrotoluene	ND	H *	4.7	0.38	ug/L		06/03/16 14:04	06/06/16 14:52	1
2-Chloronaphthalene	ND	H *	4.7	0.43	ug/L		06/03/16 14:04	06/06/16 14:52	1
2-Chlorophenol	ND	H	4.7	0.50	ug/L		06/03/16 14:04	06/06/16 14:52	1
2-Methylnaphthalene	ND	H	4.7	0.57	ug/L		06/03/16 14:04	06/06/16 14:52	1
2-Methylphenol	ND	H	4.7	0.38	ug/L		06/03/16 14:04	06/06/16 14:52	1
2-Nitroaniline	ND	H *	9.5	0.40	ug/L		06/03/16 14:04	06/06/16 14:52	1
2-Nitrophenol	ND	H	4.7	0.45	ug/L		06/03/16 14:04	06/06/16 14:52	1
3,3'-Dichlorobenzidine	ND	H	4.7	0.38	ug/L		06/03/16 14:04	06/06/16 14:52	1
3-Nitroaniline	ND	H	9.5	0.45	ug/L		06/03/16 14:04	06/06/16 14:52	1
4,6-Dinitro-2-methylphenol	ND	H	9.5	2.1	ug/L		06/03/16 14:04	06/06/16 14:52	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-18_0616

Lab Sample ID: 480-100777-1

Date Collected: 05/26/16 13:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND	H *	4.7	0.43	ug/L		06/03/16 14:04	06/06/16 14:52	1
4-Chloro-3-methylphenol	ND	H	4.7	0.43	ug/L		06/03/16 14:04	06/06/16 14:52	1
4-Chloroaniline	ND	H	4.7	0.56	ug/L		06/03/16 14:04	06/06/16 14:52	1
4-Chlorophenyl phenyl ether	ND	H *	4.7	0.33	ug/L		06/03/16 14:04	06/06/16 14:52	1
4-Methylphenol	ND	H	9.5	0.34	ug/L		06/03/16 14:04	06/06/16 14:52	1
4-Nitroaniline	ND	H	9.5	0.24	ug/L		06/03/16 14:04	06/06/16 14:52	1
4-Nitrophenol	ND	H	9.5	1.4	ug/L		06/03/16 14:04	06/06/16 14:52	1
Acenaphthene	ND	H	4.7	0.39	ug/L		06/03/16 14:04	06/06/16 14:52	1
Acenaphthylene	ND	H *	4.7	0.36	ug/L		06/03/16 14:04	06/06/16 14:52	1
Acetophenone	ND	H	4.7	0.51	ug/L		06/03/16 14:04	06/06/16 14:52	1
Aniline	3.3	J H *	9.5	0.58	ug/L		06/03/16 14:04	06/06/16 14:52	1
Anthracene	ND	H *	4.7	0.26	ug/L		06/03/16 14:04	06/06/16 14:52	1
Atrazine	ND	H	4.7	0.43	ug/L		06/03/16 14:04	06/06/16 14:52	1
Benzaldehyde	ND	H	4.7	0.25	ug/L		06/03/16 14:04	06/06/16 14:52	1
Benzo(a)anthracene	ND	H *	4.7	0.34	ug/L		06/03/16 14:04	06/06/16 14:52	1
Benzo(a)pyrene	ND	H *	4.7	0.44	ug/L		06/03/16 14:04	06/06/16 14:52	1
Benzo(b)fluoranthene	ND	H *	4.7	0.32	ug/L		06/03/16 14:04	06/06/16 14:52	1
Benzo(g,h,i)perylene	ND	H *	4.7	0.33	ug/L		06/03/16 14:04	06/06/16 14:52	1
Benzo(k)fluoranthene	ND	H	4.7	0.69	ug/L		06/03/16 14:04	06/06/16 14:52	1
Biphenyl	ND	H *	4.7	0.62	ug/L		06/03/16 14:04	06/06/16 14:52	1
bis (2-chloroisopropyl) ether	ND	H	4.7	0.49	ug/L		06/03/16 14:04	06/06/16 14:52	1
Bis(2-chloroethoxy)methane	ND	H	4.7	0.33	ug/L		06/03/16 14:04	06/06/16 14:52	1
Bis(2-chloroethyl)ether	ND	H	4.7	0.38	ug/L		06/03/16 14:04	06/06/16 14:52	1
Bis(2-ethylhexyl) phthalate	ND	H *	4.7	2.1	ug/L		06/03/16 14:04	06/06/16 14:52	1
Butyl benzyl phthalate	ND	H *	4.7	0.95	ug/L		06/03/16 14:04	06/06/16 14:52	1
Caprolactam	ND	H	4.7	2.1	ug/L		06/03/16 14:04	06/06/16 14:52	1
Carbazole	ND	H *	4.7	0.28	ug/L		06/03/16 14:04	06/06/16 14:52	1
Chrysene	ND	H *	4.7	0.31	ug/L		06/03/16 14:04	06/06/16 14:52	1
Dibenz(a,h)anthracene	ND	H *	4.7	0.40	ug/L		06/03/16 14:04	06/06/16 14:52	1
Dibenzofuran	ND	H *	9.5	0.48	ug/L		06/03/16 14:04	06/06/16 14:52	1
Diethyl phthalate	ND	H *	4.7	0.21	ug/L		06/03/16 14:04	06/06/16 14:52	1
Dimethyl phthalate	ND	H *	4.7	0.34	ug/L		06/03/16 14:04	06/06/16 14:52	1
Di-n-butyl phthalate	0.65	J H *	4.7	0.29	ug/L		06/03/16 14:04	06/06/16 14:52	1
Di-n-octyl phthalate	ND	H	4.7	0.44	ug/L		06/03/16 14:04	06/06/16 14:52	1
Fluoranthene	ND	H *	4.7	0.38	ug/L		06/03/16 14:04	06/06/16 14:52	1
Fluorene	ND	H *	4.7	0.34	ug/L		06/03/16 14:04	06/06/16 14:52	1
Hexachlorobenzene	ND	H *	4.7	0.48	ug/L		06/03/16 14:04	06/06/16 14:52	1
Hexachlorobutadiene	ND	H	4.7	0.64	ug/L		06/03/16 14:04	06/06/16 14:52	1
Hexachlorocyclopentadiene	ND	H	4.7	0.56	ug/L		06/03/16 14:04	06/06/16 14:52	1
Hexachloroethane	ND	H	4.7	0.56	ug/L		06/03/16 14:04	06/06/16 14:52	1
Indeno(1,2,3-cd)pyrene	ND	H *	4.7	0.44	ug/L		06/03/16 14:04	06/06/16 14:52	1
Isophorone	ND	H *	4.7	0.41	ug/L		06/03/16 14:04	06/06/16 14:52	1
Naphthalene	ND	H	4.7	0.72	ug/L		06/03/16 14:04	06/06/16 14:52	1
Nitrobenzene	ND	H	4.7	0.27	ug/L		06/03/16 14:04	06/06/16 14:52	1
N-Nitrosodi-n-propylamine	ND	H	4.7	0.51	ug/L		06/03/16 14:04	06/06/16 14:52	1
N-Nitrosodiphenylamine	ND	H *	4.7	0.48	ug/L		06/03/16 14:04	06/06/16 14:52	1
Pentachlorophenol	ND	H	9.5	2.1	ug/L		06/03/16 14:04	06/06/16 14:52	1
Phenanthrene	ND	H *	4.7	0.42	ug/L		06/03/16 14:04	06/06/16 14:52	1
Phenol	ND	H	4.7	0.37	ug/L		06/03/16 14:04	06/06/16 14:52	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-18_0616

Lab Sample ID: 480-100777-1

Date Collected: 05/26/16 13:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND	H *	4.7	0.32	ug/L		06/03/16 14:04	06/06/16 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 132				06/03/16 14:04	06/06/16 14:52	1
2-Fluorobiphenyl	96		48 - 120				06/03/16 14:04	06/06/16 14:52	1
2-Fluorophenol	71		20 - 120				06/03/16 14:04	06/06/16 14:52	1
Nitrobenzene-d5	85		46 - 120				06/03/16 14:04	06/06/16 14:52	1
Phenol-d5	56		16 - 120				06/03/16 14:04	06/06/16 14:52	1
p-Terphenyl-d14	108		67 - 150				06/03/16 14:04	06/06/16 14:52	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.80		0.20	0.060	mg/L		05/27/16 11:05	05/28/16 14:34	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 11:05	05/28/16 14:34	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 11:05	05/28/16 14:34	1
Barium	0.072		0.0020	0.00070	mg/L		05/27/16 11:05	05/28/16 14:34	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 11:05	05/28/16 14:34	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 11:05	05/28/16 14:34	1
Calcium	500		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 14:34	1
Chromium	0.018		0.0040	0.0010	mg/L		05/27/16 11:05	05/28/16 14:34	1
Cobalt	0.0088		0.0040	0.00063	mg/L		05/27/16 11:05	05/28/16 14:34	1
Copper	0.017		0.010	0.0016	mg/L		05/27/16 11:05	05/28/16 14:34	1
Iron	12.1		0.050	0.019	mg/L		05/27/16 11:05	05/28/16 14:34	1
Lead	0.0071	J	0.010	0.0030	mg/L		05/27/16 11:05	05/28/16 14:34	1
Magnesium	156		0.20	0.043	mg/L		05/27/16 11:05	05/28/16 14:34	1
Manganese	2.5		0.0030	0.00040	mg/L		05/27/16 11:05	05/28/16 14:34	1
Nickel	0.032		0.010	0.0013	mg/L		05/27/16 11:05	05/28/16 14:34	1
Potassium	1.9		0.50	0.10	mg/L		05/27/16 11:05	05/31/16 14:36	1
Selenium	ND		0.025	0.0087	mg/L		05/27/16 11:05	05/28/16 14:34	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 11:05	05/28/16 14:34	1
Sodium	588		1.0	0.32	mg/L		05/27/16 11:05	05/31/16 14:36	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 11:05	05/28/16 14:34	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 11:05	05/28/16 14:34	1
Zinc	0.019	B	0.010	0.0015	mg/L		05/27/16 11:05	05/28/16 14:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 13:22	1

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-27_0616

Lab Sample ID: 480-100777-2

Date Collected: 05/26/16 08:40

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			06/01/16 16:42	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			06/01/16 16:42	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			06/01/16 16:42	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			06/01/16 16:42	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			06/01/16 16:42	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			06/01/16 16:42	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			06/01/16 16:42	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			06/01/16 16:42	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			06/01/16 16:42	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			06/01/16 16:42	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			06/01/16 16:42	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			06/01/16 16:42	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			06/01/16 16:42	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			06/01/16 16:42	8
2-Butanone (MEK)	ND		80	11	ug/L			06/01/16 16:42	8
2-Hexanone	ND		40	9.9	ug/L			06/01/16 16:42	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			06/01/16 16:42	8
Acetone	ND		80	24	ug/L			06/01/16 16:42	8
Benzene	ND		8.0	3.3	ug/L			06/01/16 16:42	8
Bromodichloromethane	ND		8.0	3.1	ug/L			06/01/16 16:42	8
Bromoform	ND		8.0	2.1	ug/L			06/01/16 16:42	8
Bromomethane	ND		8.0	5.5	ug/L			06/01/16 16:42	8
Carbon disulfide	ND		8.0	1.5	ug/L			06/01/16 16:42	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			06/01/16 16:42	8
Chlorobenzene	ND		8.0	6.0	ug/L			06/01/16 16:42	8
Chloroethane	ND		8.0	2.6	ug/L			06/01/16 16:42	8
Chloroform	ND		8.0	2.7	ug/L			06/01/16 16:42	8
Chloromethane	ND		8.0	2.8	ug/L			06/01/16 16:42	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			06/01/16 16:42	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			06/01/16 16:42	8
Cyclohexane	ND		8.0	1.4	ug/L			06/01/16 16:42	8
Dibromochloromethane	ND		8.0	2.6	ug/L			06/01/16 16:42	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			06/01/16 16:42	8
Ethylbenzene	ND		8.0	5.9	ug/L			06/01/16 16:42	8
Isopropylbenzene	ND		8.0	6.3	ug/L			06/01/16 16:42	8
Methyl acetate	ND		20	10	ug/L			06/01/16 16:42	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			06/01/16 16:42	8
Methylcyclohexane	ND		8.0	1.3	ug/L			06/01/16 16:42	8
Methylene Chloride	7.3	J	8.0	3.5	ug/L			06/01/16 16:42	8
Styrene	ND		8.0	5.8	ug/L			06/01/16 16:42	8
Tetrachloroethene	480	F1	8.0	2.9	ug/L			06/01/16 16:42	8
Toluene	ND		8.0	4.1	ug/L			06/01/16 16:42	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			06/01/16 16:42	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			06/01/16 16:42	8
Trichloroethene	45		8.0	3.7	ug/L			06/01/16 16:42	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			06/01/16 16:42	8
Vinyl chloride	ND		8.0	7.2	ug/L			06/01/16 16:42	8
Xylenes, Total	ND		16	5.3	ug/L			06/01/16 16:42	8

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-27_0616

Lab Sample ID: 480-100777-2

Date Collected: 05/26/16 08:40

Matrix: Ground Water

Date Received: 05/26/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		66 - 137		06/01/16 16:42	8
4-Bromofluorobenzene (Surr)	110		73 - 120		06/01/16 16:42	8
Toluene-d8 (Surr)	87		71 - 126		06/01/16 16:42	8
Dibromofluoromethane (Surr)	82		60 - 140		06/01/16 16:42	8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND	F2	4.6	0.45	ug/L		05/27/16 08:11	06/01/16 17:03	1
2,4,6-Trichlorophenol	ND	F2	4.6	0.57	ug/L		05/27/16 08:11	06/01/16 17:03	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		05/27/16 08:11	06/01/16 17:03	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		05/27/16 08:11	06/01/16 17:03	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		05/27/16 08:11	06/01/16 17:03	1
2,4-Dinitrotoluene	ND	F2	4.6	0.41	ug/L		05/27/16 08:11	06/01/16 17:03	1
2,6-Dinitrotoluene	ND	F2	4.6	0.37	ug/L		05/27/16 08:11	06/01/16 17:03	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		05/27/16 08:11	06/01/16 17:03	1
2-Chlorophenol	ND		4.6	0.49	ug/L		05/27/16 08:11	06/01/16 17:03	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		05/27/16 08:11	06/01/16 17:03	1
2-Methylphenol	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 17:03	1
2-Nitroaniline	ND	F2	9.3	0.39	ug/L		05/27/16 08:11	06/01/16 17:03	1
2-Nitrophenol	ND		4.6	0.45	ug/L		05/27/16 08:11	06/01/16 17:03	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 17:03	1
3-Nitroaniline	ND		9.3	0.45	ug/L		05/27/16 08:11	06/01/16 17:03	1
4,6-Dinitro-2-methylphenol	ND	F2	9.3	2.0	ug/L		05/27/16 08:11	06/01/16 17:03	1
4-Bromophenyl phenyl ether	ND	F2	4.6	0.42	ug/L		05/27/16 08:11	06/01/16 17:03	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		05/27/16 08:11	06/01/16 17:03	1
4-Chloroaniline	ND		4.6	0.55	ug/L		05/27/16 08:11	06/01/16 17:03	1
4-Chlorophenyl phenyl ether	ND	F2	4.6	0.32	ug/L		05/27/16 08:11	06/01/16 17:03	1
4-Methylphenol	ND		9.3	0.33	ug/L		05/27/16 08:11	06/01/16 17:03	1
4-Nitroaniline	ND		9.3	0.23	ug/L		05/27/16 08:11	06/01/16 17:03	1
4-Nitrophenol	ND		9.3	1.4	ug/L		05/27/16 08:11	06/01/16 17:03	1
Acenaphthene	ND		4.6	0.38	ug/L		05/27/16 08:11	06/01/16 17:03	1
Acenaphthylene	ND	F2	4.6	0.35	ug/L		05/27/16 08:11	06/01/16 17:03	1
Acetophenone	ND		4.6	0.50	ug/L		05/27/16 08:11	06/01/16 17:03	1
Aniline	ND		9.3	0.57	ug/L		05/27/16 08:11	06/01/16 17:03	1
Anthracene	ND	F2	4.6	0.26	ug/L		05/27/16 08:11	06/01/16 17:03	1
Atrazine	ND		4.6	0.43	ug/L		05/27/16 08:11	06/01/16 17:03	1
Benzaldehyde	ND	*	4.6	0.25	ug/L		05/27/16 08:11	06/01/16 17:03	1
Benzo(a)anthracene	ND	F2	4.6	0.33	ug/L		05/27/16 08:11	06/01/16 17:03	1
Benzo(a)pyrene	ND	F1 F2	4.6	0.44	ug/L		05/27/16 08:11	06/01/16 17:03	1
Benzo(b)fluoranthene	ND	F1 F2	4.6	0.32	ug/L		05/27/16 08:11	06/01/16 17:03	1
Benzo(g,h,i)perylene	ND	F1 F2	4.6	0.32	ug/L		05/27/16 08:11	06/01/16 17:03	1
Benzo(k)fluoranthene	ND	F1	4.6	0.68	ug/L		05/27/16 08:11	06/01/16 17:03	1
Biphenyl	ND		4.6	0.61	ug/L		05/27/16 08:11	06/01/16 17:03	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		05/27/16 08:11	06/01/16 17:03	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		05/27/16 08:11	06/01/16 17:03	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 17:03	1
Bis(2-ethylhexyl) phthalate	ND	F1 F2	4.6	2.0	ug/L		05/27/16 08:11	06/01/16 17:03	1
Butyl benzyl phthalate	ND	F2	4.6	0.93	ug/L		05/27/16 08:11	06/01/16 17:03	1
Caprolactam	ND	F1	4.6	2.0	ug/L		05/27/16 08:11	06/01/16 17:03	1
Carbazole	ND	F2	4.6	0.28	ug/L		05/27/16 08:11	06/01/16 17:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-27_0616

Lab Sample ID: 480-100777-2

Date Collected: 05/26/16 08:40

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND	F1 F2	4.6	0.31	ug/L		05/27/16 08:11	06/01/16 17:03	1
Dibenz(a,h)anthracene	ND	F1 F2	4.6	0.39	ug/L		05/27/16 08:11	06/01/16 17:03	1
Dibenzofuran	ND	F2	9.3	0.47	ug/L		05/27/16 08:11	06/01/16 17:03	1
Diethyl phthalate	ND	F2	4.6	0.20	ug/L		05/27/16 08:11	06/01/16 17:03	1
Dimethyl phthalate	ND	F2	4.6	0.33	ug/L		05/27/16 08:11	06/01/16 17:03	1
Di-n-butyl phthalate	ND	F2	4.6	0.29	ug/L		05/27/16 08:11	06/01/16 17:03	1
Di-n-octyl phthalate	ND	F1 F2	4.6	0.44	ug/L		05/27/16 08:11	06/01/16 17:03	1
Fluoranthene	ND	F2	4.6	0.37	ug/L		05/27/16 08:11	06/01/16 17:03	1
Fluorene	ND	F2	4.6	0.33	ug/L		05/27/16 08:11	06/01/16 17:03	1
Hexachlorobenzene	ND	F2	4.6	0.47	ug/L		05/27/16 08:11	06/01/16 17:03	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		05/27/16 08:11	06/01/16 17:03	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		05/27/16 08:11	06/01/16 17:03	1
Hexachloroethane	ND		4.6	0.55	ug/L		05/27/16 08:11	06/01/16 17:03	1
Indeno(1,2,3-cd)pyrene	ND	F1 F2	4.6	0.44	ug/L		05/27/16 08:11	06/01/16 17:03	1
Isophorone	ND		4.6	0.40	ug/L		05/27/16 08:11	06/01/16 17:03	1
Naphthalene	ND		4.6	0.70	ug/L		05/27/16 08:11	06/01/16 17:03	1
Nitrobenzene	ND		4.6	0.27	ug/L		05/27/16 08:11	06/01/16 17:03	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		05/27/16 08:11	06/01/16 17:03	1
N-Nitrosodiphenylamine	ND	F2	4.6	0.47	ug/L		05/27/16 08:11	06/01/16 17:03	1
Pentachlorophenol	ND		9.3	2.0	ug/L		05/27/16 08:11	06/01/16 17:03	1
Phenanthrene	ND	F2	4.6	0.41	ug/L		05/27/16 08:11	06/01/16 17:03	1
Phenol	ND		4.6	0.36	ug/L		05/27/16 08:11	06/01/16 17:03	1
Pyrene	ND	F2	4.6	0.32	ug/L		05/27/16 08:11	06/01/16 17:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 132	05/27/16 08:11	06/01/16 17:03	1
2-Fluorobiphenyl	76		48 - 120	05/27/16 08:11	06/01/16 17:03	1
2-Fluorophenol	43		20 - 120	05/27/16 08:11	06/01/16 17:03	1
Nitrobenzene-d5	69		46 - 120	05/27/16 08:11	06/01/16 17:03	1
Phenol-d5	32		16 - 120	05/27/16 08:11	06/01/16 17:03	1
p-Terphenyl-d14	69		67 - 150	05/27/16 08:11	06/01/16 17:03	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/16 11:05	05/28/16 14:38	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 11:05	05/28/16 14:38	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 11:05	05/28/16 14:38	1
Barium	0.034		0.0020	0.00070	mg/L		05/27/16 11:05	05/28/16 14:38	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 11:05	05/28/16 14:38	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 11:05	05/28/16 14:38	1
Calcium	218		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 14:38	1
Chromium	0.32		0.0040	0.0010	mg/L		05/27/16 11:05	05/28/16 14:38	1
Cobalt	0.017		0.0040	0.00063	mg/L		05/27/16 11:05	05/28/16 14:38	1
Copper	0.010		0.010	0.0016	mg/L		05/27/16 11:05	05/28/16 14:38	1
Iron	3.2		0.050	0.019	mg/L		05/27/16 11:05	05/28/16 14:38	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 11:05	05/28/16 14:38	1
Magnesium	97.9		0.20	0.043	mg/L		05/27/16 11:05	05/28/16 14:38	1
Manganese	0.75	F1	0.0030	0.00040	mg/L		05/27/16 11:05	05/28/16 14:38	1
Nickel	0.94		0.010	0.0013	mg/L		05/27/16 11:05	05/28/16 14:38	1
Potassium	2.3		0.50	0.10	mg/L		05/27/16 11:05	05/31/16 14:39	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-27_0616

Lab Sample ID: 480-100777-2

Date Collected: 05/26/16 08:40

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 11:05	05/28/16 14:38	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 11:05	05/28/16 14:38	1
Sodium	306		1.0	0.32	mg/L		05/27/16 11:05	05/31/16 14:39	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 11:05	05/28/16 14:38	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 11:05	05/28/16 14:38	1
Zinc	0.0046	J B	0.010	0.0015	mg/L		05/27/16 11:05	05/28/16 14:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 13:24	1

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-28_0616

Lab Sample ID: 480-100777-3

Date Collected: 05/26/16 11:20

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/01/16 21:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/01/16 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/01/16 21:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/01/16 21:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/01/16 21:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/01/16 21:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/01/16 21:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/01/16 21:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/01/16 21:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/01/16 21:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/01/16 21:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/01/16 21:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/01/16 21:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/01/16 21:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/16 21:37	1
2-Hexanone	ND		5.0	1.2	ug/L			06/01/16 21:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/01/16 21:37	1
Acetone	3.4	J	10	3.0	ug/L			06/01/16 21:37	1
Benzene	ND		1.0	0.41	ug/L			06/01/16 21:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/01/16 21:37	1
Bromoform	ND		1.0	0.26	ug/L			06/01/16 21:37	1
Bromomethane	ND		1.0	0.69	ug/L			06/01/16 21:37	1
Carbon disulfide	0.52	J	1.0	0.19	ug/L			06/01/16 21:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/01/16 21:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/01/16 21:37	1
Chloroethane	ND		1.0	0.32	ug/L			06/01/16 21:37	1
Chloroform	ND		1.0	0.34	ug/L			06/01/16 21:37	1
Chloromethane	ND		1.0	0.35	ug/L			06/01/16 21:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/01/16 21:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/01/16 21:37	1
Cyclohexane	ND		1.0	0.18	ug/L			06/01/16 21:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/01/16 21:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/01/16 21:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/01/16 21:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/01/16 21:37	1
Methyl acetate	ND		2.5	1.3	ug/L			06/01/16 21:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/01/16 21:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/01/16 21:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/01/16 21:37	1
Styrene	ND		1.0	0.73	ug/L			06/01/16 21:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/01/16 21:37	1
Toluene	ND		1.0	0.51	ug/L			06/01/16 21:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/01/16 21:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/01/16 21:37	1
Trichloroethene	ND		1.0	0.46	ug/L			06/01/16 21:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/01/16 21:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/01/16 21:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/01/16 21:37	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-28_0616

Lab Sample ID: 480-100777-3

Date Collected: 05/26/16 11:20

Matrix: Ground Water

Date Received: 05/26/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		06/01/16 21:37	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/01/16 21:37	1
Toluene-d8 (Surr)	100		71 - 126		06/01/16 21:37	1
Dibromofluoromethane (Surr)	95		60 - 140		06/01/16 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		05/27/16 08:11	06/01/16 17:33	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		05/27/16 08:11	06/01/16 17:33	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		05/27/16 08:11	06/01/16 17:33	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		05/27/16 08:11	06/01/16 17:33	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		05/27/16 08:11	06/01/16 17:33	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/27/16 08:11	06/01/16 17:33	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		05/27/16 08:11	06/01/16 17:33	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		05/27/16 08:11	06/01/16 17:33	1
2-Chlorophenol	ND		4.7	0.50	ug/L		05/27/16 08:11	06/01/16 17:33	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		05/27/16 08:11	06/01/16 17:33	1
2-Methylphenol	ND		4.7	0.38	ug/L		05/27/16 08:11	06/01/16 17:33	1
2-Nitroaniline	ND		9.4	0.39	ug/L		05/27/16 08:11	06/01/16 17:33	1
2-Nitrophenol	ND		4.7	0.45	ug/L		05/27/16 08:11	06/01/16 17:33	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		05/27/16 08:11	06/01/16 17:33	1
3-Nitroaniline	ND		9.4	0.45	ug/L		05/27/16 08:11	06/01/16 17:33	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		05/27/16 08:11	06/01/16 17:33	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		05/27/16 08:11	06/01/16 17:33	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		05/27/16 08:11	06/01/16 17:33	1
4-Chloroaniline	2.3	J	4.7	0.55	ug/L		05/27/16 08:11	06/01/16 17:33	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/27/16 08:11	06/01/16 17:33	1
4-Methylphenol	ND		9.4	0.34	ug/L		05/27/16 08:11	06/01/16 17:33	1
4-Nitroaniline	ND		9.4	0.24	ug/L		05/27/16 08:11	06/01/16 17:33	1
4-Nitrophenol	ND		9.4	1.4	ug/L		05/27/16 08:11	06/01/16 17:33	1
Acenaphthene	ND		4.7	0.39	ug/L		05/27/16 08:11	06/01/16 17:33	1
Acenaphthylene	ND		4.7	0.36	ug/L		05/27/16 08:11	06/01/16 17:33	1
Acetophenone	ND		4.7	0.51	ug/L		05/27/16 08:11	06/01/16 17:33	1
Aniline	2.1	J	9.4	0.57	ug/L		05/27/16 08:11	06/01/16 17:33	1
Anthracene	ND		4.7	0.26	ug/L		05/27/16 08:11	06/01/16 17:33	1
Atrazine	ND		4.7	0.43	ug/L		05/27/16 08:11	06/01/16 17:33	1
Benzaldehyde	0.32	J*	4.7	0.25	ug/L		05/27/16 08:11	06/01/16 17:33	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/27/16 08:11	06/01/16 17:33	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		05/27/16 08:11	06/01/16 17:33	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		05/27/16 08:11	06/01/16 17:33	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		05/27/16 08:11	06/01/16 17:33	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		05/27/16 08:11	06/01/16 17:33	1
Biphenyl	ND		4.7	0.61	ug/L		05/27/16 08:11	06/01/16 17:33	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		05/27/16 08:11	06/01/16 17:33	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/27/16 08:11	06/01/16 17:33	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		05/27/16 08:11	06/01/16 17:33	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		05/27/16 08:11	06/01/16 17:33	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		05/27/16 08:11	06/01/16 17:33	1
Caprolactam	ND		4.7	2.1	ug/L		05/27/16 08:11	06/01/16 17:33	1
Carbazole	ND		4.7	0.28	ug/L		05/27/16 08:11	06/01/16 17:33	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-28_0616

Lab Sample ID: 480-100777-3

Date Collected: 05/26/16 11:20

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		05/27/16 08:11	06/01/16 17:33	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		05/27/16 08:11	06/01/16 17:33	1
Dibenzofuran	ND		9.4	0.48	ug/L		05/27/16 08:11	06/01/16 17:33	1
Diethyl phthalate	ND		4.7	0.21	ug/L		05/27/16 08:11	06/01/16 17:33	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/27/16 08:11	06/01/16 17:33	1
Di-n-butyl phthalate	0.42	J	4.7	0.29	ug/L		05/27/16 08:11	06/01/16 17:33	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		05/27/16 08:11	06/01/16 17:33	1
Fluoranthene	ND		4.7	0.38	ug/L		05/27/16 08:11	06/01/16 17:33	1
Fluorene	ND		4.7	0.34	ug/L		05/27/16 08:11	06/01/16 17:33	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		05/27/16 08:11	06/01/16 17:33	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		05/27/16 08:11	06/01/16 17:33	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		05/27/16 08:11	06/01/16 17:33	1
Hexachloroethane	ND		4.7	0.55	ug/L		05/27/16 08:11	06/01/16 17:33	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		05/27/16 08:11	06/01/16 17:33	1
Isophorone	ND		4.7	0.40	ug/L		05/27/16 08:11	06/01/16 17:33	1
Naphthalene	ND		4.7	0.71	ug/L		05/27/16 08:11	06/01/16 17:33	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/27/16 08:11	06/01/16 17:33	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		05/27/16 08:11	06/01/16 17:33	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		05/27/16 08:11	06/01/16 17:33	1
Pentachlorophenol	ND		9.4	2.1	ug/L		05/27/16 08:11	06/01/16 17:33	1
Phenanthrene	ND		4.7	0.41	ug/L		05/27/16 08:11	06/01/16 17:33	1
Phenol	ND		4.7	0.37	ug/L		05/27/16 08:11	06/01/16 17:33	1
Pyrene	ND		4.7	0.32	ug/L		05/27/16 08:11	06/01/16 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		52 - 132	05/27/16 08:11	06/01/16 17:33	1
2-Fluorobiphenyl	75		48 - 120	05/27/16 08:11	06/01/16 17:33	1
2-Fluorophenol	42		20 - 120	05/27/16 08:11	06/01/16 17:33	1
Nitrobenzene-d5	68		46 - 120	05/27/16 08:11	06/01/16 17:33	1
Phenol-d5	30		16 - 120	05/27/16 08:11	06/01/16 17:33	1
p-Terphenyl-d14	73		67 - 150	05/27/16 08:11	06/01/16 17:33	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		05/27/16 11:05	05/28/16 14:55	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 11:05	05/28/16 14:55	1
Arsenic	0.024		0.015	0.0056	mg/L		05/27/16 11:05	05/28/16 14:55	1
Barium	0.020		0.0020	0.00070	mg/L		05/27/16 11:05	05/28/16 14:55	1
Beryllium	0.00084	J	0.0020	0.00030	mg/L		05/27/16 11:05	05/28/16 14:55	1
Cadmium	0.00088	J	0.0020	0.00050	mg/L		05/27/16 11:05	05/28/16 14:55	1
Calcium	99.7		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 14:55	1
Chromium	0.013		0.0040	0.0010	mg/L		05/27/16 11:05	05/28/16 14:55	1
Cobalt	0.0012	J	0.0040	0.00063	mg/L		05/27/16 11:05	05/28/16 14:55	1
Copper	0.016		0.010	0.0016	mg/L		05/27/16 11:05	05/28/16 14:55	1
Iron	0.83		0.050	0.019	mg/L		05/27/16 11:05	05/28/16 14:55	1
Lead	0.0059	J	0.010	0.0030	mg/L		05/27/16 11:05	05/28/16 14:55	1
Magnesium	11.9		0.20	0.043	mg/L		05/27/16 11:05	05/28/16 14:55	1
Manganese	0.12		0.0030	0.00040	mg/L		05/27/16 11:05	05/28/16 14:55	1
Nickel	0.015		0.010	0.0013	mg/L		05/27/16 11:05	05/28/16 14:55	1
Potassium	5.1		0.50	0.10	mg/L		05/27/16 11:05	05/31/16 19:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-28_0616

Lab Sample ID: 480-100777-3

Date Collected: 05/26/16 11:20

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 11:05	05/28/16 14:55	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 11:05	05/28/16 14:55	1
Sodium	261		1.0	0.32	mg/L		05/27/16 11:05	05/31/16 19:15	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 11:05	05/28/16 14:55	1
Vanadium	0.010		0.0050	0.0015	mg/L		05/27/16 11:05	05/28/16 14:55	1
Zinc	0.0096	J B	0.010	0.0015	mg/L		05/27/16 11:05	05/28/16 14:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 13:30	1



Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-30_0616

Lab Sample ID: 480-100777-4

Date Collected: 05/26/16 12:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/01/16 17:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/01/16 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/01/16 17:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/01/16 17:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/01/16 17:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/01/16 17:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/01/16 17:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/01/16 17:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/01/16 17:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/01/16 17:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/01/16 17:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/01/16 17:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/01/16 17:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/01/16 17:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/16 17:30	1
2-Hexanone	ND		5.0	1.2	ug/L			06/01/16 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/01/16 17:30	1
Acetone	ND		10	3.0	ug/L			06/01/16 17:30	1
Benzene	ND		1.0	0.41	ug/L			06/01/16 17:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/01/16 17:30	1
Bromoform	ND		1.0	0.26	ug/L			06/01/16 17:30	1
Bromomethane	ND		1.0	0.69	ug/L			06/01/16 17:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/01/16 17:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/01/16 17:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/01/16 17:30	1
Chloroethane	ND		1.0	0.32	ug/L			06/01/16 17:30	1
Chloroform	ND		1.0	0.34	ug/L			06/01/16 17:30	1
Chloromethane	ND		1.0	0.35	ug/L			06/01/16 17:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/01/16 17:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/01/16 17:30	1
Cyclohexane	ND		1.0	0.18	ug/L			06/01/16 17:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/01/16 17:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/01/16 17:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/01/16 17:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/01/16 17:30	1
Methyl acetate	ND		2.5	1.3	ug/L			06/01/16 17:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/01/16 17:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/01/16 17:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/01/16 17:30	1
Styrene	ND		1.0	0.73	ug/L			06/01/16 17:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/01/16 17:30	1
Toluene	ND		1.0	0.51	ug/L			06/01/16 17:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/01/16 17:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/01/16 17:30	1
Trichloroethene	ND		1.0	0.46	ug/L			06/01/16 17:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/01/16 17:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/01/16 17:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/01/16 17:30	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-30_0616

Lab Sample ID: 480-100777-4

Date Collected: 05/26/16 12:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		66 - 137		06/01/16 17:30	1
4-Bromofluorobenzene (Surr)	108		73 - 120		06/01/16 17:30	1
Toluene-d8 (Surr)	85		71 - 126		06/01/16 17:30	1
Dibromofluoromethane (Surr)	81		60 - 140		06/01/16 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		4.7	0.45	ug/L		05/27/16 08:11	06/01/16 18:03	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		05/27/16 08:11	06/01/16 18:03	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		05/27/16 08:11	06/01/16 18:03	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		05/27/16 08:11	06/01/16 18:03	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		05/27/16 08:11	06/01/16 18:03	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/27/16 08:11	06/01/16 18:03	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		05/27/16 08:11	06/01/16 18:03	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		05/27/16 08:11	06/01/16 18:03	1
2-Chlorophenol	ND		4.7	0.49	ug/L		05/27/16 08:11	06/01/16 18:03	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		05/27/16 08:11	06/01/16 18:03	1
2-Methylphenol	ND		4.7	0.37	ug/L		05/27/16 08:11	06/01/16 18:03	1
2-Nitroaniline	ND		9.3	0.39	ug/L		05/27/16 08:11	06/01/16 18:03	1
2-Nitrophenol	ND		4.7	0.45	ug/L		05/27/16 08:11	06/01/16 18:03	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		05/27/16 08:11	06/01/16 18:03	1
3-Nitroaniline	ND		9.3	0.45	ug/L		05/27/16 08:11	06/01/16 18:03	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		05/27/16 08:11	06/01/16 18:03	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		05/27/16 08:11	06/01/16 18:03	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		05/27/16 08:11	06/01/16 18:03	1
4-Chloroaniline	ND		4.7	0.55	ug/L		05/27/16 08:11	06/01/16 18:03	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/27/16 08:11	06/01/16 18:03	1
4-Methylphenol	ND		9.3	0.34	ug/L		05/27/16 08:11	06/01/16 18:03	1
4-Nitroaniline	ND		9.3	0.23	ug/L		05/27/16 08:11	06/01/16 18:03	1
4-Nitrophenol	ND		9.3	1.4	ug/L		05/27/16 08:11	06/01/16 18:03	1
Acenaphthene	ND		4.7	0.38	ug/L		05/27/16 08:11	06/01/16 18:03	1
Acenaphthylene	ND		4.7	0.35	ug/L		05/27/16 08:11	06/01/16 18:03	1
Acetophenone	ND		4.7	0.50	ug/L		05/27/16 08:11	06/01/16 18:03	1
Aniline	ND		9.3	0.57	ug/L		05/27/16 08:11	06/01/16 18:03	1
Anthracene	ND		4.7	0.26	ug/L		05/27/16 08:11	06/01/16 18:03	1
Atrazine	ND		4.7	0.43	ug/L		05/27/16 08:11	06/01/16 18:03	1
Benzaldehyde	ND *		4.7	0.25	ug/L		05/27/16 08:11	06/01/16 18:03	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/27/16 08:11	06/01/16 18:03	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		05/27/16 08:11	06/01/16 18:03	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		05/27/16 08:11	06/01/16 18:03	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		05/27/16 08:11	06/01/16 18:03	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		05/27/16 08:11	06/01/16 18:03	1
Biphenyl	ND		4.7	0.61	ug/L		05/27/16 08:11	06/01/16 18:03	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		05/27/16 08:11	06/01/16 18:03	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/27/16 08:11	06/01/16 18:03	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		05/27/16 08:11	06/01/16 18:03	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		05/27/16 08:11	06/01/16 18:03	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		05/27/16 08:11	06/01/16 18:03	1
Caprolactam	ND		4.7	2.1	ug/L		05/27/16 08:11	06/01/16 18:03	1
Carbazole	ND		4.7	0.28	ug/L		05/27/16 08:11	06/01/16 18:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-30_0616

Lab Sample ID: 480-100777-4

Date Collected: 05/26/16 12:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		05/27/16 08:11	06/01/16 18:03	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		05/27/16 08:11	06/01/16 18:03	1
Dibenzofuran	ND		9.3	0.48	ug/L		05/27/16 08:11	06/01/16 18:03	1
Diethyl phthalate	ND		4.7	0.21	ug/L		05/27/16 08:11	06/01/16 18:03	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/27/16 08:11	06/01/16 18:03	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		05/27/16 08:11	06/01/16 18:03	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		05/27/16 08:11	06/01/16 18:03	1
Fluoranthene	ND		4.7	0.37	ug/L		05/27/16 08:11	06/01/16 18:03	1
Fluorene	ND		4.7	0.34	ug/L		05/27/16 08:11	06/01/16 18:03	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		05/27/16 08:11	06/01/16 18:03	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		05/27/16 08:11	06/01/16 18:03	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		05/27/16 08:11	06/01/16 18:03	1
Hexachloroethane	ND		4.7	0.55	ug/L		05/27/16 08:11	06/01/16 18:03	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		05/27/16 08:11	06/01/16 18:03	1
Isophorone	ND		4.7	0.40	ug/L		05/27/16 08:11	06/01/16 18:03	1
Naphthalene	ND		4.7	0.71	ug/L		05/27/16 08:11	06/01/16 18:03	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/27/16 08:11	06/01/16 18:03	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		05/27/16 08:11	06/01/16 18:03	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		05/27/16 08:11	06/01/16 18:03	1
Pentachlorophenol	ND		9.3	2.1	ug/L		05/27/16 08:11	06/01/16 18:03	1
Phenanthrene	ND		4.7	0.41	ug/L		05/27/16 08:11	06/01/16 18:03	1
Phenol	ND		4.7	0.36	ug/L		05/27/16 08:11	06/01/16 18:03	1
Pyrene	ND		4.7	0.32	ug/L		05/27/16 08:11	06/01/16 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		52 - 132	05/27/16 08:11	06/01/16 18:03	1
2-Fluorobiphenyl	78		48 - 120	05/27/16 08:11	06/01/16 18:03	1
2-Fluorophenol	47		20 - 120	05/27/16 08:11	06/01/16 18:03	1
Nitrobenzene-d5	74		46 - 120	05/27/16 08:11	06/01/16 18:03	1
Phenol-d5	34		16 - 120	05/27/16 08:11	06/01/16 18:03	1
p-Terphenyl-d14	77		67 - 150	05/27/16 08:11	06/01/16 18:03	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.11	J	0.20	0.060	mg/L		05/27/16 11:05	05/28/16 15:09	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 11:05	05/28/16 15:09	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 11:05	05/28/16 15:09	1
Barium	0.023		0.0020	0.00070	mg/L		05/27/16 11:05	05/28/16 15:09	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 11:05	05/28/16 15:09	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 11:05	05/28/16 15:09	1
Calcium	131		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 15:09	1
Chromium	0.045		0.0040	0.0010	mg/L		05/27/16 11:05	05/28/16 15:09	1
Cobalt	0.021		0.0040	0.00063	mg/L		05/27/16 11:05	05/28/16 15:09	1
Copper	0.012		0.010	0.0016	mg/L		05/27/16 11:05	05/28/16 15:09	1
Iron	0.94		0.050	0.019	mg/L		05/27/16 11:05	05/28/16 15:09	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 11:05	05/28/16 15:09	1
Magnesium	40.7		0.20	0.043	mg/L		05/27/16 11:05	05/28/16 15:09	1
Manganese	2.7		0.0030	0.00040	mg/L		05/27/16 11:05	05/28/16 15:09	1
Nickel	0.27		0.010	0.0013	mg/L		05/27/16 11:05	05/28/16 15:09	1
Potassium	1.6		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 15:09	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-30_0616

Lab Sample ID: 480-100777-4

Date Collected: 05/26/16 12:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/27/16 11:05	05/28/16 15:09	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 11:05	05/28/16 15:09	1
Sodium	136		1.0	0.32	mg/L		05/27/16 11:05	05/28/16 15:09	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 11:05	05/28/16 15:09	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 11:05	05/28/16 15:09	1
Zinc	0.0092	J B	0.010	0.0015	mg/L		05/27/16 11:05	05/28/16 15:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 13:37	1

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B_RFI-27 D_0616

Lab Sample ID: 480-100777-5

Date Collected: 05/26/16 09:00

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/01/16 17:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/01/16 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/01/16 17:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/01/16 17:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/01/16 17:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/01/16 17:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/01/16 17:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/01/16 17:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/01/16 17:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/01/16 17:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/01/16 17:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/01/16 17:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/01/16 17:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/01/16 17:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/16 17:53	1
2-Hexanone	ND		5.0	1.2	ug/L			06/01/16 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/01/16 17:53	1
Acetone	ND		10	3.0	ug/L			06/01/16 17:53	1
Benzene	0.41	J	1.0	0.41	ug/L			06/01/16 17:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/01/16 17:53	1
Bromoform	ND		1.0	0.26	ug/L			06/01/16 17:53	1
Bromomethane	ND		1.0	0.69	ug/L			06/01/16 17:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/01/16 17:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/01/16 17:53	1
Chlorobenzene	2.9		1.0	0.75	ug/L			06/01/16 17:53	1
Chloroethane	ND		1.0	0.32	ug/L			06/01/16 17:53	1
Chloroform	ND		1.0	0.34	ug/L			06/01/16 17:53	1
Chloromethane	ND		1.0	0.35	ug/L			06/01/16 17:53	1
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L			06/01/16 17:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/01/16 17:53	1
Cyclohexane	ND		1.0	0.18	ug/L			06/01/16 17:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/01/16 17:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/01/16 17:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/01/16 17:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/01/16 17:53	1
Methyl acetate	ND		2.5	1.3	ug/L			06/01/16 17:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/01/16 17:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/01/16 17:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/01/16 17:53	1
Styrene	ND		1.0	0.73	ug/L			06/01/16 17:53	1
Toluene	ND		1.0	0.51	ug/L			06/01/16 17:53	1
trans-1,2-Dichloroethene	1.1		1.0	0.90	ug/L			06/01/16 17:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/01/16 17:53	1
Trichloroethene	44		1.0	0.46	ug/L			06/01/16 17:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/01/16 17:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/01/16 17:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/01/16 17:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B_RFI-27 D_0616

Lab Sample ID: 480-100777-5

Date Collected: 05/26/16 09:00

Matrix: Ground Water

Date Received: 05/26/16 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		66 - 137		06/01/16 17:53	1
4-Bromofluorobenzene (Surr)	112		73 - 120		06/01/16 17:53	1
Toluene-d8 (Surr)	84		71 - 126		06/01/16 17:53	1
Dibromofluoromethane (Surr)	77		60 - 140		06/01/16 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	510		10	3.6	ug/L			06/01/16 22:02	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		06/01/16 22:02	10
4-Bromofluorobenzene (Surr)	92		73 - 120		06/01/16 22:02	10
Toluene-d8 (Surr)	100		71 - 126		06/01/16 22:02	10
Dibromofluoromethane (Surr)	101		60 - 140		06/01/16 22:02	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		05/27/16 08:11	06/01/16 18:32	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		05/27/16 08:11	06/01/16 18:32	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		05/27/16 08:11	06/01/16 18:32	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		05/27/16 08:11	06/01/16 18:32	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		05/27/16 08:11	06/01/16 18:32	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		05/27/16 08:11	06/01/16 18:32	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 18:32	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		05/27/16 08:11	06/01/16 18:32	1
2-Chlorophenol	ND		4.6	0.49	ug/L		05/27/16 08:11	06/01/16 18:32	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		05/27/16 08:11	06/01/16 18:32	1
2-Methylphenol	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 18:32	1
2-Nitroaniline	ND		9.3	0.39	ug/L		05/27/16 08:11	06/01/16 18:32	1
2-Nitrophenol	ND		4.6	0.45	ug/L		05/27/16 08:11	06/01/16 18:32	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 18:32	1
3-Nitroaniline	ND		9.3	0.45	ug/L		05/27/16 08:11	06/01/16 18:32	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		05/27/16 08:11	06/01/16 18:32	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		05/27/16 08:11	06/01/16 18:32	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		05/27/16 08:11	06/01/16 18:32	1
4-Chloroaniline	ND		4.6	0.55	ug/L		05/27/16 08:11	06/01/16 18:32	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 18:32	1
4-Methylphenol	ND		9.3	0.33	ug/L		05/27/16 08:11	06/01/16 18:32	1
4-Nitroaniline	ND		9.3	0.23	ug/L		05/27/16 08:11	06/01/16 18:32	1
4-Nitrophenol	ND		9.3	1.4	ug/L		05/27/16 08:11	06/01/16 18:32	1
Acenaphthene	ND		4.6	0.38	ug/L		05/27/16 08:11	06/01/16 18:32	1
Acenaphthylene	ND		4.6	0.35	ug/L		05/27/16 08:11	06/01/16 18:32	1
Acetophenone	ND		4.6	0.50	ug/L		05/27/16 08:11	06/01/16 18:32	1
Aniline	ND		9.3	0.57	ug/L		05/27/16 08:11	06/01/16 18:32	1
Anthracene	ND		4.6	0.26	ug/L		05/27/16 08:11	06/01/16 18:32	1
Atrazine	ND		4.6	0.43	ug/L		05/27/16 08:11	06/01/16 18:32	1
Benzaldehyde	ND *		4.6	0.25	ug/L		05/27/16 08:11	06/01/16 18:32	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 18:32	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		05/27/16 08:11	06/01/16 18:32	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		05/27/16 08:11	06/01/16 18:32	1
Benzo(g,h,i)perylene	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 18:32	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B_RFI-27 D_0616

Lab Sample ID: 480-100777-5

Date Collected: 05/26/16 09:00

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		05/27/16 08:11	06/01/16 18:32	1
Biphenyl	ND		4.6	0.61	ug/L		05/27/16 08:11	06/01/16 18:32	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		05/27/16 08:11	06/01/16 18:32	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 18:32	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 18:32	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		05/27/16 08:11	06/01/16 18:32	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		05/27/16 08:11	06/01/16 18:32	1
Caprolactam	ND		4.6	2.0	ug/L		05/27/16 08:11	06/01/16 18:32	1
Carbazole	ND		4.6	0.28	ug/L		05/27/16 08:11	06/01/16 18:32	1
Chrysene	ND		4.6	0.31	ug/L		05/27/16 08:11	06/01/16 18:32	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		05/27/16 08:11	06/01/16 18:32	1
Dibenzofuran	ND		9.3	0.47	ug/L		05/27/16 08:11	06/01/16 18:32	1
Diethyl phthalate	ND		4.6	0.20	ug/L		05/27/16 08:11	06/01/16 18:32	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 18:32	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		05/27/16 08:11	06/01/16 18:32	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		05/27/16 08:11	06/01/16 18:32	1
Fluoranthene	ND		4.6	0.37	ug/L		05/27/16 08:11	06/01/16 18:32	1
Fluorene	ND		4.6	0.33	ug/L		05/27/16 08:11	06/01/16 18:32	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		05/27/16 08:11	06/01/16 18:32	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		05/27/16 08:11	06/01/16 18:32	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		05/27/16 08:11	06/01/16 18:32	1
Hexachloroethane	ND		4.6	0.55	ug/L		05/27/16 08:11	06/01/16 18:32	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		05/27/16 08:11	06/01/16 18:32	1
Isophorone	ND		4.6	0.40	ug/L		05/27/16 08:11	06/01/16 18:32	1
Naphthalene	ND		4.6	0.71	ug/L		05/27/16 08:11	06/01/16 18:32	1
Nitrobenzene	ND		4.6	0.27	ug/L		05/27/16 08:11	06/01/16 18:32	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		05/27/16 08:11	06/01/16 18:32	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		05/27/16 08:11	06/01/16 18:32	1
Pentachlorophenol	ND		9.3	2.0	ug/L		05/27/16 08:11	06/01/16 18:32	1
Phenanthrene	ND		4.6	0.41	ug/L		05/27/16 08:11	06/01/16 18:32	1
Phenol	ND		4.6	0.36	ug/L		05/27/16 08:11	06/01/16 18:32	1
Pyrene	ND		4.6	0.32	ug/L		05/27/16 08:11	06/01/16 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	05/27/16 08:11	06/01/16 18:32	1
2-Fluorobiphenyl	61		48 - 120	05/27/16 08:11	06/01/16 18:32	1
2-Fluorophenol	36		20 - 120	05/27/16 08:11	06/01/16 18:32	1
Nitrobenzene-d5	55		46 - 120	05/27/16 08:11	06/01/16 18:32	1
Phenol-d5	27		16 - 120	05/27/16 08:11	06/01/16 18:32	1
p-Terphenyl-d14	68		67 - 150	05/27/16 08:11	06/01/16 18:32	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/16 11:05	05/28/16 15:12	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 11:05	05/28/16 15:12	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 11:05	05/28/16 15:12	1
Barium	0.033		0.0020	0.00070	mg/L		05/27/16 11:05	05/28/16 15:12	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 11:05	05/28/16 15:12	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 11:05	05/28/16 15:12	1
Calcium	214		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 15:12	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B_RFI-27 D_0616

Lab Sample ID: 480-100777-5

Date Collected: 05/26/16 09:00

Matrix: Ground Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.33		0.0040	0.0010	mg/L		05/27/16 11:05	05/28/16 15:12	1
Cobalt	0.017		0.0040	0.00063	mg/L		05/27/16 11:05	05/28/16 15:12	1
Copper	0.011		0.010	0.0016	mg/L		05/27/16 11:05	05/28/16 15:12	1
Iron	3.3		0.050	0.019	mg/L		05/27/16 11:05	05/28/16 15:12	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 11:05	05/28/16 15:12	1
Magnesium	96.9		0.20	0.043	mg/L		05/27/16 11:05	05/28/16 15:12	1
Manganese	0.75		0.0030	0.00040	mg/L		05/27/16 11:05	05/28/16 15:12	1
Nickel	0.93		0.010	0.0013	mg/L		05/27/16 11:05	05/28/16 15:12	1
Potassium	2.2		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 15:12	1
Selenium	ND		0.025	0.0087	mg/L		05/27/16 11:05	05/28/16 15:12	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 11:05	05/28/16 15:12	1
Sodium	300		1.0	0.32	mg/L		05/27/16 11:05	05/28/16 15:12	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 11:05	05/28/16 15:12	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 11:05	05/28/16 15:12	1
Zinc	0.0046	J B	0.010	0.0015	mg/L		05/27/16 11:05	05/28/16 15:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 13:39	1

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100777-6

Date Collected: 05/26/16 00:00

Matrix: Water

Date Received: 05/26/16 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/01/16 11:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/01/16 11:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/01/16 11:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/01/16 11:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/01/16 11:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/01/16 11:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/01/16 11:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/01/16 11:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/01/16 11:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/01/16 11:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/01/16 11:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/01/16 11:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/01/16 11:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/01/16 11:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/16 11:05	1
2-Hexanone	ND		5.0	1.2	ug/L			06/01/16 11:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/01/16 11:05	1
Acetone	ND		10	3.0	ug/L			06/01/16 11:05	1
Benzene	ND		1.0	0.41	ug/L			06/01/16 11:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/01/16 11:05	1
Bromoform	ND		1.0	0.26	ug/L			06/01/16 11:05	1
Bromomethane	ND		1.0	0.69	ug/L			06/01/16 11:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/01/16 11:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/01/16 11:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/01/16 11:05	1
Chloroethane	ND		1.0	0.32	ug/L			06/01/16 11:05	1
Chloroform	ND		1.0	0.34	ug/L			06/01/16 11:05	1
Chloromethane	ND		1.0	0.35	ug/L			06/01/16 11:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/01/16 11:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/01/16 11:05	1
Cyclohexane	ND		1.0	0.18	ug/L			06/01/16 11:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/01/16 11:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/01/16 11:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/01/16 11:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/01/16 11:05	1
Methyl acetate	ND		2.5	1.3	ug/L			06/01/16 11:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/01/16 11:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/01/16 11:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/01/16 11:05	1
Styrene	ND		1.0	0.73	ug/L			06/01/16 11:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/01/16 11:05	1
Toluene	ND		1.0	0.51	ug/L			06/01/16 11:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/01/16 11:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/01/16 11:05	1
Trichloroethene	ND		1.0	0.46	ug/L			06/01/16 11:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/01/16 11:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/01/16 11:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/01/16 11:05	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100777-6

Date Collected: 05/26/16 00:00

Matrix: Water

Date Received: 05/26/16 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)	82		66 - 137		06/01/16 11:05	1
4-Bromofluorobenzene (Surr)	110		73 - 120		06/01/16 11:05	1
Toluene-d8 (Surr)	86		71 - 126		06/01/16 11:05	1
Dibromofluoromethane (Surr)	81		60 - 140		06/01/16 11:05	1

Surrogate Summary

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

TestAmerica Job ID: 480-100777-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-100777-1	BCC Area B RFI-18_0616	82	108	85	82
480-100777-2	BCC Area B RFI-27_0616	81	110	87	82
480-100777-2 MS	BCC Area B RFI-27_0616	81	108	86	80
480-100777-2 MSD	BCC Area B RFI-27_0616	81	110	87	79
480-100777-3	BCC Area B RFI-28_0616	102	96	100	95
480-100777-4	BCC Area B RFI-30_0616	80	108	85	81
480-100777-5	BCC Area B_RFI-27 D_0616	79	112	84	77
480-100777-5 - DL	BCC Area B_RFI-27 D_0616	107	92	100	101

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-100777-6	TRIP BLANK	82	110	86	81
LCS 480-304494/5	Lab Control Sample	80	113	85	80
LCS 480-304616/5	Lab Control Sample	105	95	100	96
MB 480-304494/7	Method Blank	83	106	86	83
MB 480-304616/7	Method Blank	104	92	100	96

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

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)
480-100777-1	BCC Area B RFI-18_0616	86	49	27	41 X	21	55 X
480-100777-1 - RE	BCC Area B RFI-18_0616	100	96	71	85	56	108
480-100777-2	BCC Area B RFI-27_0616	109	76	43	69	32	69
480-100777-2 MS	BCC Area B RFI-27_0616	127	83	56	78	42	70
480-100777-2 MSD	BCC Area B RFI-27_0616	95	68	50	66	37	55 X
480-100777-3	BCC Area B RFI-28_0616	112	75	42	68	30	73
480-100777-4	BCC Area B RFI-30_0616	112	78	47	74	34	77
480-100777-5	BCC Area B_RFI-27 D_0616	98	61	36	55	27	68

Surrogate Legend

TBP = 2,4,6-Tribromophenol

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-100777-1

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 480-303991/2-A	Lab Control Sample	119	86	65	82	47	92
LCS 480-305000/2-A	Lab Control Sample	96	91	74	81	60	100
LCSD 480-305000/3-A	Lab Control Sample Dup	76	71	65	67	54	79
MB 480-303991/1-A	Method Blank	81	62	42	58	30	74
MB 480-305000/1-A	Method Blank	87	90	77	87	59	104

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: 480-100777-1

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

Lab Sample ID: MB 480-304494/7

Matrix: Water

Analysis Batch: 304494

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			06/01/16 10:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/01/16 10:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/01/16 10:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/01/16 10:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/01/16 10:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/01/16 10:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/01/16 10:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/01/16 10:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/01/16 10:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/01/16 10:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/01/16 10:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/01/16 10:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/01/16 10:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/01/16 10:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/16 10:31	1
2-Hexanone	ND		5.0	1.2	ug/L			06/01/16 10:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/01/16 10:31	1
Acetone	ND		10	3.0	ug/L			06/01/16 10:31	1
Benzene	ND		1.0	0.41	ug/L			06/01/16 10:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/01/16 10:31	1
Bromoform	ND		1.0	0.26	ug/L			06/01/16 10:31	1
Bromomethane	ND		1.0	0.69	ug/L			06/01/16 10:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/01/16 10:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/01/16 10:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/01/16 10:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/01/16 10:31	1
Chloroform	ND		1.0	0.34	ug/L			06/01/16 10:31	1
Chloromethane	ND		1.0	0.35	ug/L			06/01/16 10:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/01/16 10:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/01/16 10:31	1
Cyclohexane	ND		1.0	0.18	ug/L			06/01/16 10:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/01/16 10:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/01/16 10:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/01/16 10:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/01/16 10:31	1
Methyl acetate	ND		2.5	1.3	ug/L			06/01/16 10:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/01/16 10:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/01/16 10:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/01/16 10:31	1
Styrene	ND		1.0	0.73	ug/L			06/01/16 10:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/01/16 10:31	1
Toluene	ND		1.0	0.51	ug/L			06/01/16 10:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/01/16 10:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/01/16 10:31	1
Trichloroethene	ND		1.0	0.46	ug/L			06/01/16 10:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/01/16 10:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/01/16 10:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/01/16 10:31	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	83		66 - 137		06/01/16 10:31	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/01/16 10:31	1
Toluene-d8 (Surr)	86		71 - 126		06/01/16 10:31	1
Dibromofluoromethane (Surr)	83		60 - 140		06/01/16 10:31	1

Lab Sample ID: LCS 480-304494/5

Matrix: Water

Analysis Batch: 304494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	27.7		ug/L		111	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.2		ug/L		77	52 - 148
1,1,2-Trichloroethane	25.0	28.3		ug/L		113	76 - 122
1,1-Dichloroethane	25.0	24.0		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	21.6		ug/L		86	58 - 121
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	30.9		ug/L		123	56 - 134
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	26.1		ug/L		104	75 - 127
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	26.0		ug/L		104	75 - 120
2-Butanone (MEK)	125	127		ug/L		102	57 - 140
2-Hexanone	125	143		ug/L		114	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	71 - 125
Acetone	125	164		ug/L		131	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	28.2		ug/L		113	80 - 122
Bromoform	25.0	27.0		ug/L		108	52 - 132
Bromomethane	25.0	29.9		ug/L		119	55 - 144
Carbon disulfide	25.0	23.5		ug/L		94	59 - 134
Carbon tetrachloride	25.0	24.9		ug/L		100	72 - 134
Chlorobenzene	25.0	25.6		ug/L		103	72 - 120
Chloroethane	25.0	29.9		ug/L		119	69 - 136
Chloroform	25.0	26.4		ug/L		106	73 - 127
Chloromethane	25.0	21.2		ug/L		85	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	74 - 124
Cyclohexane	25.0	18.8		ug/L		75	59 - 135
Dibromochloromethane	25.0	29.5		ug/L		118	75 - 125
Dichlorodifluoromethane	25.0	24.2		ug/L		97	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	25.0	26.1		ug/L		104	77 - 122
Methyl acetate	125	118		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	26.1		ug/L		104	64 - 127
Methylcyclohexane	25.0	21.5		ug/L		86	61 - 138
Methylene Chloride	25.0	25.6		ug/L		103	57 - 132
Styrene	25.0	26.8		ug/L		107	70 - 130
Tetrachloroethene	25.0	24.5		ug/L		98	74 - 122
Toluene	25.0	24.9		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: LCS 480-304494/5

Matrix: Water

Analysis Batch: 304494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	28.9		ug/L		116	72 - 123
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	25.2		ug/L		101	62 - 152
Vinyl chloride	25.0	22.5		ug/L		90	65 - 133
Xylenes, Total	50.0	51.8		ug/L		104	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		66 - 137
4-Bromofluorobenzene (Surr)	113		73 - 120
Toluene-d8 (Surr)	85		71 - 126
Dibromofluoromethane (Surr)	80		60 - 140

Lab Sample ID: 480-100777-2 MS

Matrix: Ground Water

Analysis Batch: 304494

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		200	202		ug/L		101	73 - 126
1,1,1,2-Tetrachloroethane	ND		200	220		ug/L		110	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	142		ug/L		71	52 - 148
1,1,2-Trichloroethane	ND		200	222		ug/L		111	76 - 122
1,1-Dichloroethane	ND		200	190		ug/L		95	71 - 129
1,1-Dichloroethene	ND		200	166		ug/L		83	58 - 121
1,2,4-Trichlorobenzene	ND		200	191		ug/L		95	70 - 122
1,2-Dibromo-3-Chloropropane	ND		200	234		ug/L		117	56 - 134
1,2-Dibromoethane	ND		200	206		ug/L		103	77 - 120
1,2-Dichlorobenzene	ND		200	197		ug/L		98	80 - 124
1,2-Dichloroethane	ND		200	206		ug/L		103	75 - 127
1,2-Dichloropropane	ND		200	190		ug/L		95	76 - 120
1,3-Dichlorobenzene	ND		200	194		ug/L		97	77 - 120
1,4-Dichlorobenzene	ND		200	192		ug/L		96	75 - 120
2-Butanone (MEK)	ND		1000	943		ug/L		94	57 - 140
2-Hexanone	ND		1000	1080		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1000	1070		ug/L		107	71 - 125
Acetone	ND		1000	1020		ug/L		102	56 - 142
Benzene	ND		200	193		ug/L		96	71 - 124
Bromodichloromethane	ND		200	223		ug/L		111	80 - 122
Bromoform	ND		200	217		ug/L		109	52 - 132
Bromomethane	ND		200	219		ug/L		109	55 - 144
Carbon disulfide	ND		200	165		ug/L		82	59 - 134
Carbon tetrachloride	ND		200	196		ug/L		98	72 - 134
Chlorobenzene	ND		200	201		ug/L		101	72 - 120
Chloroethane	ND		200	234		ug/L		117	69 - 136
Chloroform	ND		200	205		ug/L		102	73 - 127
Chloromethane	ND		200	159		ug/L		79	68 - 124
cis-1,2-Dichloroethene	ND		200	191		ug/L		96	74 - 124
cis-1,3-Dichloropropene	ND		200	201		ug/L		101	74 - 124

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: 480-100777-2 MS

Matrix: Ground Water

Analysis Batch: 304494

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Cyclohexane	ND		200	142		ug/L		71	59 - 135
Dibromochloromethane	ND		200	229		ug/L		115	75 - 125
Dichlorodifluoromethane	ND		200	167		ug/L		84	59 - 135
Ethylbenzene	ND		200	207		ug/L		103	77 - 123
Isopropylbenzene	ND		200	198		ug/L		99	77 - 122
Methyl acetate	ND		1000	952		ug/L		95	74 - 133
Methyl tert-butyl ether	ND		200	207		ug/L		103	64 - 127
Methylcyclohexane	ND		200	153		ug/L		76	61 - 138
Methylene Chloride	7.3	J	200	210		ug/L		101	57 - 132
Styrene	ND		200	206		ug/L		103	70 - 130
Tetrachloroethene	480	F1	200	552	F1	ug/L		36	74 - 122
Toluene	ND		200	194		ug/L		97	80 - 122
trans-1,2-Dichloroethene	ND		200	192		ug/L		96	73 - 127
trans-1,3-Dichloropropene	ND		200	221		ug/L		110	72 - 123
Trichloroethene	45		200	229		ug/L		92	74 - 123
Trichlorofluoromethane	ND		200	195		ug/L		98	62 - 152
Vinyl chloride	ND		200	168		ug/L		84	65 - 133
Xylenes, Total	ND		400	398		ug/L		100	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		66 - 137
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	86		71 - 126
Dibromofluoromethane (Surr)	80		60 - 140

Lab Sample ID: 480-100777-2 MSD

Matrix: Ground Water

Analysis Batch: 304494

Client Sample ID: BCC Area B RFI-27_0616

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		200	213		ug/L		106	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		200	219		ug/L		109	70 - 126	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	149		ug/L		75	52 - 148	5	20
1,1,2-Trichloroethane	ND		200	221		ug/L		111	76 - 122	0	15
1,1-Dichloroethane	ND		200	200		ug/L		100	71 - 129	5	20
1,1-Dichloroethene	ND		200	183		ug/L		91	58 - 121	10	16
1,2,4-Trichlorobenzene	ND		200	198		ug/L		99	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		200	244		ug/L		122	56 - 134	4	15
1,2-Dibromoethane	ND		200	213		ug/L		106	77 - 120	3	15
1,2-Dichlorobenzene	ND		200	202		ug/L		101	80 - 124	3	20
1,2-Dichloroethane	ND		200	214		ug/L		107	75 - 127	4	20
1,2-Dichloropropane	ND		200	202		ug/L		101	76 - 120	6	20
1,3-Dichlorobenzene	ND		200	202		ug/L		101	77 - 120	4	20
1,4-Dichlorobenzene	ND		200	198		ug/L		99	75 - 120	3	20
2-Butanone (MEK)	ND		1000	947		ug/L		95	57 - 140	0	20
2-Hexanone	ND		1000	1080		ug/L		108	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		1000	1080		ug/L		108	71 - 125	1	35

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: 480-100777-2 MSD

Matrix: Ground Water

Analysis Batch: 304494

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Acetone	ND		1000	1030		ug/L		103	56 - 142	1	15
Benzene	ND		200	204		ug/L		102	71 - 124	6	13
Bromodichloromethane	ND		200	226		ug/L		113	80 - 122	1	15
Bromoform	ND		200	214		ug/L		107	52 - 132	1	15
Bromomethane	ND		200	253		ug/L		126	55 - 144	14	15
Carbon disulfide	ND		200	178		ug/L		89	59 - 134	8	15
Carbon tetrachloride	ND		200	205		ug/L		102	72 - 134	4	15
Chlorobenzene	ND		200	206		ug/L		103	72 - 120	2	25
Chloroethane	ND		200	242		ug/L		121	69 - 136	3	15
Chloroform	ND		200	213		ug/L		106	73 - 127	4	20
Chloromethane	ND		200	171		ug/L		86	68 - 124	8	15
cis-1,2-Dichloroethene	ND		200	198		ug/L		99	74 - 124	3	15
cis-1,3-Dichloropropene	ND		200	212		ug/L		106	74 - 124	5	15
Cyclohexane	ND		200	154		ug/L		77	59 - 135	8	20
Dibromochloromethane	ND		200	227		ug/L		114	75 - 125	1	15
Dichlorodifluoromethane	ND		200	173		ug/L		87	59 - 135	4	20
Ethylbenzene	ND		200	216		ug/L		108	77 - 123	5	15
Isopropylbenzene	ND		200	207		ug/L		104	77 - 122	5	20
Methyl acetate	ND		1000	935		ug/L		93	74 - 133	2	20
Methyl tert-butyl ether	ND		200	207		ug/L		103	64 - 127	0	37
Methylcyclohexane	ND		200	164		ug/L		82	61 - 138	7	20
Methylene Chloride	7.3	J	200	212		ug/L		103	57 - 132	1	15
Styrene	ND		200	217		ug/L		108	70 - 130	5	20
Tetrachloroethene	480	F1	200	574	F1	ug/L		47	74 - 122	4	20
Toluene	ND		200	209		ug/L		104	80 - 122	7	15
trans-1,2-Dichloroethene	ND		200	195		ug/L		97	73 - 127	2	20
trans-1,3-Dichloropropene	ND		200	224		ug/L		112	72 - 123	1	15
Trichloroethene	45		200	238		ug/L		97	74 - 123	4	16
Trichlorofluoromethane	ND		200	229		ug/L		114	62 - 152	16	20
Vinyl chloride	ND		200	181		ug/L		90	65 - 133	7	15
Xylenes, Total	ND		400	415		ug/L		104	76 - 122	4	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	81		66 - 137
4-Bromofluorobenzene (Surr)	110		73 - 120
Toluene-d8 (Surr)	87		71 - 126
Dibromofluoromethane (Surr)	79		60 - 140

Lab Sample ID: MB 480-304616/7

Matrix: Water

Analysis Batch: 304616

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			06/01/16 21:03	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/01/16 21:03	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/01/16 21:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/01/16 21:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/01/16 21:03	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: MB 480-304616/7

Matrix: Water

Analysis Batch: 304616

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/01/16 21:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/01/16 21:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/01/16 21:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/01/16 21:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/01/16 21:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/01/16 21:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/01/16 21:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/01/16 21:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/01/16 21:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/16 21:03	1
2-Hexanone	ND		5.0	1.2	ug/L			06/01/16 21:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/01/16 21:03	1
Acetone	ND		10	3.0	ug/L			06/01/16 21:03	1
Benzene	ND		1.0	0.41	ug/L			06/01/16 21:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/01/16 21:03	1
Bromoform	ND		1.0	0.26	ug/L			06/01/16 21:03	1
Bromomethane	ND		1.0	0.69	ug/L			06/01/16 21:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/01/16 21:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/01/16 21:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/01/16 21:03	1
Chloroethane	ND		1.0	0.32	ug/L			06/01/16 21:03	1
Chloroform	ND		1.0	0.34	ug/L			06/01/16 21:03	1
Chloromethane	ND		1.0	0.35	ug/L			06/01/16 21:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/01/16 21:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/01/16 21:03	1
Cyclohexane	ND		1.0	0.18	ug/L			06/01/16 21:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/01/16 21:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/01/16 21:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/01/16 21:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/01/16 21:03	1
Methyl acetate	ND		2.5	1.3	ug/L			06/01/16 21:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/01/16 21:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/01/16 21:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/01/16 21:03	1
Styrene	ND		1.0	0.73	ug/L			06/01/16 21:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/01/16 21:03	1
Toluene	ND		1.0	0.51	ug/L			06/01/16 21:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/01/16 21:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/01/16 21:03	1
Trichloroethene	ND		1.0	0.46	ug/L			06/01/16 21:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/01/16 21:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/01/16 21:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/01/16 21:03	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		06/01/16 21:03	1
4-Bromofluorobenzene (Surr)	92		73 - 120		06/01/16 21:03	1
Toluene-d8 (Surr)	100		71 - 126		06/01/16 21:03	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: MB 480-304616/7

Matrix: Water

Analysis Batch: 304616

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery Qualifier				
Dibromofluoromethane (Surr)	96	60 - 140		06/01/16 21:03	1

Lab Sample ID: LCS 480-304616/5

Matrix: Water

Analysis Batch: 304616

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		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.7		ug/L		111	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.7		ug/L		79	52 - 148
1,1,2-Trichloroethane	25.0	28.5		ug/L		114	76 - 122
1,1-Dichloroethane	25.0	24.8		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	23.3		ug/L		93	58 - 121
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		98	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	30.7		ug/L		123	56 - 134
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	27.2		ug/L		109	75 - 127
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	75 - 120
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
2-Hexanone	125	141		ug/L		113	65 - 127
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		108	71 - 125
Acetone	125	145		ug/L		116	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	28.2		ug/L		113	80 - 122
Bromoform	25.0	29.6		ug/L		118	52 - 132
Bromomethane	25.0	29.2		ug/L		117	55 - 144
Carbon disulfide	25.0	26.1		ug/L		105	59 - 134
Carbon tetrachloride	25.0	25.7		ug/L		103	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	72 - 120
Chloroethane	25.0	20.0		ug/L		80	69 - 136
Chloroform	25.0	26.3		ug/L		105	73 - 127
Chloromethane	25.0	20.9		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	74 - 124
Cyclohexane	25.0	18.5		ug/L		74	59 - 135
Dibromochloromethane	25.0	29.9		ug/L		120	75 - 125
Dichlorodifluoromethane	25.0	22.8		ug/L		91	59 - 135
Ethylbenzene	25.0	27.4		ug/L		110	77 - 123
Isopropylbenzene	25.0	25.9		ug/L		103	77 - 122
Methyl acetate	125	141		ug/L		113	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	64 - 127
Methylcyclohexane	25.0	20.8		ug/L		83	61 - 138
Methylene Chloride	25.0	28.1		ug/L		112	57 - 132
Styrene	25.0	26.5		ug/L		106	70 - 130

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: LCS 480-304616/5

Matrix: Water

Analysis Batch: 304616

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	29.4		ug/L		118	72 - 123
Trichloroethene	25.0	24.8		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	18.7		ug/L		75	62 - 152
Vinyl chloride	25.0	21.6		ug/L		86	65 - 133
Xylenes, Total	50.0	51.7		ug/L		103	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	100		71 - 126
Dibromofluoromethane (Surr)	96		60 - 140

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

Lab Sample ID: MB 480-303991/1-A

Matrix: Water

Analysis Batch: 304511

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 303991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/27/16 08:11	06/01/16 14:35	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/27/16 08:11	06/01/16 14:35	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/27/16 08:11	06/01/16 14:35	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/27/16 08:11	06/01/16 14:35	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/27/16 08:11	06/01/16 14:35	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/27/16 08:11	06/01/16 14:35	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/27/16 08:11	06/01/16 14:35	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/27/16 08:11	06/01/16 14:35	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/27/16 08:11	06/01/16 14:35	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/27/16 08:11	06/01/16 14:35	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/27/16 08:11	06/01/16 14:35	1
2-Nitroaniline	ND		10	0.42	ug/L		05/27/16 08:11	06/01/16 14:35	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/27/16 08:11	06/01/16 14:35	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/27/16 08:11	06/01/16 14:35	1
3-Nitroaniline	ND		10	0.48	ug/L		05/27/16 08:11	06/01/16 14:35	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/27/16 08:11	06/01/16 14:35	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/27/16 08:11	06/01/16 14:35	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/27/16 08:11	06/01/16 14:35	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/27/16 08:11	06/01/16 14:35	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/27/16 08:11	06/01/16 14:35	1
4-Methylphenol	ND		10	0.36	ug/L		05/27/16 08:11	06/01/16 14:35	1
4-Nitroaniline	ND		10	0.25	ug/L		05/27/16 08:11	06/01/16 14:35	1
4-Nitrophenol	ND		10	1.5	ug/L		05/27/16 08:11	06/01/16 14:35	1
Acenaphthene	ND		5.0	0.41	ug/L		05/27/16 08:11	06/01/16 14:35	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/16 08:11	06/01/16 14:35	1
Acetophenone	ND		5.0	0.54	ug/L		05/27/16 08:11	06/01/16 14:35	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: MB 480-303991/1-A

Matrix: Water

Analysis Batch: 304511

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 303991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		05/27/16 08:11	06/01/16 14:35	1
Anthracene	ND		5.0	0.28	ug/L		05/27/16 08:11	06/01/16 14:35	1
Atrazine	ND		5.0	0.46	ug/L		05/27/16 08:11	06/01/16 14:35	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/27/16 08:11	06/01/16 14:35	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/27/16 08:11	06/01/16 14:35	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/27/16 08:11	06/01/16 14:35	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/27/16 08:11	06/01/16 14:35	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/27/16 08:11	06/01/16 14:35	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/27/16 08:11	06/01/16 14:35	1
Biphenyl	ND		5.0	0.65	ug/L		05/27/16 08:11	06/01/16 14:35	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/27/16 08:11	06/01/16 14:35	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/27/16 08:11	06/01/16 14:35	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/27/16 08:11	06/01/16 14:35	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/27/16 08:11	06/01/16 14:35	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/27/16 08:11	06/01/16 14:35	1
Caprolactam	ND		5.0	2.2	ug/L		05/27/16 08:11	06/01/16 14:35	1
Carbazole	ND		5.0	0.30	ug/L		05/27/16 08:11	06/01/16 14:35	1
Chrysene	ND		5.0	0.33	ug/L		05/27/16 08:11	06/01/16 14:35	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/16 08:11	06/01/16 14:35	1
Dibenzofuran	ND		10	0.51	ug/L		05/27/16 08:11	06/01/16 14:35	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/27/16 08:11	06/01/16 14:35	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/27/16 08:11	06/01/16 14:35	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/27/16 08:11	06/01/16 14:35	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/27/16 08:11	06/01/16 14:35	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/16 08:11	06/01/16 14:35	1
Fluorene	ND		5.0	0.36	ug/L		05/27/16 08:11	06/01/16 14:35	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/27/16 08:11	06/01/16 14:35	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/27/16 08:11	06/01/16 14:35	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/27/16 08:11	06/01/16 14:35	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/27/16 08:11	06/01/16 14:35	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/27/16 08:11	06/01/16 14:35	1
Isophorone	ND		5.0	0.43	ug/L		05/27/16 08:11	06/01/16 14:35	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/16 08:11	06/01/16 14:35	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/27/16 08:11	06/01/16 14:35	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/27/16 08:11	06/01/16 14:35	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/27/16 08:11	06/01/16 14:35	1
Pentachlorophenol	ND		10	2.2	ug/L		05/27/16 08:11	06/01/16 14:35	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/16 08:11	06/01/16 14:35	1
Phenol	ND		5.0	0.39	ug/L		05/27/16 08:11	06/01/16 14:35	1
Pyrene	ND		5.0	0.34	ug/L		05/27/16 08:11	06/01/16 14:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		52 - 132	05/27/16 08:11	06/01/16 14:35	1
2-Fluorobiphenyl	62		48 - 120	05/27/16 08:11	06/01/16 14:35	1
2-Fluorophenol	42		20 - 120	05/27/16 08:11	06/01/16 14:35	1
Nitrobenzene-d5	58		46 - 120	05/27/16 08:11	06/01/16 14:35	1
Phenol-d5	30		16 - 120	05/27/16 08:11	06/01/16 14:35	1
p-Terphenyl-d14	74		67 - 150	05/27/16 08:11	06/01/16 14:35	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

Lab Sample ID: LCS 480-303991/2-A

Matrix: Water

Analysis Batch: 304511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 303991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	16.2		ug/L		101	65 - 126
2,4,6-Trichlorophenol	16.0	16.3		ug/L		102	64 - 120
2,4-Dichlorophenol	16.0	16.2		ug/L		101	64 - 120
2,4-Dimethylphenol	16.0	13.4		ug/L		84	57 - 120
2,4-Dinitrophenol	32.0	37.0		ug/L		116	42 - 153
2,4-Dinitrotoluene	16.0	16.4		ug/L		103	65 - 154
2,6-Dinitrotoluene	16.0	16.0		ug/L		100	74 - 134
2-Chloronaphthalene	16.0	14.0		ug/L		87	41 - 124
2-Chlorophenol	16.0	13.6		ug/L		85	48 - 120
2-Methylnaphthalene	16.0	14.6		ug/L		92	34 - 122
2-Methylphenol	16.0	13.0		ug/L		81	39 - 120
2-Nitroaniline	16.0	14.3		ug/L		89	67 - 136
2-Nitrophenol	16.0	15.6		ug/L		97	59 - 120
3,3'-Dichlorobenzidine	32.0	35.0		ug/L		109	33 - 140
3-Nitroaniline	16.0	13.6		ug/L		85	28 - 130
4,6-Dinitro-2-methylphenol	32.0	36.4		ug/L		114	64 - 159
4-Bromophenyl phenyl ether	16.0	16.3		ug/L		102	71 - 126
4-Chloro-3-methylphenol	16.0	15.1		ug/L		94	64 - 120
4-Chloroaniline	16.0	12.1		ug/L		76	10 - 130
4-Chlorophenyl phenyl ether	16.0	16.1		ug/L		100	71 - 122
4-Methylphenol	16.0	13.0		ug/L		81	39 - 120
4-Nitroaniline	16.0	15.2		ug/L		95	47 - 130
4-Nitrophenol	32.0	27.7		ug/L		86	16 - 120
Acenaphthene	16.0	14.2		ug/L		89	60 - 120
Acenaphthylene	16.0	14.1		ug/L		88	63 - 120
Acetophenone	16.0	14.6		ug/L		91	45 - 120
Aniline	16.0	7.35	J	ug/L		46	37 - 120
Anthracene	16.0	14.4		ug/L		90	58 - 148
Atrazine	32.0	37.1		ug/L		116	56 - 179
Benzaldehyde	32.0	49.6	E *	ug/L		155	30 - 140
Benzo(a)anthracene	16.0	14.1		ug/L		88	55 - 151
Benzo(a)pyrene	16.0	14.5		ug/L		91	60 - 145
Benzo(b)fluoranthene	16.0	15.5		ug/L		97	54 - 140
Benzo(g,h,i)perylene	16.0	15.7		ug/L		98	66 - 152
Benzo(k)fluoranthene	16.0	14.4		ug/L		90	51 - 153
Biphenyl	16.0	14.0		ug/L		87	30 - 140
bis (2-chloroisopropyl) ether	16.0	11.7		ug/L		73	28 - 136
Bis(2-chloroethoxy)methane	16.0	13.4		ug/L		84	50 - 128
Bis(2-chloroethyl)ether	16.0	12.5		ug/L		78	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	14.2		ug/L		89	53 - 158
Butyl benzyl phthalate	16.0	14.2		ug/L		89	58 - 163
Caprolactam	32.0	11.0		ug/L		34	14 - 130
Carbazole	16.0	14.2		ug/L		89	59 - 148
Chrysene	16.0	14.1		ug/L		88	69 - 140
Dibenz(a,h)anthracene	16.0	14.8		ug/L		93	57 - 148
Dibenzofuran	16.0	14.7		ug/L		92	49 - 137
Diethyl phthalate	16.0	15.8		ug/L		99	59 - 146
Dimethyl phthalate	16.0	17.1		ug/L		107	59 - 141
Di-n-butyl phthalate	16.0	15.7		ug/L		98	58 - 149
Di-n-octyl phthalate	16.0	13.7		ug/L		86	55 - 167

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: LCS 480-303991/2-A

Matrix: Water

Analysis Batch: 304511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 303991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Fluoranthene	16.0	15.4		ug/L		96	55 - 147	
Fluorene	16.0	14.7		ug/L		92	55 - 143	
Hexachlorobenzene	16.0	16.2		ug/L		101	14 - 130	
Hexachlorobutadiene	16.0	16.2		ug/L		101	14 - 130	
Hexachlorocyclopentadiene	16.0	13.6		ug/L		85	13 - 130	
Hexachloroethane	16.0	12.9		ug/L		81	14 - 130	
Indeno(1,2,3-cd)pyrene	16.0	15.4		ug/L		96	69 - 146	
Isophorone	16.0	13.2		ug/L		82	48 - 133	
Naphthalene	16.0	14.1		ug/L		88	35 - 130	
Nitrobenzene	16.0	13.7		ug/L		86	45 - 123	
N-Nitrosodi-n-propylamine	16.0	13.7		ug/L		86	56 - 120	
N-Nitrosodiphenylamine	16.0	13.9		ug/L		87	25 - 125	
Pentachlorophenol	32.0	37.3		ug/L		117	39 - 136	
Phenanthrene	16.0	14.6		ug/L		91	57 - 147	
Phenol	16.0	8.33		ug/L		52	17 - 120	
Pyrene	16.0	14.1		ug/L		88	58 - 136	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	119		52 - 132
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	65		20 - 120
Nitrobenzene-d5	82		46 - 120
Phenol-d5	47		16 - 120
p-Terphenyl-d14	92		67 - 150

Lab Sample ID: 480-100777-2 MS

Matrix: Ground Water

Analysis Batch: 304511

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 303991

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
2,4,5-Trichlorophenol	ND	F2	14.9	15.6		ug/L		105	65 - 126	
2,4,6-Trichlorophenol	ND	F2	14.9	15.3		ug/L		103	64 - 120	
2,4-Dichlorophenol	ND		14.9	15.2		ug/L		102	64 - 120	
2,4-Dimethylphenol	ND		14.9	13.5		ug/L		91	57 - 120	
2,4-Dinitrophenol	ND		29.7	37.3		ug/L		126	42 - 153	
2,4-Dinitrotoluene	ND	F2	14.9	15.6		ug/L		105	62 - 148	
2,6-Dinitrotoluene	ND	F2	14.9	15.7		ug/L		106	65 - 154	
2-Chloronaphthalene	ND		14.9	12.8		ug/L		86	41 - 124	
2-Chlorophenol	ND		14.9	11.2		ug/L		76	48 - 120	
2-Methylnaphthalene	ND		14.9	13.0		ug/L		87	34 - 122	
2-Methylphenol	ND		14.9	11.4		ug/L		77	39 - 120	
2-Nitroaniline	ND	F2	14.9	13.6		ug/L		91	67 - 136	
2-Nitrophenol	ND		14.9	13.8		ug/L		93	59 - 120	
3,3'-Dichlorobenzidine	ND		29.7	32.3		ug/L		109	33 - 140	
3-Nitroaniline	ND		14.9	13.3		ug/L		89	69 - 129	
4,6-Dinitro-2-methylphenol	ND	F2	29.7	34.8		ug/L		117	64 - 159	
4-Bromophenyl phenyl ether	ND	F2	14.9	15.4		ug/L		103	71 - 126	
4-Chloro-3-methylphenol	ND		14.9	15.0		ug/L		101	64 - 120	

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: 480-100777-2 MS

Matrix: Ground Water

Analysis Batch: 304511

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 303991

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Chloroaniline	ND		14.9	10.2		ug/L		68	60 - 124
4-Chlorophenyl phenyl ether	ND	F2	14.9	14.8		ug/L		100	48 - 145
4-Methylphenol	ND		14.9	11.5		ug/L		77	36 - 120
4-Nitroaniline	ND		14.9	13.9		ug/L		93	64 - 135
4-Nitrophenol	ND		29.7	25.3		ug/L		85	16 - 120
Acenaphthene	ND		14.9	13.1		ug/L		88	60 - 120
Acenaphthylene	ND	F2	14.9	13.0		ug/L		88	63 - 120
Acetophenone	ND		14.9	12.2		ug/L		82	45 - 120
Aniline	ND		14.9	7.81	J	ug/L		53	37 - 120
Anthracene	ND	F2	14.9	14.0		ug/L		95	58 - 148
Atrazine	ND		29.7	34.7		ug/L		117	56 - 179
Benzaldehyde	ND	*	29.7	40.8		ug/L		137	30 - 140
Benzo(a)anthracene	ND	F2	14.9	10.9		ug/L		73	55 - 151
Benzo(a)pyrene	ND	F1 F2	14.9	9.12		ug/L		61	60 - 145
Benzo(b)fluoranthene	ND	F1 F2	14.9	9.50		ug/L		64	54 - 140
Benzo(g,h,i)perylene	ND	F1 F2	14.9	8.90	F1	ug/L		60	66 - 152
Benzo(k)fluoranthene	ND	F1	14.9	8.82		ug/L		59	51 - 153
Biphenyl	ND		14.9	12.6		ug/L		84	30 - 140
bis (2-chloroisopropyl) ether	ND		14.9	9.57		ug/L		64	28 - 136
Bis(2-chloroethoxy)methane	ND		14.9	11.7		ug/L		79	50 - 128
Bis(2-chloroethyl)ether	ND		14.9	10.5		ug/L		71	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F1 F2	14.9	8.90		ug/L		60	53 - 158
Butyl benzyl phthalate	ND	F2	14.9	13.1		ug/L		88	58 - 163
Caprolactam	ND	F1	29.7	8.93		ug/L		30	30 - 140
Carbazole	ND	F2	14.9	13.9		ug/L		94	59 - 148
Chrysene	ND	F1 F2	14.9	10.5		ug/L		71	69 - 140
Dibenz(a,h)anthracene	ND	F1 F2	14.9	8.54		ug/L		57	57 - 158
Dibenzofuran	ND	F2	14.9	13.8		ug/L		93	49 - 137
Diethyl phthalate	ND	F2	14.9	15.3		ug/L		103	59 - 146
Dimethyl phthalate	ND	F2	14.9	16.5		ug/L		111	59 - 141
Di-n-butyl phthalate	ND	F2	14.9	14.7		ug/L		99	58 - 149
Di-n-octyl phthalate	ND	F1 F2	14.9	8.37		ug/L		56	55 - 167
Fluoranthene	ND	F2	14.9	14.9		ug/L		100	55 - 147
Fluorene	ND	F2	14.9	13.9		ug/L		94	55 - 143
Hexachlorobenzene	ND	F2	14.9	14.8		ug/L		100	38 - 131
Hexachlorobutadiene	ND		14.9	13.9		ug/L		93	14 - 130
Hexachlorocyclopentadiene	ND		14.9	11.4		ug/L		76	13 - 130
Hexachloroethane	ND		14.9	10.4		ug/L		70	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1 F2	14.9	8.66	F1	ug/L		58	69 - 146
Isophorone	ND		14.9	11.5		ug/L		77	48 - 133
Naphthalene	ND		14.9	12.2		ug/L		82	35 - 130
Nitrobenzene	ND		14.9	11.7		ug/L		78	45 - 123
N-Nitrosodi-n-propylamine	ND		14.9	11.5		ug/L		77	56 - 120
N-Nitrosodiphenylamine	ND	F2	14.9	13.7		ug/L		92	25 - 125
Pentachlorophenol	ND		29.7	37.6		ug/L		126	39 - 136
Phenanthrene	ND	F2	14.9	14.1		ug/L		95	57 - 147
Phenol	ND		14.9	6.89		ug/L		46	17 - 120
Pyrene	ND	F2	14.9	13.9		ug/L		93	58 - 136

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: 480-100777-2 MS

Matrix: Ground Water

Analysis Batch: 304511

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 303991

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	127		52 - 132
2-Fluorobiphenyl	83		48 - 120
2-Fluorophenol	56		20 - 120
Nitrobenzene-d5	78		46 - 120
Phenol-d5	42		16 - 120
p-Terphenyl-d14	70		67 - 150

Lab Sample ID: 480-100777-2 MSD

Matrix: Ground Water

Analysis Batch: 304511

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 303991

Analyte	Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
2,4,5-Trichlorophenol	ND	F2	15.2	12.5	F2	ug/L		82	65 - 126	22	18	
2,4,6-Trichlorophenol	ND	F2	15.2	12.4	F2	ug/L		82	64 - 120	21	19	
2,4-Dichlorophenol	ND		15.2	12.6		ug/L		82	64 - 120	19	19	
2,4-Dimethylphenol	ND		15.2	11.2		ug/L		74	57 - 120	19	42	
2,4-Dinitrophenol	ND		30.5	31.1		ug/L		102	42 - 153	18	22	
2,4-Dinitrotoluene	ND	F2	15.2	12.7	F2	ug/L		83	62 - 148	21	20	
2,6-Dinitrotoluene	ND	F2	15.2	12.8	F2	ug/L		84	65 - 154	21	15	
2-Chloronaphthalene	ND		15.2	10.6		ug/L		69	41 - 124	19	21	
2-Chlorophenol	ND		15.2	10.0		ug/L		66	48 - 120	12	25	
2-Methylnaphthalene	ND		15.2	11.2		ug/L		74	34 - 122	15	21	
2-Methylphenol	ND		15.2	10.1		ug/L		66	39 - 120	12	27	
2-Nitroaniline	ND	F2	15.2	11.1	F2	ug/L		73	67 - 136	20	15	
2-Nitrophenol	ND		15.2	11.9		ug/L		78	59 - 120	15	18	
3,3'-Dichlorobenzidine	ND		30.5	26.5		ug/L		87	33 - 140	19	25	
3-Nitroaniline	ND		15.2	11.7		ug/L		77	69 - 129	13	19	
4,6-Dinitro-2-methylphenol	ND	F2	30.5	28.4	F2	ug/L		93	64 - 159	20	15	
4-Bromophenyl phenyl ether	ND	F2	15.2	12.1	F2	ug/L		79	71 - 126	24	15	
4-Chloro-3-methylphenol	ND		15.2	12.1		ug/L		79	64 - 120	21	27	
4-Chloroaniline	ND		15.2	9.60		ug/L		63	60 - 124	6	22	
4-Chlorophenyl phenyl ether	ND	F2	15.2	12.2	F2	ug/L		80	48 - 145	20	16	
4-Methylphenol	ND		15.2	9.88		ug/L		65	36 - 120	15	24	
4-Nitroaniline	ND		15.2	12.3		ug/L		81	64 - 135	12	24	
4-Nitrophenol	ND		30.5	22.2		ug/L		73	16 - 120	13	48	
Acenaphthene	ND		15.2	10.7		ug/L		70	60 - 120	20	24	
Acenaphthylene	ND	F2	15.2	10.5	F2	ug/L		69	63 - 120	22	18	
Acetophenone	ND		15.2	10.5		ug/L		69	45 - 120	15	20	
Aniline	ND		15.2	6.85	J	ug/L		45	37 - 120	13	30	
Anthracene	ND	F2	15.2	11.1	F2	ug/L		73	58 - 148	23	15	
Atrazine	ND		30.5	29.8		ug/L		98	56 - 179	15	20	
Benzaldehyde	ND	*	30.5	35.6		ug/L		117	30 - 140	14	20	
Benzo(a)anthracene	ND	F2	15.2	8.99	F2	ug/L		59	55 - 151	19	15	
Benzo(a)pyrene	ND	F1 F2	15.2	7.43	F1 F2	ug/L		49	60 - 145	20	15	
Benzo(b)fluoranthene	ND	F1 F2	15.2	7.71	F1 F2	ug/L		51	54 - 140	21	15	
Benzo(g,h,i)perylene	ND	F1 F2	15.2	7.24	F1 F2	ug/L		47	66 - 152	21	15	
Benzo(k)fluoranthene	ND	F1	15.2	7.35	F1	ug/L		48	51 - 153	18	22	
Biphenyl	ND		15.2	10.2		ug/L		67	30 - 140	20	20	

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: 480-100777-2 MSD

Matrix: Ground Water

Analysis Batch: 304511

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 303991

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
bis (2-chloroisopropyl) ether	ND		15.2	7.96		ug/L		52	28 - 136	18	24
Bis(2-chloroethoxy)methane	ND		15.2	10.0		ug/L		66	50 - 128	15	17
Bis(2-chloroethyl)ether	ND		15.2	9.24		ug/L		61	51 - 120	13	21
Bis(2-ethylhexyl) phthalate	ND	F1 F2	15.2	7.20	F1 F2	ug/L		47	53 - 158	21	15
Butyl benzyl phthalate	ND	F2	15.2	10.2	F2	ug/L		67	58 - 163	25	16
Caprolactam	ND	F1	30.5	8.14	F1	ug/L		27	30 - 140	9	20
Carbazole	ND	F2	15.2	11.2	F2	ug/L		73	59 - 148	22	20
Chrysene	ND	F1 F2	15.2	8.61	F1 F2	ug/L		57	69 - 140	20	15
Dibenz(a,h)anthracene	ND	F1 F2	15.2	6.75	F1 F2	ug/L		44	57 - 158	23	15
Dibenzofuran	ND	F2	15.2	11.2	F2	ug/L		74	49 - 137	21	15
Diethyl phthalate	ND	F2	15.2	12.4	F2	ug/L		82	59 - 146	20	15
Dimethyl phthalate	ND	F2	15.2	13.3	F2	ug/L		87	59 - 141	22	15
Di-n-butyl phthalate	ND	F2	15.2	11.4	F2	ug/L		75	58 - 149	25	15
Di-n-octyl phthalate	ND	F1 F2	15.2	6.89	F1 F2	ug/L		45	55 - 167	19	16
Fluoranthene	ND	F2	15.2	11.9	F2	ug/L		78	55 - 147	22	15
Fluorene	ND	F2	15.2	11.3	F2	ug/L		74	55 - 143	21	15
Hexachlorobenzene	ND	F2	15.2	12.2	F2	ug/L		80	38 - 131	20	15
Hexachlorobutadiene	ND		15.2	12.2		ug/L		80	14 - 130	13	44
Hexachlorocyclopentadiene	ND		15.2	9.81		ug/L		64	13 - 130	15	49
Hexachloroethane	ND		15.2	9.41		ug/L		62	14 - 130	10	46
Indeno(1,2,3-cd)pyrene	ND	F1 F2	15.2	6.97	F1 F2	ug/L		46	69 - 146	22	15
Isophorone	ND		15.2	10.2		ug/L		67	48 - 133	12	17
Naphthalene	ND		15.2	10.4		ug/L		68	35 - 130	16	29
Nitrobenzene	ND		15.2	10.2		ug/L		67	45 - 123	13	24
N-Nitrosodi-n-propylamine	ND		15.2	10.2		ug/L		67	56 - 120	12	31
N-Nitrosodiphenylamine	ND	F2	15.2	10.9	F2	ug/L		72	25 - 125	22	15
Pentachlorophenol	ND		30.5	30.1		ug/L		99	39 - 136	22	37
Phenanthrene	ND	F2	15.2	10.9	F2	ug/L		72	57 - 147	25	15
Phenol	ND		15.2	6.12		ug/L		40	17 - 120	12	34
Pyrene	ND	F2	15.2	11.1	F2	ug/L		73	58 - 136	22	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	95		52 - 132
2-Fluorobiphenyl	68		48 - 120
2-Fluorophenol	50		20 - 120
Nitrobenzene-d5	66		46 - 120
Phenol-d5	37		16 - 120
p-Terphenyl-d14	55	X	67 - 150

Lab Sample ID: MB 480-305000/1-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 305000

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/03/16 14:04	06/06/16 13:25	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/03/16 14:04	06/06/16 13:25	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/03/16 14:04	06/06/16 13:25	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/03/16 14:04	06/06/16 13:25	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: MB 480-305000/1-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 305000

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/03/16 14:04	06/06/16 13:25	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/03/16 14:04	06/06/16 13:25	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/03/16 14:04	06/06/16 13:25	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/03/16 14:04	06/06/16 13:25	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/03/16 14:04	06/06/16 13:25	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/03/16 14:04	06/06/16 13:25	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/03/16 14:04	06/06/16 13:25	1
2-Nitroaniline	ND		10	0.42	ug/L		06/03/16 14:04	06/06/16 13:25	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/03/16 14:04	06/06/16 13:25	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/03/16 14:04	06/06/16 13:25	1
3-Nitroaniline	ND		10	0.48	ug/L		06/03/16 14:04	06/06/16 13:25	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/03/16 14:04	06/06/16 13:25	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/03/16 14:04	06/06/16 13:25	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/03/16 14:04	06/06/16 13:25	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/03/16 14:04	06/06/16 13:25	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/03/16 14:04	06/06/16 13:25	1
4-Methylphenol	ND		10	0.36	ug/L		06/03/16 14:04	06/06/16 13:25	1
4-Nitroaniline	ND		10	0.25	ug/L		06/03/16 14:04	06/06/16 13:25	1
4-Nitrophenol	ND		10	1.5	ug/L		06/03/16 14:04	06/06/16 13:25	1
Acenaphthene	ND		5.0	0.41	ug/L		06/03/16 14:04	06/06/16 13:25	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/03/16 14:04	06/06/16 13:25	1
Acetophenone	ND		5.0	0.54	ug/L		06/03/16 14:04	06/06/16 13:25	1
Aniline	ND		10	0.61	ug/L		06/03/16 14:04	06/06/16 13:25	1
Anthracene	ND		5.0	0.28	ug/L		06/03/16 14:04	06/06/16 13:25	1
Atrazine	ND		5.0	0.46	ug/L		06/03/16 14:04	06/06/16 13:25	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/03/16 14:04	06/06/16 13:25	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/03/16 14:04	06/06/16 13:25	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/03/16 14:04	06/06/16 13:25	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/03/16 14:04	06/06/16 13:25	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/03/16 14:04	06/06/16 13:25	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/03/16 14:04	06/06/16 13:25	1
Biphenyl	ND		5.0	0.65	ug/L		06/03/16 14:04	06/06/16 13:25	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/03/16 14:04	06/06/16 13:25	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/03/16 14:04	06/06/16 13:25	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/03/16 14:04	06/06/16 13:25	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/03/16 14:04	06/06/16 13:25	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/03/16 14:04	06/06/16 13:25	1
Caprolactam	ND		5.0	2.2	ug/L		06/03/16 14:04	06/06/16 13:25	1
Carbazole	ND		5.0	0.30	ug/L		06/03/16 14:04	06/06/16 13:25	1
Chrysene	ND		5.0	0.33	ug/L		06/03/16 14:04	06/06/16 13:25	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/03/16 14:04	06/06/16 13:25	1
Dibenzofuran	ND		10	0.51	ug/L		06/03/16 14:04	06/06/16 13:25	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/03/16 14:04	06/06/16 13:25	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/03/16 14:04	06/06/16 13:25	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/03/16 14:04	06/06/16 13:25	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/03/16 14:04	06/06/16 13:25	1
Fluoranthene	ND		5.0	0.40	ug/L		06/03/16 14:04	06/06/16 13:25	1
Fluorene	ND		5.0	0.36	ug/L		06/03/16 14:04	06/06/16 13:25	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: MB 480-305000/1-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 305000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/03/16 14:04	06/06/16 13:25	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/03/16 14:04	06/06/16 13:25	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/03/16 14:04	06/06/16 13:25	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/03/16 14:04	06/06/16 13:25	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/03/16 14:04	06/06/16 13:25	1
Isophorone	ND		5.0	0.43	ug/L		06/03/16 14:04	06/06/16 13:25	1
Naphthalene	ND		5.0	0.76	ug/L		06/03/16 14:04	06/06/16 13:25	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/03/16 14:04	06/06/16 13:25	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/03/16 14:04	06/06/16 13:25	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/03/16 14:04	06/06/16 13:25	1
Pentachlorophenol	ND		10	2.2	ug/L		06/03/16 14:04	06/06/16 13:25	1
Phenanthrene	ND		5.0	0.44	ug/L		06/03/16 14:04	06/06/16 13:25	1
Phenol	ND		5.0	0.39	ug/L		06/03/16 14:04	06/06/16 13:25	1
Pyrene	ND		5.0	0.34	ug/L		06/03/16 14:04	06/06/16 13:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		52 - 132	06/03/16 14:04	06/06/16 13:25	1
2-Fluorobiphenyl	90		48 - 120	06/03/16 14:04	06/06/16 13:25	1
2-Fluorophenol	77		20 - 120	06/03/16 14:04	06/06/16 13:25	1
Nitrobenzene-d5	87		46 - 120	06/03/16 14:04	06/06/16 13:25	1
Phenol-d5	59		16 - 120	06/03/16 14:04	06/06/16 13:25	1
p-Terphenyl-d14	104		67 - 150	06/03/16 14:04	06/06/16 13:25	1

Lab Sample ID: LCS 480-305000/2-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 305000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	16.2		ug/L		101	65 - 126
2,4,6-Trichlorophenol	16.0	15.7		ug/L		98	64 - 120
2,4-Dichlorophenol	16.0	14.6		ug/L		91	64 - 120
2,4-Dimethylphenol	16.0	13.3		ug/L		83	57 - 120
2,4-Dinitrophenol	32.0	27.2		ug/L		85	42 - 153
2,4-Dinitrotoluene	16.0	15.2		ug/L		95	65 - 154
2,6-Dinitrotoluene	16.0	14.8		ug/L		93	74 - 134
2-Chloronaphthalene	16.0	14.8		ug/L		93	41 - 124
2-Chlorophenol	16.0	14.4		ug/L		90	48 - 120
2-Methylnaphthalene	16.0	13.8		ug/L		86	34 - 122
2-Methylphenol	16.0	14.2		ug/L		89	39 - 120
2-Nitroaniline	16.0	14.7		ug/L		92	67 - 136
2-Nitrophenol	16.0	13.6		ug/L		85	59 - 120
3,3'-Dichlorobenzidine	32.0	34.1		ug/L		107	33 - 140
3-Nitroaniline	16.0	14.1		ug/L		88	28 - 130
4,6-Dinitro-2-methylphenol	32.0	29.1		ug/L		91	64 - 159
4-Bromophenyl phenyl ether	16.0	15.9		ug/L		99	71 - 126
4-Chloro-3-methylphenol	16.0	14.3		ug/L		90	64 - 120
4-Chloroaniline	16.0	15.9		ug/L		99	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.8		ug/L		99	71 - 122

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: LCS 480-305000/2-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 305000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methylphenol	16.0	13.9		ug/L		87	39 - 120
4-Nitroaniline	16.0	16.1		ug/L		100	47 - 130
4-Nitrophenol	32.0	23.0		ug/L		72	16 - 120
Acenaphthene	16.0	14.8		ug/L		93	60 - 120
Acenaphthylene	16.0	14.7		ug/L		92	63 - 120
Acetophenone	16.0	14.5		ug/L		91	45 - 120
Aniline	16.0	5.60	J *	ug/L		35	37 - 120
Anthracene	16.0	14.8		ug/L		92	58 - 148
Atrazine	32.0	35.2		ug/L		110	56 - 179
Benzaldehyde	32.0	27.1		ug/L		85	30 - 140
Benzo(a)anthracene	16.0	15.9		ug/L		99	55 - 151
Benzo(a)pyrene	16.0	16.0		ug/L		100	60 - 145
Benzo(b)fluoranthene	16.0	16.4		ug/L		103	54 - 140
Benzo(g,h,i)perylene	16.0	17.7		ug/L		111	66 - 152
Benzo(k)fluoranthene	16.0	16.1		ug/L		100	51 - 153
Biphenyl	16.0	15.1		ug/L		94	30 - 140
bis (2-chloroisopropyl) ether	16.0	13.1		ug/L		82	28 - 136
Bis(2-chloroethoxy)methane	16.0	14.0		ug/L		87	50 - 128
Bis(2-chloroethyl)ether	16.0	13.5		ug/L		84	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	15.3		ug/L		96	53 - 158
Butyl benzyl phthalate	16.0	15.2		ug/L		95	58 - 163
Caprolactam	32.0	12.8		ug/L		40	14 - 130
Carbazole	16.0	16.5		ug/L		103	59 - 148
Chrysene	16.0	15.8		ug/L		99	69 - 140
Dibenz(a,h)anthracene	16.0	17.7		ug/L		111	57 - 148
Dibenzofuran	16.0	15.1		ug/L		94	49 - 137
Diethyl phthalate	16.0	15.7		ug/L		98	59 - 146
Dimethyl phthalate	16.0	15.8		ug/L		99	59 - 141
Di-n-butyl phthalate	16.0	15.4		ug/L		96	58 - 149
Di-n-octyl phthalate	16.0	14.8		ug/L		93	55 - 167
Fluoranthene	16.0	16.2		ug/L		101	55 - 147
Fluorene	16.0	15.5		ug/L		97	55 - 143
Hexachlorobenzene	16.0	15.4		ug/L		97	14 - 130
Hexachlorobutadiene	16.0	12.8		ug/L		80	14 - 130
Hexachlorocyclopentadiene	16.0	13.5		ug/L		84	13 - 130
Hexachloroethane	16.0	11.9		ug/L		74	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	17.5		ug/L		109	69 - 146
Isophorone	16.0	14.2		ug/L		89	48 - 133
Naphthalene	16.0	13.6		ug/L		85	35 - 130
Nitrobenzene	16.0	13.5		ug/L		84	45 - 123
N-Nitrosodi-n-propylamine	16.0	14.6		ug/L		91	56 - 120
N-Nitrosodiphenylamine	16.0	14.7		ug/L		92	25 - 125
Pentachlorophenol	32.0	27.1		ug/L		85	39 - 136
Phenanthrene	16.0	15.4		ug/L		97	57 - 147
Phenol	16.0	9.95		ug/L		62	17 - 120
Pyrene	16.0	16.1		ug/L		101	58 - 136

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: LCS 480-305000/2-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 305000

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	91		48 - 120
2-Fluorophenol	74		20 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	60		16 - 120
p-Terphenyl-d14	100		67 - 150

Lab Sample ID: LCSD 480-305000/3-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 305000

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits	RPD	RPD	Limit
2,4,5-Trichlorophenol	16.0	12.7	*	ug/L		80	65 - 126	24	18	
2,4,6-Trichlorophenol	16.0	12.3	*	ug/L		77	64 - 120	24	19	
2,4-Dichlorophenol	16.0	12.3		ug/L		77	64 - 120	17	19	
2,4-Dimethylphenol	16.0	11.1		ug/L		69	57 - 120	19	42	
2,4-Dinitrophenol	32.0	23.0		ug/L		72	42 - 153	17	22	
2,4-Dinitrotoluene	16.0	12.8		ug/L		80	65 - 154	17	20	
2,6-Dinitrotoluene	16.0	12.3	*	ug/L		77	74 - 134	19	15	
2-Chloronaphthalene	16.0	11.8	*	ug/L		74	41 - 124	22	21	
2-Chlorophenol	16.0	12.1		ug/L		76	48 - 120	17	25	
2-Methylnaphthalene	16.0	11.8		ug/L		73	34 - 122	16	21	
2-Methylphenol	16.0	12.0		ug/L		75	39 - 120	17	27	
2-Nitroaniline	16.0	11.7	*	ug/L		73	67 - 136	22	15	
2-Nitrophenol	16.0	11.8		ug/L		74	59 - 120	14	18	
3,3'-Dichlorobenzidine	32.0	29.1		ug/L		91	33 - 140	16	25	
3-Nitroaniline	16.0	13.6		ug/L		85	28 - 130	4	19	
4,6-Dinitro-2-methylphenol	32.0	25.0		ug/L		78	64 - 159	15	15	
4-Bromophenyl phenyl ether	16.0	13.2	*	ug/L		83	71 - 126	18	15	
4-Chloro-3-methylphenol	16.0	12.7		ug/L		79	64 - 120	12	27	
4-Chloroaniline	16.0	14.9		ug/L		93	10 - 130	7	22	
4-Chlorophenyl phenyl ether	16.0	12.9	*	ug/L		81	71 - 122	20	16	
4-Methylphenol	16.0	12.3		ug/L		77	39 - 120	12	24	
4-Nitroaniline	16.0	13.7		ug/L		86	47 - 130	16	24	
4-Nitrophenol	32.0	19.9		ug/L		62	16 - 120	15	48	
Acenaphthene	16.0	12.2		ug/L		76	60 - 120	19	24	
Acenaphthylene	16.0	12.0	*	ug/L		75	63 - 120	20	18	
Acetophenone	16.0	11.9		ug/L		75	45 - 120	20	20	
Aniline	16.0	3.70	J *	ug/L		23	37 - 120	41	30	
Anthracene	16.0	12.1	*	ug/L		76	58 - 148	20	15	
Atrazine	32.0	29.6		ug/L		92	56 - 179	17	20	
Benzaldehyde	32.0	22.4		ug/L		70	30 - 140	19	20	
Benzo(a)anthracene	16.0	12.6	*	ug/L		78	55 - 151	24	15	
Benzo(a)pyrene	16.0	12.5	*	ug/L		78	60 - 145	25	15	
Benzo(b)fluoranthene	16.0	13.3	*	ug/L		83	54 - 140	21	15	
Benzo(g,h,i)perylene	16.0	14.3	*	ug/L		89	66 - 152	22	15	
Benzo(k)fluoranthene	16.0	12.8		ug/L		80	51 - 153	22	22	
Biphenyl	16.0	12.0	*	ug/L		75	30 - 140	23	20	

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: LCSD 480-305000/3-A

Matrix: Water

Analysis Batch: 305221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 305000

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							Lower	Upper	RPD	Limit
bis (2-chloroisopropyl) ether	16.0	10.9		ug/L		68	28 - 136	19	24	
Bis(2-chloroethoxy)methane	16.0	12.0		ug/L		75	50 - 128	15	17	
Bis(2-chloroethyl)ether	16.0	11.2		ug/L		70	51 - 120	18	21	
Bis(2-ethylhexyl) phthalate	16.0	12.6	*	ug/L		79	53 - 158	19	15	
Butyl benzyl phthalate	16.0	12.5	*	ug/L		78	58 - 163	19	16	
Caprolactam	32.0	12.3		ug/L		38	14 - 130	4	20	
Carbazole	16.0	13.5	*	ug/L		84	59 - 148	21	20	
Chrysene	16.0	13.0	*	ug/L		81	69 - 140	20	15	
Dibenz(a,h)anthracene	16.0	14.5	*	ug/L		90	57 - 148	20	15	
Dibenzofuran	16.0	12.7	*	ug/L		79	49 - 137	17	15	
Diethyl phthalate	16.0	12.9	*	ug/L		81	59 - 146	19	15	
Dimethyl phthalate	16.0	13.1	*	ug/L		82	59 - 141	19	15	
Di-n-butyl phthalate	16.0	12.6	*	ug/L		79	58 - 149	20	15	
Di-n-octyl phthalate	16.0	12.6		ug/L		79	55 - 167	16	16	
Fluoranthene	16.0	13.1	*	ug/L		82	55 - 147	21	15	
Fluorene	16.0	12.7	*	ug/L		79	55 - 143	20	15	
Hexachlorobenzene	16.0	12.5	*	ug/L		78	14 - 130	21	15	
Hexachlorobutadiene	16.0	11.0		ug/L		69	14 - 130	15	44	
Hexachlorocyclopentadiene	16.0	10.9		ug/L		68	13 - 130	21	49	
Hexachloroethane	16.0	9.99		ug/L		62	14 - 130	17	46	
Indeno(1,2,3-cd)pyrene	16.0	13.9	*	ug/L		87	69 - 146	23	15	
Isophorone	16.0	11.8	*	ug/L		74	48 - 133	19	17	
Naphthalene	16.0	11.4		ug/L		72	35 - 130	17	29	
Nitrobenzene	16.0	11.5		ug/L		72	45 - 123	16	24	
N-Nitrosodi-n-propylamine	16.0	11.9		ug/L		74	56 - 120	20	31	
N-Nitrosodiphenylamine	16.0	12.1	*	ug/L		76	25 - 125	19	15	
Pentachlorophenol	32.0	22.3		ug/L		70	39 - 136	20	37	
Phenanthrene	16.0	12.6	*	ug/L		79	57 - 147	20	15	
Phenol	16.0	9.07		ug/L		57	17 - 120	9	34	
Pyrene	16.0	12.6	*	ug/L		79	58 - 136	24	19	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	76		52 - 132
2-Fluorobiphenyl	71		48 - 120
2-Fluorophenol	65		20 - 120
Nitrobenzene-d5	67		46 - 120
Phenol-d5	54		16 - 120
p-Terphenyl-d14	79		67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-304040/1-A

Matrix: Water

Analysis Batch: 304263

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304040

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		05/27/16 11:05	05/28/16 13:46	1
Antimony	ND		0.020	0.0068	mg/L		05/27/16 11:05	05/28/16 13:46	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: MB 480-304040/1-A

Matrix: Water

Analysis Batch: 304263

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304040

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		0.015	0.0056	mg/L		05/27/16 11:05	05/28/16 13:46	1
Barium	ND		0.0020	0.00070	mg/L		05/27/16 11:05	05/28/16 13:46	1
Beryllium	ND		0.0020	0.00030	mg/L		05/27/16 11:05	05/28/16 13:46	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/16 11:05	05/28/16 13:46	1
Calcium	ND		0.50	0.10	mg/L		05/27/16 11:05	05/28/16 13:46	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/16 11:05	05/28/16 13:46	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/16 11:05	05/28/16 13:46	1
Copper	ND		0.010	0.0016	mg/L		05/27/16 11:05	05/28/16 13:46	1
Iron	ND		0.050	0.019	mg/L		05/27/16 11:05	05/28/16 13:46	1
Lead	ND		0.010	0.0030	mg/L		05/27/16 11:05	05/28/16 13:46	1
Magnesium	ND		0.20	0.043	mg/L		05/27/16 11:05	05/28/16 13:46	1
Manganese	ND		0.0030	0.00040	mg/L		05/27/16 11:05	05/28/16 13:46	1
Nickel	ND		0.010	0.0013	mg/L		05/27/16 11:05	05/28/16 13:46	1
Selenium	ND		0.025	0.0087	mg/L		05/27/16 11:05	05/28/16 13:46	1
Silver	ND		0.0060	0.0017	mg/L		05/27/16 11:05	05/28/16 13:46	1
Thallium	ND		0.020	0.010	mg/L		05/27/16 11:05	05/28/16 13:46	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/16 11:05	05/28/16 13:46	1
Zinc	0.00176	J	0.010	0.0015	mg/L		05/27/16 11:05	05/28/16 13:46	1

Lab Sample ID: MB 480-304040/1-A

Matrix: Water

Analysis Batch: 304477

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304040

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Potassium	ND		0.50	0.10	mg/L		05/27/16 11:05	05/31/16 14:19	1
Sodium	ND		1.0	0.32	mg/L		05/27/16 11:05	05/31/16 14:19	1

Lab Sample ID: LCS 480-304040/2-A

Matrix: Water

Analysis Batch: 304263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Aluminum	10.0	9.72		mg/L		97	80 - 120	
Antimony	0.200	0.198		mg/L		99	80 - 120	
Arsenic	0.200	0.204		mg/L		102	80 - 120	
Barium	0.200	0.204		mg/L		102	80 - 120	
Beryllium	0.200	0.202		mg/L		101	80 - 120	
Cadmium	0.200	0.197		mg/L		98	80 - 120	
Calcium	10.0	9.77		mg/L		98	80 - 120	
Chromium	0.200	0.202		mg/L		101	80 - 120	
Cobalt	0.200	0.199		mg/L		99	80 - 120	
Copper	0.200	0.206		mg/L		103	80 - 120	
Iron	10.0	10.09		mg/L		101	80 - 120	
Lead	0.200	0.204		mg/L		102	80 - 120	
Magnesium	10.0	10.51		mg/L		105	80 - 120	
Manganese	0.200	0.204		mg/L		102	80 - 120	
Nickel	0.200	0.198		mg/L		99	80 - 120	
Selenium	0.200	0.207		mg/L		103	80 - 120	
Silver	0.0500	0.0504		mg/L		101	80 - 120	

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: LCS 480-304040/2-A
Matrix: Water
Analysis Batch: 304263

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 304040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.200	0.202		mg/L		101	80 - 120
Vanadium	0.200	0.207		mg/L		103	80 - 120
Zinc	0.200	0.201		mg/L		100	80 - 120

Lab Sample ID: LCS 480-304040/2-A
Matrix: Water
Analysis Batch: 304477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 304040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	10.0	9.96		mg/L		100	80 - 120
Sodium	10.0	9.88		mg/L		99	80 - 120

Lab Sample ID: 480-100777-2 MS
Matrix: Ground Water
Analysis Batch: 304263

Client Sample ID: BCC Area B RFI-27_0616
Prep Type: Total/NA
Prep Batch: 304040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	9.45		mg/L		95	75 - 125
Antimony	ND		0.200	0.201		mg/L		101	75 - 125
Arsenic	ND		0.200	0.208		mg/L		104	75 - 125
Barium	0.034		0.200	0.222		mg/L		94	75 - 125
Beryllium	ND		0.200	0.195		mg/L		97	75 - 125
Cadmium	ND		0.200	0.200		mg/L		100	75 - 125
Calcium	218		10.0	213.5	4	mg/L		-41	75 - 125
Chromium	0.32		0.200	0.487		mg/L		82	75 - 125
Cobalt	0.017		0.200	0.216		mg/L		99	75 - 125
Copper	0.010		0.200	0.213		mg/L		102	75 - 125
Iron	3.2		10.0	12.41		mg/L		92	75 - 125
Lead	ND		0.200	0.208		mg/L		104	75 - 125
Magnesium	97.9		10.0	103.3	4	mg/L		54	75 - 125
Manganese	0.75	F1	0.200	0.903	F1	mg/L		74	75 - 125
Nickel	0.94		0.200	1.09	4	mg/L		76	75 - 125
Selenium	ND		0.200	0.206		mg/L		103	75 - 125
Silver	ND		0.0500	0.0511		mg/L		102	75 - 125
Thallium	ND		0.200	0.198		mg/L		99	75 - 125
Vanadium	ND		0.200	0.206		mg/L		103	75 - 125
Zinc	0.0046	J B	0.200	0.200		mg/L		98	75 - 125

Lab Sample ID: 480-100777-2 MS
Matrix: Ground Water
Analysis Batch: 304477

Client Sample ID: BCC Area B RFI-27_0616
Prep Type: Total/NA
Prep Batch: 304040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	2.3		10.0	12.48		mg/L		102	75 - 125
Sodium	306		10.0	302.4	4	mg/L		-40	75 - 125

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: 480-100777-2 MSD

Matrix: Ground Water

Analysis Batch: 304263

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 304040

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Aluminum	ND		10.0	9.60		mg/L		96	75 - 125	2	20
Antimony	ND		0.200	0.201		mg/L		100	75 - 125	0	20
Arsenic	ND		0.200	0.209		mg/L		105	75 - 125	1	20
Barium	0.034		0.200	0.225		mg/L		96	75 - 125	1	20
Beryllium	ND		0.200	0.198		mg/L		99	75 - 125	2	20
Cadmium	ND		0.200	0.201		mg/L		101	75 - 125	1	20
Calcium	218		10.0	219.7	4	mg/L		21	75 - 125	3	20
Chromium	0.32		0.200	0.484		mg/L		81	75 - 125	1	20
Cobalt	0.017		0.200	0.218		mg/L		100	75 - 125	1	20
Copper	0.010		0.200	0.212		mg/L		101	75 - 125	1	20
Iron	3.2		10.0	12.59		mg/L		94	75 - 125	1	20
Lead	ND		0.200	0.211		mg/L		105	75 - 125	2	20
Magnesium	97.9		10.0	104.4	4	mg/L		65	75 - 125	1	20
Manganese	0.75	F1	0.200	0.919		mg/L		82	75 - 125	2	20
Nickel	0.94		0.200	1.11	4	mg/L		85	75 - 125	2	20
Selenium	ND		0.200	0.207		mg/L		103	75 - 125	0	20
Silver	ND		0.0500	0.0512		mg/L		102	75 - 125	0	20
Thallium	ND		0.200	0.201		mg/L		101	75 - 125	2	20
Vanadium	ND		0.200	0.204		mg/L		102	75 - 125	1	20
Zinc	0.0046	J B	0.200	0.198		mg/L		97	75 - 125	1	20

Lab Sample ID: 480-100777-2 MSD

Matrix: Ground Water

Analysis Batch: 304477

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 304040

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Potassium	2.3		10.0	12.57		mg/L		103	75 - 125	1	20
Sodium	306		10.0	306.1	4	mg/L		-4	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-304259/1-A

Matrix: Water

Analysis Batch: 304397

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 304259

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		05/31/16 07:20	05/31/16 12:55	1

Lab Sample ID: LCS 480-304259/2-A

Matrix: Water

Analysis Batch: 304397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 304259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Mercury	0.00667	0.00713		mg/L		107	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-100777-1

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

Lab Sample ID: 480-100777-2 MS

Matrix: Ground Water

Analysis Batch: 304397

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 304259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Mercury	ND		0.00667	0.00653		mg/L		98	80 - 120	

Lab Sample ID: 480-100777-2 MSD

Matrix: Ground Water

Analysis Batch: 304397

Client Sample ID: BCC Area B RFI-27_0616

Prep Type: Total/NA

Prep Batch: 304259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
Mercury	ND		0.00667	0.00692		mg/L		104	80 - 120		6	20



QC Association Summary

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

TestAmerica Job ID: 480-100777-1

GC/MS VOA

Analysis Batch: 304494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	8260C	
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	8260C	
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	8260C	
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	8260C	
480-100777-4	BCC Area B RFI-30_0616	Total/NA	Ground Water	8260C	
480-100777-5	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	8260C	
480-100777-6	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-304494/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-304494/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 304616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	8260C	
480-100777-5 - DL	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	8260C	
LCS 480-304616/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-304616/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 303991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	3510C	
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	3510C	
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	3510C	
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	3510C	
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	3510C	
480-100777-4	BCC Area B RFI-30_0616	Total/NA	Ground Water	3510C	
480-100777-5	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	3510C	
LCS 480-303991/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-303991/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 304511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	8270D	303991
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	8270D	303991
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	8270D	303991
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	8270D	303991
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	8270D	303991
480-100777-4	BCC Area B RFI-30_0616	Total/NA	Ground Water	8270D	303991
480-100777-5	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	8270D	303991
LCS 480-303991/2-A	Lab Control Sample	Total/NA	Water	8270D	303991
MB 480-303991/1-A	Method Blank	Total/NA	Water	8270D	303991

Prep Batch: 305000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1 - RE	BCC Area B RFI-18_0616	Total/NA	Ground Water	3510C	
LCS 480-305000/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-305000/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-305000/1-A	Method Blank	Total/NA	Water	3510C	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-100777-1

GC/MS Semi VOA (Continued)

Analysis Batch: 305221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1 - RE	BCC Area B RFI-18_0616	Total/NA	Ground Water	8270D	305000
LCS 480-305000/2-A	Lab Control Sample	Total/NA	Water	8270D	305000
LCSD 480-305000/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	305000
MB 480-305000/1-A	Method Blank	Total/NA	Water	8270D	305000

Metals

Prep Batch: 304040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	3005A	
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	3005A	
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	3005A	
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	3005A	
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	3005A	
480-100777-4	BCC Area B RFI-30_0616	Total/NA	Ground Water	3005A	
480-100777-5	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	3005A	
LCS 480-304040/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-304040/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 304259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	7470A	
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	7470A	
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	7470A	
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	7470A	
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	7470A	
480-100777-4	BCC Area B RFI-30_0616	Total/NA	Ground Water	7470A	
480-100777-5	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	7470A	
LCS 480-304259/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-304259/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 304263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	6010C	304040
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	6010C	304040
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	6010C	304040
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	6010C	304040
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	6010C	304040
480-100777-4	BCC Area B RFI-30_0616	Total/NA	Ground Water	6010C	304040
480-100777-5	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	6010C	304040
LCS 480-304040/2-A	Lab Control Sample	Total/NA	Water	6010C	304040
MB 480-304040/1-A	Method Blank	Total/NA	Water	6010C	304040

Analysis Batch: 304397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	7470A	304259
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	7470A	304259
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	7470A	304259
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	7470A	304259
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	7470A	304259

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-100777-1

Metals (Continued)

Analysis Batch: 304397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-4	BCC Area B RFI-30_0616	Total/NA	Ground Water	7470A	304259
480-100777-5	BCC Area B_RFI-27 D_0616	Total/NA	Ground Water	7470A	304259
LCS 480-304259/2-A	Lab Control Sample	Total/NA	Water	7470A	304259
MB 480-304259/1-A	Method Blank	Total/NA	Water	7470A	304259

Analysis Batch: 304477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-100777-1	BCC Area B RFI-18_0616	Total/NA	Ground Water	6010C	304040
480-100777-2	BCC Area B RFI-27_0616	Total/NA	Ground Water	6010C	304040
480-100777-2 MS	BCC Area B RFI-27_0616	Total/NA	Ground Water	6010C	304040
480-100777-2 MSD	BCC Area B RFI-27_0616	Total/NA	Ground Water	6010C	304040
480-100777-3	BCC Area B RFI-28_0616	Total/NA	Ground Water	6010C	304040
LCS 480-304040/2-A	Lab Control Sample	Total/NA	Water	6010C	304040
MB 480-304040/1-A	Method Blank	Total/NA	Water	6010C	304040

Lab Chronicle

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-18_0616

Lab Sample ID: 480-100777-1

Date Collected: 05/26/16 13:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304494	06/01/16 16:19	SMY	TAL BUF
Total/NA	Prep	3510C	RE		305000	06/03/16 14:04	AVW	TAL BUF
Total/NA	Analysis	8270D	RE	1	305221	06/06/16 14:52	DMR	TAL BUF
Total/NA	Prep	3510C			303991	05/27/16 08:11	CPH	TAL BUF
Total/NA	Analysis	8270D		1	304511	06/01/16 16:34	LMW	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304263	05/28/16 14:34	LMH	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304477	05/31/16 14:36	LMH	TAL BUF
Total/NA	Prep	7470A			304259	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 13:22	JRK	TAL BUF

Client Sample ID: BCC Area B RFI-27_0616

Lab Sample ID: 480-100777-2

Date Collected: 05/26/16 08:40

Matrix: Ground Water

Date Received: 05/26/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	304494	06/01/16 16:42	SMY	TAL BUF
Total/NA	Prep	3510C			303991	05/27/16 08:11	CPH	TAL BUF
Total/NA	Analysis	8270D		1	304511	06/01/16 17:03	LMW	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304263	05/28/16 14:38	LMH	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304477	05/31/16 14:39	LMH	TAL BUF
Total/NA	Prep	7470A			304259	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 13:24	JRK	TAL BUF

Client Sample ID: BCC Area B RFI-28_0616

Lab Sample ID: 480-100777-3

Date Collected: 05/26/16 11:20

Matrix: Ground Water

Date Received: 05/26/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304616	06/01/16 21:37	GTG	TAL BUF
Total/NA	Prep	3510C			303991	05/27/16 08:11	CPH	TAL BUF
Total/NA	Analysis	8270D		1	304511	06/01/16 17:33	LMW	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304263	05/28/16 14:55	LMH	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304477	05/31/16 19:15	LMH	TAL BUF
Total/NA	Prep	7470A			304259	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 13:30	JRK	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-100777-1

Client Sample ID: BCC Area B RFI-30_0616

Lab Sample ID: 480-100777-4

Date Collected: 05/26/16 12:10

Matrix: Ground Water

Date Received: 05/26/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304494	06/01/16 17:30	SMY	TAL BUF
Total/NA	Prep	3510C			303991	05/27/16 08:11	CPH	TAL BUF
Total/NA	Analysis	8270D		1	304511	06/01/16 18:03	LMW	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304263	05/28/16 15:09	LMH	TAL BUF
Total/NA	Prep	7470A			304259	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 13:37	JRK	TAL BUF

Client Sample ID: BCC Area B_RFI-27 D_0616

Lab Sample ID: 480-100777-5

Date Collected: 05/26/16 09:00

Matrix: Ground Water

Date Received: 05/26/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304494	06/01/16 17:53	SMY	TAL BUF
Total/NA	Analysis	8260C	DL	10	304616	06/01/16 22:02	GTG	TAL BUF
Total/NA	Prep	3510C			303991	05/27/16 08:11	CPH	TAL BUF
Total/NA	Analysis	8270D		1	304511	06/01/16 18:32	LMW	TAL BUF
Total/NA	Prep	3005A			304040	05/27/16 11:05	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	304263	05/28/16 15:12	LMH	TAL BUF
Total/NA	Prep	7470A			304259	05/31/16 07:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	304397	05/31/16 13:39	JRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-100777-6

Date Collected: 05/26/16 00:00

Matrix: Water

Date Received: 05/26/16 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	304494	06/01/16 11:05	SMY	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-100777-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

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

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Method Summary

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

TestAmerica Job ID: 480-100777-1

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: 480-100777-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-100777-1	BCC Area B RFI-18_0616	Ground Water	05/26/16 13:10	05/26/16 15:45
480-100777-2	BCC Area B RFI-27_0616	Ground Water	05/26/16 08:40	05/26/16 15:45
480-100777-3	BCC Area B RFI-28_0616	Ground Water	05/26/16 11:20	05/26/16 15:45
480-100777-4	BCC Area B RFI-30_0616	Ground Water	05/26/16 12:10	05/26/16 15:45
480-100777-5	BCC Area B_RFI-27 D_0616	Ground Water	05/26/16 09:00	05/26/16 15:45
480-100777-6	TRIP BLANK	Water	05/26/16 00:00	05/26/16 15:45

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TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

480-100777 Chain of Custody



Client Contact		Project Manager: Schove, John		Site Contact: Tom Wagner			
Ontario Specialty Contracting Inc.		Tel/Fax: (716) 912-9926		Lab Contact: Schove, John			
333 Ganson Street		Analysis Turnaround Time		I of 1 COCs			
Buffalo, NY, 14203		Calendar (C) or Work Days (W) <u>W</u>		Job No. 0813-OMMI			
716-856-3333 Phone		TAT		SDG No.			
716-842-1630 FAX		<input checked="" type="checkbox"/> 2 weeks					
Project Name: Buffalo Color Area B Wells		<input type="checkbox"/> 1 week					
Site: HoneyWell Buffalo Color - NYC915230 EM SITE ID - 37745		<input type="checkbox"/> 2 days					
PO# 52954		<input type="checkbox"/> 1 day					
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Container Volume (ml)	Sample Specific Notes:
BCC_Area B RFI-18_0616	5/26-16	1310	G	W	6	1000	8270C - (MOD) TIC 8VOA - 42 lit + analine
BCC_Area B RFI-27_0616	5/26-16	0840	G	W	6	1000	8260B - TIC 42 lit TIC VOA
BCC_Area B RFI-28_0616	5/26-16	1120	G	W	6	1000	6810B, 7470A (TAL, Metals)
BCC_Area B RFI-30_0616	5/26-16	1210	G	W	6	1000	
BCC_Area B RFI-27_D_0616	5/26-16	0900	G	W	6	1000	
BCC_Area B RFI-27_MS_0616	5/26-16	0915	G	W	6	1000	
BCC_Area B RFI-27_MSD_0616	5/26-16	0930	G	W	6	1000	
Trip Blank	N/A	N/A	N/A	N/A	2		

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 Date/Time: 5/26/16 1345
 Relinquished by: OSC Date/Time: 5/26/16 1545
 Relinquished by: OSC Date/Time: 5/26/16 1545

Company: OSC Company: OSC Company: OSC

Return To Client Disposal By Lab Archive For 1 Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

3.4 7.5 #1



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-100777-1

Login Number: 100777

List Number: 1

Creator: Conway, Curtis R

List Source: TestAmerica Buffalo

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-105476-1

Client Project/Site: 37745-Buffalo Color Area B Wells

Sampling Event: 37745-Buffalo Color Area B Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

9/14/2016 5:18:02 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

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www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Qualifiers

GC/MS VOA

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

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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 Area B Wells

TestAmerica Job ID: 480-105476-1

Job ID: 480-105476-1

Laboratory: TestAmerica Buffalo

Narrative

**Job Narrative
480-105476-1**

Comments

No additional comments.

Receipt

The samples were received on 9/6/2016 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27_0916 (480-105476-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-319178 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: BCC Area B RFI-18_0916 (480-105476-1), BCC Area B RFI-27_0916 (480-105476-2), BCC Area B RFI-28_0916 (480-105476-3), BCC Area B RFI-30_0916 (480-105476-4) and TRIP BLANK (480-105476-6).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-319178 recovered above the upper control limit for Carbon tetrachloride, cis-1,3-Dichloropropene, Dichlorodifluoromethane, Tetrachloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, Trichlorofluoromethane and Methylcyclohexane. 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 B RFI-18_0916 (480-105476-1), BCC Area B RFI-27_0916 (480-105476-2), BCC Area B RFI-28_0916 (480-105476-3), BCC Area B RFI-30_0916 (480-105476-4) and TRIP BLANK (480-105476-6).

Method(s) 8260C: The matrix spike (MS) recoveries for analytical batch 480-319178 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. The following sample is impacted: BCC Area B RFI-18 MS_0916 (480-105476-1[MS]).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 319291 recovered above the upper control limit for trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260C: The results reported for the following sample do not concur with results previously reported for this site: BCC Area B RFI-28_0916 (480-105476-3). Reanalysis was performed, and the results confirmed.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27_0916 (480-105476-2). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-319458 recovered outside acceptance criteria, low biased, for 3,3'-Dichlorobenzidine, 2,4-Dinitrophenol, 2,2'-oxybis[1-chloropropane] and, Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-319605 recovered outside acceptance criteria, low biased, for 2,2'-oxybis[1-chloropropane] and, Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-319609 recovered above the upper control limit for 2,4-Dinitrophenol and 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area B RFI-27_0916 (480-105476-2).

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Job ID: 480-105476-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-319345 and analytical batch 480-319609 recovered outside control limits for the following analytes: 4-Nitrophenol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. BCC Area B RFI-27_0916 (480-105476-2).

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

Metals

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

Organic Prep

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

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Detection Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18_0916

Lab Sample ID: 480-105476-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.6	J	10	3.0	ug/L	1		8260C	Total/NA
2,4-Dichlorophenol	0.64	J	4.6	0.47	ug/L	1		8270D	Total/NA
Aniline	5.3	J	9.2	0.56	ug/L	1		8270D	Total/NA
Aluminum	0.26		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	0.091		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	652		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0078		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0037	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0067	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	19.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0047	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	210		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	3.2		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0066	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	791		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 B RFI-27_0916

Lab Sample ID: 480-105476-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	6.5	J	8.0	6.0	ug/L	8		8260C	Total/NA
Trichloroethene	73		8.0	3.7	ug/L	8		8260C	Total/NA
Tetrachloroethene - DL	820		20	7.2	ug/L	20		8260C	Total/NA
Barium	0.036		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	223	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.29		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0085		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0090	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.2	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	101	B	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.72	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.27		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	298		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0016	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0044	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28_0916

Lab Sample ID: 480-105476-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	2.2		1.0	0.41	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	1.3		1.0	0.79	ug/L	1		8260C	Total/NA
Carbon disulfide	0.95	J	1.0	0.19	ug/L	1		8260C	Total/NA
3,3'-Dichlorobenzidine	1.0	J	4.7	0.37	ug/L	1		8270D	Total/NA
4-Chloroaniline	3.2	J	4.7	0.55	ug/L	1		8270D	Total/NA
Aniline	2.8	J	9.3	0.57	ug/L	1		8270D	Total/NA
Aluminum	0.063	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.053		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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-28_0916 (Continued)

Lab Sample ID: 480-105476-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.033		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	168	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0067		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	0.19	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	15.9	B	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0034	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	429		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.014		0.0050	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30_0916

Lab Sample ID: 480-105476-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.23		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.042		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	246	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.069		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.019		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.013		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	4.7	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	90.4	B	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.3	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.10		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	338		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 B RFI-18 D_0916

Lab Sample ID: 480-105476-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.2	J	10	3.0	ug/L	1		8260C	Total/NA
2,4-Dichlorophenol	0.55	J	4.6	0.47	ug/L	1		8270D	Total/NA
Aniline	2.1	J	9.2	0.56	ug/L	1		8270D	Total/NA
Aluminum	0.20		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	0.091		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	617	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0067		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0029	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	18.8	B	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0062	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	200	B	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.9	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0058	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	751		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0057	J 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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105476-6

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

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18_0916

Lab Sample ID: 480-105476-1

Date Collected: 09/06/16 13:55

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			09/07/16 15:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/16 15:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/16 15:32	1
1,1,2-Trichloroethane	ND	F1	1.0	0.23	ug/L			09/07/16 15:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/16 15:32	1
1,1-Dichloroethene	ND	F1	1.0	0.29	ug/L			09/07/16 15:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/16 15:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/16 15:32	1
1,2-Dibromoethane	ND	F1	1.0	0.73	ug/L			09/07/16 15:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/16 15:32	1
1,2-Dichloroethane	ND	F1	1.0	0.21	ug/L			09/07/16 15:32	1
1,2-Dichloropropane	ND	F1	1.0	0.72	ug/L			09/07/16 15:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/16 15:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/16 15:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/16 15:32	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/16 15:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/16 15:32	1
Acetone	5.6	J	10	3.0	ug/L			09/07/16 15:32	1
Benzene	ND		1.0	0.41	ug/L			09/07/16 15:32	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			09/07/16 15:32	1
Bromoform	ND		1.0	0.26	ug/L			09/07/16 15:32	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/16 15:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/16 15:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/16 15:32	1
Chlorobenzene	ND	F1	1.0	0.75	ug/L			09/07/16 15:32	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/16 15:32	1
Chloroform	ND		1.0	0.34	ug/L			09/07/16 15:32	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/16 15:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/16 15:32	1
cis-1,3-Dichloropropene	ND	F1	1.0	0.36	ug/L			09/07/16 15:32	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/16 15:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/16 15:32	1
Dichlorodifluoromethane	ND	* F1	1.0	0.68	ug/L			09/07/16 15:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/16 15:32	1
Isopropylbenzene	ND	F1	1.0	0.79	ug/L			09/07/16 15:32	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/16 15:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/16 15:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/16 15:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/16 15:32	1
Styrene	ND		1.0	0.73	ug/L			09/07/16 15:32	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			09/07/16 15:32	1
Toluene	ND		1.0	0.51	ug/L			09/07/16 15:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/16 15:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/16 15:32	1
Trichloroethene	ND	F1	1.0	0.46	ug/L			09/07/16 15:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/16 15:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/16 15:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/16 15:32	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18_0916

Lab Sample ID: 480-105476-1

Date Collected: 09/06/16 13:55

Matrix: Ground Water

Date Received: 09/06/16 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		09/07/16 15:32	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/07/16 15:32	1
Toluene-d8 (Surr)	90		80 - 120		09/07/16 15:32	1
Dibromofluoromethane (Surr)	95		75 - 123		09/07/16 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		09/07/16 19:13	09/08/16 17:56	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		09/07/16 19:13	09/08/16 17:56	1
2,4-Dichlorophenol	0.64	J	4.6	0.47	ug/L		09/07/16 19:13	09/08/16 17:56	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/07/16 19:13	09/08/16 17:56	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		09/07/16 19:13	09/08/16 17:56	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/07/16 19:13	09/08/16 17:56	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 17:56	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		09/07/16 19:13	09/08/16 17:56	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/07/16 19:13	09/08/16 17:56	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		09/07/16 19:13	09/08/16 17:56	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 17:56	1
2-Nitroaniline	ND		9.2	0.39	ug/L		09/07/16 19:13	09/08/16 17:56	1
2-Nitrophenol	ND		4.6	0.44	ug/L		09/07/16 19:13	09/08/16 17:56	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 17:56	1
3-Nitroaniline	ND	F1	9.2	0.44	ug/L		09/07/16 19:13	09/08/16 17:56	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		09/07/16 19:13	09/08/16 17:56	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		09/07/16 19:13	09/08/16 17:56	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		09/07/16 19:13	09/08/16 17:56	1
4-Chloroaniline	ND		4.6	0.54	ug/L		09/07/16 19:13	09/08/16 17:56	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/07/16 19:13	09/08/16 17:56	1
4-Methylphenol	ND		9.2	0.33	ug/L		09/07/16 19:13	09/08/16 17:56	1
4-Nitroaniline	ND		9.2	0.23	ug/L		09/07/16 19:13	09/08/16 17:56	1
4-Nitrophenol	ND		9.2	1.4	ug/L		09/07/16 19:13	09/08/16 17:56	1
Acenaphthene	ND		4.6	0.38	ug/L		09/07/16 19:13	09/08/16 17:56	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/07/16 19:13	09/08/16 17:56	1
Acetophenone	ND		4.6	0.50	ug/L		09/07/16 19:13	09/08/16 17:56	1
Aniline	5.3	J	9.2	0.56	ug/L		09/07/16 19:13	09/08/16 17:56	1
Anthracene	ND		4.6	0.26	ug/L		09/07/16 19:13	09/08/16 17:56	1
Atrazine	ND		4.6	0.42	ug/L		09/07/16 19:13	09/08/16 17:56	1
Benzaldehyde	ND		4.6	0.25	ug/L		09/07/16 19:13	09/08/16 17:56	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/07/16 19:13	09/08/16 17:56	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		09/07/16 19:13	09/08/16 17:56	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		09/07/16 19:13	09/08/16 17:56	1
Benzo(g,h,i)perylene	ND	F1	4.6	0.32	ug/L		09/07/16 19:13	09/08/16 17:56	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		09/07/16 19:13	09/08/16 17:56	1
Biphenyl	ND		4.6	0.60	ug/L		09/07/16 19:13	09/08/16 17:56	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/07/16 19:13	09/08/16 17:56	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/07/16 19:13	09/08/16 17:56	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 17:56	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/07/16 19:13	09/08/16 17:56	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		09/07/16 19:13	09/08/16 17:56	1
Caprolactam	ND		4.6	2.0	ug/L		09/07/16 19:13	09/08/16 17:56	1
Carbazole	ND		4.6	0.28	ug/L		09/07/16 19:13	09/08/16 17:56	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18_0916

Lab Sample ID: 480-105476-1

Date Collected: 09/06/16 13:55

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.30	ug/L		09/07/16 19:13	09/08/16 17:56	1
Dibenz(a,h)anthracene	ND	F1	4.6	0.39	ug/L		09/07/16 19:13	09/08/16 17:56	1
Dibenzofuran	ND		9.2	0.47	ug/L		09/07/16 19:13	09/08/16 17:56	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/07/16 19:13	09/08/16 17:56	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/07/16 19:13	09/08/16 17:56	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/07/16 19:13	09/08/16 17:56	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		09/07/16 19:13	09/08/16 17:56	1
Fluoranthene	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 17:56	1
Fluorene	ND		4.6	0.33	ug/L		09/07/16 19:13	09/08/16 17:56	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/07/16 19:13	09/08/16 17:56	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/07/16 19:13	09/08/16 17:56	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		09/07/16 19:13	09/08/16 17:56	1
Hexachloroethane	ND		4.6	0.54	ug/L		09/07/16 19:13	09/08/16 17:56	1
Indeno(1,2,3-cd)pyrene	ND	F1	4.6	0.43	ug/L		09/07/16 19:13	09/08/16 17:56	1
Isophorone	ND		4.6	0.40	ug/L		09/07/16 19:13	09/08/16 17:56	1
Naphthalene	ND		4.6	0.70	ug/L		09/07/16 19:13	09/08/16 17:56	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/07/16 19:13	09/08/16 17:56	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/07/16 19:13	09/08/16 17:56	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/07/16 19:13	09/08/16 17:56	1
Pentachlorophenol	ND		9.2	2.0	ug/L		09/07/16 19:13	09/08/16 17:56	1
Phenanthrene	ND		4.6	0.41	ug/L		09/07/16 19:13	09/08/16 17:56	1
Phenol	ND		4.6	0.36	ug/L		09/07/16 19:13	09/08/16 17:56	1
Pyrene	ND		4.6	0.31	ug/L		09/07/16 19:13	09/08/16 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		52 - 132	09/07/16 19:13	09/08/16 17:56	1
2-Fluorobiphenyl	77		48 - 120	09/07/16 19:13	09/08/16 17:56	1
2-Fluorophenol	56		20 - 120	09/07/16 19:13	09/08/16 17:56	1
Nitrobenzene-d5	72		46 - 120	09/07/16 19:13	09/08/16 17:56	1
Phenol-d5	40		16 - 120	09/07/16 19:13	09/08/16 17:56	1
p-Terphenyl-d14	80		67 - 150	09/07/16 19:13	09/08/16 17:56	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.26		0.20	0.060	mg/L		09/07/16 09:03	09/08/16 18:02	1
Antimony	ND		0.020	0.0068	mg/L		09/07/16 09:03	09/08/16 18:02	1
Arsenic	0.011	J	0.015	0.0056	mg/L		09/07/16 09:03	09/08/16 18:02	1
Barium	0.091		0.0020	0.00070	mg/L		09/07/16 09:03	09/08/16 18:02	1
Beryllium	ND		0.0020	0.00030	mg/L		09/07/16 09:03	09/08/16 18:02	1
Cadmium	ND		0.0020	0.00050	mg/L		09/07/16 09:03	09/08/16 18:02	1
Calcium	652		0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:02	1
Chromium	0.0078		0.0040	0.0010	mg/L		09/07/16 09:03	09/08/16 18:02	1
Cobalt	0.0037	J	0.0040	0.00063	mg/L		09/07/16 09:03	09/08/16 18:02	1
Copper	0.0067	J	0.010	0.0016	mg/L		09/07/16 09:03	09/08/16 18:02	1
Iron	19.6		0.050	0.019	mg/L		09/07/16 09:03	09/08/16 18:02	1
Lead	0.0047	J	0.010	0.0030	mg/L		09/07/16 09:03	09/08/16 18:02	1
Magnesium	210		0.20	0.043	mg/L		09/07/16 09:03	09/08/16 18:02	1
Manganese	3.2		0.0030	0.00040	mg/L		09/07/16 09:03	09/08/16 18:02	1
Nickel	0.0066	J	0.010	0.0013	mg/L		09/07/16 09:03	09/08/16 18:02	1
Potassium	2.2		0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:02	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18_0916

Lab Sample ID: 480-105476-1

Date Collected: 09/06/16 13:55

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/07/16 09:03	09/08/16 18:02	1
Silver	ND		0.0060	0.0017	mg/L		09/07/16 09:03	09/08/16 18:02	1
Sodium	791		1.0	0.32	mg/L		09/07/16 09:03	09/08/16 18:02	1
Thallium	ND		0.020	0.010	mg/L		09/07/16 09:03	09/08/16 18:02	1
Vanadium	ND		0.0050	0.0015	mg/L		09/07/16 09:03	09/08/16 18:02	1
Zinc	0.011		0.010	0.0015	mg/L		09/07/16 09:03	09/08/16 18:02	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/07/16 08:50	09/07/16 12:30	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-27_0916

Lab Sample ID: 480-105476-2

Date Collected: 09/06/16 11:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			09/07/16 15:59	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			09/07/16 15:59	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			09/07/16 15:59	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			09/07/16 15:59	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			09/07/16 15:59	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			09/07/16 15:59	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			09/07/16 15:59	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			09/07/16 15:59	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			09/07/16 15:59	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			09/07/16 15:59	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			09/07/16 15:59	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			09/07/16 15:59	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			09/07/16 15:59	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			09/07/16 15:59	8
2-Butanone (MEK)	ND		80	11	ug/L			09/07/16 15:59	8
2-Hexanone	ND		40	9.9	ug/L			09/07/16 15:59	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			09/07/16 15:59	8
Acetone	ND		80	24	ug/L			09/07/16 15:59	8
Benzene	ND		8.0	3.3	ug/L			09/07/16 15:59	8
Bromodichloromethane	ND		8.0	3.1	ug/L			09/07/16 15:59	8
Bromoform	ND		8.0	2.1	ug/L			09/07/16 15:59	8
Bromomethane	ND		8.0	5.5	ug/L			09/07/16 15:59	8
Carbon disulfide	ND		8.0	1.5	ug/L			09/07/16 15:59	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			09/07/16 15:59	8
Chlorobenzene	6.5	J	8.0	6.0	ug/L			09/07/16 15:59	8
Chloroethane	ND		8.0	2.6	ug/L			09/07/16 15:59	8
Chloroform	ND		8.0	2.7	ug/L			09/07/16 15:59	8
Chloromethane	ND		8.0	2.8	ug/L			09/07/16 15:59	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			09/07/16 15:59	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			09/07/16 15:59	8
Cyclohexane	ND		8.0	1.4	ug/L			09/07/16 15:59	8
Dibromochloromethane	ND		8.0	2.6	ug/L			09/07/16 15:59	8
Dichlorodifluoromethane	ND	*	8.0	5.4	ug/L			09/07/16 15:59	8
Ethylbenzene	ND		8.0	5.9	ug/L			09/07/16 15:59	8
Isopropylbenzene	ND		8.0	6.3	ug/L			09/07/16 15:59	8
Methyl acetate	ND		20	10	ug/L			09/07/16 15:59	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			09/07/16 15:59	8
Methylcyclohexane	ND		8.0	1.3	ug/L			09/07/16 15:59	8
Methylene Chloride	ND		8.0	3.5	ug/L			09/07/16 15:59	8
Styrene	ND		8.0	5.8	ug/L			09/07/16 15:59	8
Toluene	ND		8.0	4.1	ug/L			09/07/16 15:59	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			09/07/16 15:59	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			09/07/16 15:59	8
Trichloroethene	73		8.0	3.7	ug/L			09/07/16 15:59	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			09/07/16 15:59	8
Vinyl chloride	ND		8.0	7.2	ug/L			09/07/16 15:59	8
Xylenes, Total	ND		16	5.3	ug/L			09/07/16 15:59	8

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-27_0916

Lab Sample ID: 480-105476-2

Date Collected: 09/06/16 11:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/07/16 15:59	8
4-Bromofluorobenzene (Surr)	100		73 - 120		09/07/16 15:59	8
Toluene-d8 (Surr)	89		80 - 120		09/07/16 15:59	8
Dibromofluoromethane (Surr)	97		75 - 123		09/07/16 15:59	8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	820		20	7.2	ug/L			09/08/16 00:13	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		09/08/16 00:13	20
4-Bromofluorobenzene (Surr)	106		73 - 120		09/08/16 00:13	20
Toluene-d8 (Surr)	104		80 - 120		09/08/16 00:13	20
Dibromofluoromethane (Surr)	107		75 - 123		09/08/16 00:13	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		09/08/16 07:22	09/09/16 17:30	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		09/08/16 07:22	09/09/16 17:30	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/08/16 07:22	09/09/16 17:30	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/08/16 07:22	09/09/16 17:30	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		09/08/16 07:22	09/09/16 17:30	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/08/16 07:22	09/09/16 17:30	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		09/08/16 07:22	09/09/16 17:30	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		09/08/16 07:22	09/09/16 17:30	1
2-Chlorophenol	ND		4.7	0.50	ug/L		09/08/16 07:22	09/09/16 17:30	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		09/08/16 07:22	09/09/16 17:30	1
2-Methylphenol	ND		4.7	0.38	ug/L		09/08/16 07:22	09/09/16 17:30	1
2-Nitroaniline	ND		9.5	0.40	ug/L		09/08/16 07:22	09/09/16 17:30	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/08/16 07:22	09/09/16 17:30	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		09/08/16 07:22	09/09/16 17:30	1
3-Nitroaniline	ND		9.5	0.45	ug/L		09/08/16 07:22	09/09/16 17:30	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		09/08/16 07:22	09/09/16 17:30	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		09/08/16 07:22	09/09/16 17:30	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		09/08/16 07:22	09/09/16 17:30	1
4-Chloroaniline	ND		4.7	0.56	ug/L		09/08/16 07:22	09/09/16 17:30	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/08/16 07:22	09/09/16 17:30	1
4-Methylphenol	ND		9.5	0.34	ug/L		09/08/16 07:22	09/09/16 17:30	1
4-Nitroaniline	ND		9.5	0.24	ug/L		09/08/16 07:22	09/09/16 17:30	1
4-Nitrophenol	ND *		9.5	1.4	ug/L		09/08/16 07:22	09/09/16 17:30	1
Acenaphthene	ND		4.7	0.39	ug/L		09/08/16 07:22	09/09/16 17:30	1
Acenaphthylene	ND		4.7	0.36	ug/L		09/08/16 07:22	09/09/16 17:30	1
Acetophenone	ND		4.7	0.51	ug/L		09/08/16 07:22	09/09/16 17:30	1
Aniline	ND		9.5	0.58	ug/L		09/08/16 07:22	09/09/16 17:30	1
Anthracene	ND		4.7	0.27	ug/L		09/08/16 07:22	09/09/16 17:30	1
Atrazine	ND		4.7	0.44	ug/L		09/08/16 07:22	09/09/16 17:30	1
Benzaldehyde	ND		4.7	0.25	ug/L		09/08/16 07:22	09/09/16 17:30	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/08/16 07:22	09/09/16 17:30	1
Benzo(a)pyrene	ND		4.7	0.45	ug/L		09/08/16 07:22	09/09/16 17:30	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/08/16 07:22	09/09/16 17:30	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/08/16 07:22	09/09/16 17:30	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-27_0916

Lab Sample ID: 480-105476-2

Date Collected: 09/06/16 11:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		09/08/16 07:22	09/09/16 17:30	1
Biphenyl	ND		4.7	0.62	ug/L		09/08/16 07:22	09/09/16 17:30	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/08/16 07:22	09/09/16 17:30	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/08/16 07:22	09/09/16 17:30	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		09/08/16 07:22	09/09/16 17:30	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		09/08/16 07:22	09/09/16 17:30	1
Butyl benzyl phthalate	ND		4.7	0.95	ug/L		09/08/16 07:22	09/09/16 17:30	1
Caprolactam	ND		4.7	2.1	ug/L		09/08/16 07:22	09/09/16 17:30	1
Carbazole	ND		4.7	0.28	ug/L		09/08/16 07:22	09/09/16 17:30	1
Chrysene	ND		4.7	0.31	ug/L		09/08/16 07:22	09/09/16 17:30	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		09/08/16 07:22	09/09/16 17:30	1
Dibenzofuran	ND		9.5	0.48	ug/L		09/08/16 07:22	09/09/16 17:30	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/08/16 07:22	09/09/16 17:30	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/08/16 07:22	09/09/16 17:30	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/08/16 07:22	09/09/16 17:30	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		09/08/16 07:22	09/09/16 17:30	1
Fluoranthene	ND		4.7	0.38	ug/L		09/08/16 07:22	09/09/16 17:30	1
Fluorene	ND		4.7	0.34	ug/L		09/08/16 07:22	09/09/16 17:30	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		09/08/16 07:22	09/09/16 17:30	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		09/08/16 07:22	09/09/16 17:30	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		09/08/16 07:22	09/09/16 17:30	1
Hexachloroethane	ND		4.7	0.56	ug/L		09/08/16 07:22	09/09/16 17:30	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.45	ug/L		09/08/16 07:22	09/09/16 17:30	1
Isophorone	ND		4.7	0.41	ug/L		09/08/16 07:22	09/09/16 17:30	1
Naphthalene	ND		4.7	0.72	ug/L		09/08/16 07:22	09/09/16 17:30	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/08/16 07:22	09/09/16 17:30	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		09/08/16 07:22	09/09/16 17:30	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		09/08/16 07:22	09/09/16 17:30	1
Pentachlorophenol	ND		9.5	2.1	ug/L		09/08/16 07:22	09/09/16 17:30	1
Phenanthrene	ND		4.7	0.42	ug/L		09/08/16 07:22	09/09/16 17:30	1
Phenol	ND		4.7	0.37	ug/L		09/08/16 07:22	09/09/16 17:30	1
Pyrene	ND		4.7	0.32	ug/L		09/08/16 07:22	09/09/16 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		52 - 132	09/08/16 07:22	09/09/16 17:30	1
2-Fluorobiphenyl	77		48 - 120	09/08/16 07:22	09/09/16 17:30	1
2-Fluorophenol	57		20 - 120	09/08/16 07:22	09/09/16 17:30	1
Nitrobenzene-d5	82		46 - 120	09/08/16 07:22	09/09/16 17:30	1
Phenol-d5	42		16 - 120	09/08/16 07:22	09/09/16 17:30	1
p-Terphenyl-d14	87		67 - 150	09/08/16 07:22	09/09/16 17:30	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/07/16 09:03	09/08/16 18:31	1
Antimony	ND		0.020	0.0068	mg/L		09/07/16 09:03	09/08/16 18:31	1
Arsenic	ND		0.015	0.0056	mg/L		09/07/16 09:03	09/08/16 18:31	1
Barium	0.036		0.0020	0.00070	mg/L		09/07/16 09:03	09/08/16 18:31	1
Beryllium	ND		0.0020	0.00030	mg/L		09/07/16 09:03	09/08/16 18:31	1
Cadmium	ND		0.0020	0.00050	mg/L		09/07/16 09:03	09/08/16 18:31	1
Calcium	223	B	0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:31	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-27_0916

Lab Sample ID: 480-105476-2

Date Collected: 09/06/16 11:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.29		0.0040	0.0010	mg/L		09/07/16 09:03	09/08/16 18:31	1
Cobalt	0.0085		0.0040	0.00063	mg/L		09/07/16 09:03	09/08/16 18:31	1
Copper	0.0090	J	0.010	0.0016	mg/L		09/07/16 09:03	09/08/16 18:31	1
Iron	2.2	B	0.050	0.019	mg/L		09/07/16 09:03	09/08/16 18:31	1
Lead	ND		0.010	0.0030	mg/L		09/07/16 09:03	09/08/16 18:31	1
Magnesium	101	B	0.20	0.043	mg/L		09/07/16 09:03	09/08/16 18:31	1
Manganese	0.72	B	0.0030	0.00040	mg/L		09/07/16 09:03	09/08/16 18:31	1
Nickel	0.27		0.010	0.0013	mg/L		09/07/16 09:03	09/08/16 18:31	1
Potassium	2.3		0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:31	1
Selenium	ND		0.025	0.0087	mg/L		09/07/16 09:03	09/08/16 18:31	1
Silver	ND		0.0060	0.0017	mg/L		09/07/16 09:03	09/08/16 18:31	1
Sodium	298		1.0	0.32	mg/L		09/07/16 09:03	09/08/16 18:31	1
Thallium	ND		0.020	0.010	mg/L		09/07/16 09:03	09/08/16 18:31	1
Vanadium	0.0016	J	0.0050	0.0015	mg/L		09/07/16 09:03	09/08/16 18:31	1
Zinc	0.0044	J B	0.010	0.0015	mg/L		09/07/16 09:03	09/08/16 18:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/07/16 08:50	09/07/16 12:35	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-28_0916

Lab Sample ID: 480-105476-3

Date Collected: 09/06/16 12:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/16 16:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/16 16:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/16 16:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/16 16:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/16 16:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/16 16:26	1
1,2,4-Trichlorobenzene	2.2		1.0	0.41	ug/L			09/07/16 16:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/16 16:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/16 16:26	1
1,2-Dichlorobenzene	1.3		1.0	0.79	ug/L			09/07/16 16:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/16 16:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/16 16:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/16 16:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/16 16:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/16 16:26	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/16 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/16 16:26	1
Acetone	ND		10	3.0	ug/L			09/07/16 16:26	1
Benzene	ND		1.0	0.41	ug/L			09/07/16 16:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/16 16:26	1
Bromoform	ND		1.0	0.26	ug/L			09/07/16 16:26	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/16 16:26	1
Carbon disulfide	0.95	J	1.0	0.19	ug/L			09/07/16 16:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/16 16:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/16 16:26	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/16 16:26	1
Chloroform	ND		1.0	0.34	ug/L			09/07/16 16:26	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/16 16:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/16 16:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/16 16:26	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/16 16:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/16 16:26	1
Dichlorodifluoromethane	ND *		1.0	0.68	ug/L			09/07/16 16:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/16 16:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/16 16:26	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/16 16:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/16 16:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/16 16:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/16 16:26	1
Styrene	ND		1.0	0.73	ug/L			09/07/16 16:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/07/16 16:26	1
Toluene	ND		1.0	0.51	ug/L			09/07/16 16:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/16 16:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/16 16:26	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/16 16:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/16 16:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/16 16:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/16 16:26	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-28_0916

Lab Sample ID: 480-105476-3

Date Collected: 09/06/16 12:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		09/07/16 16:26	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/07/16 16:26	1
Toluene-d8 (Surr)	90		80 - 120		09/07/16 16:26	1
Dibromofluoromethane (Surr)	99		75 - 123		09/07/16 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		09/07/16 19:13	09/08/16 18:25	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		09/07/16 19:13	09/08/16 18:25	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		09/07/16 19:13	09/08/16 18:25	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/07/16 19:13	09/08/16 18:25	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		09/07/16 19:13	09/08/16 18:25	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/07/16 19:13	09/08/16 18:25	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		09/07/16 19:13	09/08/16 18:25	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		09/07/16 19:13	09/08/16 18:25	1
2-Chlorophenol	ND		4.7	0.49	ug/L		09/07/16 19:13	09/08/16 18:25	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		09/07/16 19:13	09/08/16 18:25	1
2-Methylphenol	ND		4.7	0.37	ug/L		09/07/16 19:13	09/08/16 18:25	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/07/16 19:13	09/08/16 18:25	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/07/16 19:13	09/08/16 18:25	1
3,3'-Dichlorobenzidine	1.0	J	4.7	0.37	ug/L		09/07/16 19:13	09/08/16 18:25	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/07/16 19:13	09/08/16 18:25	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/07/16 19:13	09/08/16 18:25	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		09/07/16 19:13	09/08/16 18:25	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		09/07/16 19:13	09/08/16 18:25	1
4-Chloroaniline	3.2	J	4.7	0.55	ug/L		09/07/16 19:13	09/08/16 18:25	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/07/16 19:13	09/08/16 18:25	1
4-Methylphenol	ND		9.3	0.33	ug/L		09/07/16 19:13	09/08/16 18:25	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/07/16 19:13	09/08/16 18:25	1
4-Nitrophenol	ND		9.3	1.4	ug/L		09/07/16 19:13	09/08/16 18:25	1
Acenaphthene	ND		4.7	0.38	ug/L		09/07/16 19:13	09/08/16 18:25	1
Acenaphthylene	ND		4.7	0.35	ug/L		09/07/16 19:13	09/08/16 18:25	1
Acetophenone	ND		4.7	0.50	ug/L		09/07/16 19:13	09/08/16 18:25	1
Aniline	2.8	J	9.3	0.57	ug/L		09/07/16 19:13	09/08/16 18:25	1
Anthracene	ND		4.7	0.26	ug/L		09/07/16 19:13	09/08/16 18:25	1
Atrazine	ND		4.7	0.43	ug/L		09/07/16 19:13	09/08/16 18:25	1
Benzaldehyde	ND		4.7	0.25	ug/L		09/07/16 19:13	09/08/16 18:25	1
Benzo(a)anthracene	ND		4.7	0.33	ug/L		09/07/16 19:13	09/08/16 18:25	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/07/16 19:13	09/08/16 18:25	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/07/16 19:13	09/08/16 18:25	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/07/16 19:13	09/08/16 18:25	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		09/07/16 19:13	09/08/16 18:25	1
Biphenyl	ND		4.7	0.61	ug/L		09/07/16 19:13	09/08/16 18:25	1
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		09/07/16 19:13	09/08/16 18:25	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/07/16 19:13	09/08/16 18:25	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		09/07/16 19:13	09/08/16 18:25	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.0	ug/L		09/07/16 19:13	09/08/16 18:25	1
Butyl benzyl phthalate	ND		4.7	0.93	ug/L		09/07/16 19:13	09/08/16 18:25	1
Caprolactam	ND		4.7	2.0	ug/L		09/07/16 19:13	09/08/16 18:25	1
Carbazole	ND		4.7	0.28	ug/L		09/07/16 19:13	09/08/16 18:25	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-28_0916

Lab Sample ID: 480-105476-3

Date Collected: 09/06/16 12:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		09/07/16 19:13	09/08/16 18:25	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		09/07/16 19:13	09/08/16 18:25	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/07/16 19:13	09/08/16 18:25	1
Diethyl phthalate	ND		4.7	0.20	ug/L		09/07/16 19:13	09/08/16 18:25	1
Dimethyl phthalate	ND		4.7	0.33	ug/L		09/07/16 19:13	09/08/16 18:25	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/07/16 19:13	09/08/16 18:25	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		09/07/16 19:13	09/08/16 18:25	1
Fluoranthene	ND		4.7	0.37	ug/L		09/07/16 19:13	09/08/16 18:25	1
Fluorene	ND		4.7	0.33	ug/L		09/07/16 19:13	09/08/16 18:25	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		09/07/16 19:13	09/08/16 18:25	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		09/07/16 19:13	09/08/16 18:25	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		09/07/16 19:13	09/08/16 18:25	1
Hexachloroethane	ND		4.7	0.55	ug/L		09/07/16 19:13	09/08/16 18:25	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/07/16 19:13	09/08/16 18:25	1
Isophorone	ND		4.7	0.40	ug/L		09/07/16 19:13	09/08/16 18:25	1
Naphthalene	ND		4.7	0.71	ug/L		09/07/16 19:13	09/08/16 18:25	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/07/16 19:13	09/08/16 18:25	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		09/07/16 19:13	09/08/16 18:25	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		09/07/16 19:13	09/08/16 18:25	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/07/16 19:13	09/08/16 18:25	1
Phenanthrene	ND		4.7	0.41	ug/L		09/07/16 19:13	09/08/16 18:25	1
Phenol	ND		4.7	0.36	ug/L		09/07/16 19:13	09/08/16 18:25	1
Pyrene	ND		4.7	0.32	ug/L		09/07/16 19:13	09/08/16 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		52 - 132	09/07/16 19:13	09/08/16 18:25	1
2-Fluorobiphenyl	69		48 - 120	09/07/16 19:13	09/08/16 18:25	1
2-Fluorophenol	45		20 - 120	09/07/16 19:13	09/08/16 18:25	1
Nitrobenzene-d5	62		46 - 120	09/07/16 19:13	09/08/16 18:25	1
Phenol-d5	36		16 - 120	09/07/16 19:13	09/08/16 18:25	1
p-Terphenyl-d14	75		67 - 150	09/07/16 19:13	09/08/16 18:25	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.063	J	0.20	0.060	mg/L		09/07/16 09:03	09/08/16 18:34	1
Antimony	ND		0.020	0.0068	mg/L		09/07/16 09:03	09/08/16 18:34	1
Arsenic	0.053		0.015	0.0056	mg/L		09/07/16 09:03	09/08/16 18:34	1
Barium	0.033		0.0020	0.00070	mg/L		09/07/16 09:03	09/08/16 18:34	1
Beryllium	ND		0.0020	0.00030	mg/L		09/07/16 09:03	09/08/16 18:34	1
Cadmium	ND		0.0020	0.00050	mg/L		09/07/16 09:03	09/08/16 18:34	1
Calcium	168	B	0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:34	1
Chromium	0.0067		0.0040	0.0010	mg/L		09/07/16 09:03	09/08/16 18:34	1
Cobalt	ND		0.0040	0.00063	mg/L		09/07/16 09:03	09/08/16 18:34	1
Copper	0.0019	J	0.010	0.0016	mg/L		09/07/16 09:03	09/08/16 18:34	1
Iron	0.19	B	0.050	0.019	mg/L		09/07/16 09:03	09/08/16 18:34	1
Lead	ND		0.010	0.0030	mg/L		09/07/16 09:03	09/08/16 18:34	1
Magnesium	15.9	B	0.20	0.043	mg/L		09/07/16 09:03	09/08/16 18:34	1
Manganese	0.16	B	0.0030	0.00040	mg/L		09/07/16 09:03	09/08/16 18:34	1
Nickel	0.0034	J	0.010	0.0013	mg/L		09/07/16 09:03	09/08/16 18:34	1
Potassium	7.3		0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:34	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-28_0916

Lab Sample ID: 480-105476-3

Date Collected: 09/06/16 12:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/07/16 09:03	09/08/16 18:34	1
Silver	ND		0.0060	0.0017	mg/L		09/07/16 09:03	09/08/16 18:34	1
Sodium	429		1.0	0.32	mg/L		09/07/16 09:03	09/08/16 18:34	1
Thallium	ND		0.020	0.010	mg/L		09/07/16 09:03	09/08/16 18:34	1
Vanadium	0.014		0.0050	0.0015	mg/L		09/07/16 09:03	09/08/16 18:34	1
Zinc	ND		0.010	0.0015	mg/L		09/07/16 09:03	09/08/16 18:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:02	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-30_0916

Lab Sample ID: 480-105476-4

Date Collected: 09/06/16 13:15

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/16 16:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/16 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/16 16:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/16 16:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/16 16:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/16 16:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/16 16:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/16 16:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/16 16:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/16 16:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/16 16:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/16 16:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/16 16:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/16 16:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/16 16:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/16 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/16 16:52	1
Acetone	ND		10	3.0	ug/L			09/07/16 16:52	1
Benzene	ND		1.0	0.41	ug/L			09/07/16 16:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/16 16:52	1
Bromoform	ND		1.0	0.26	ug/L			09/07/16 16:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/16 16:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/16 16:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/16 16:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/16 16:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/16 16:52	1
Chloroform	ND		1.0	0.34	ug/L			09/07/16 16:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/16 16:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/16 16:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/16 16:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/16 16:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/16 16:52	1
Dichlorodifluoromethane	ND *		1.0	0.68	ug/L			09/07/16 16:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/16 16:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/16 16:52	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/16 16:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/16 16:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/16 16:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/16 16:52	1
Styrene	ND		1.0	0.73	ug/L			09/07/16 16:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/07/16 16:52	1
Toluene	ND		1.0	0.51	ug/L			09/07/16 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/16 16:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/16 16:52	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/16 16:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/16 16:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/16 16:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/16 16:52	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-30_0916

Lab Sample ID: 480-105476-4

Date Collected: 09/06/16 13:15

Matrix: Ground Water

Date Received: 09/06/16 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		09/07/16 16:52	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/07/16 16:52	1
Toluene-d8 (Surr)	90		80 - 120		09/07/16 16:52	1
Dibromofluoromethane (Surr)	93		75 - 123		09/07/16 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		09/07/16 19:13	09/08/16 18:54	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		09/07/16 19:13	09/08/16 18:54	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		09/07/16 19:13	09/08/16 18:54	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/07/16 19:13	09/08/16 18:54	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		09/07/16 19:13	09/08/16 18:54	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/07/16 19:13	09/08/16 18:54	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 18:54	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		09/07/16 19:13	09/08/16 18:54	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/07/16 19:13	09/08/16 18:54	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		09/07/16 19:13	09/08/16 18:54	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 18:54	1
2-Nitroaniline	ND		9.3	0.39	ug/L		09/07/16 19:13	09/08/16 18:54	1
2-Nitrophenol	ND		4.6	0.45	ug/L		09/07/16 19:13	09/08/16 18:54	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 18:54	1
3-Nitroaniline	ND		9.3	0.45	ug/L		09/07/16 19:13	09/08/16 18:54	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		09/07/16 19:13	09/08/16 18:54	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		09/07/16 19:13	09/08/16 18:54	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		09/07/16 19:13	09/08/16 18:54	1
4-Chloroaniline	ND		4.6	0.55	ug/L		09/07/16 19:13	09/08/16 18:54	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/07/16 19:13	09/08/16 18:54	1
4-Methylphenol	ND		9.3	0.33	ug/L		09/07/16 19:13	09/08/16 18:54	1
4-Nitroaniline	ND		9.3	0.23	ug/L		09/07/16 19:13	09/08/16 18:54	1
4-Nitrophenol	ND		9.3	1.4	ug/L		09/07/16 19:13	09/08/16 18:54	1
Acenaphthene	ND		4.6	0.38	ug/L		09/07/16 19:13	09/08/16 18:54	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/07/16 19:13	09/08/16 18:54	1
Acetophenone	ND		4.6	0.50	ug/L		09/07/16 19:13	09/08/16 18:54	1
Aniline	ND		9.3	0.57	ug/L		09/07/16 19:13	09/08/16 18:54	1
Anthracene	ND		4.6	0.26	ug/L		09/07/16 19:13	09/08/16 18:54	1
Atrazine	ND		4.6	0.43	ug/L		09/07/16 19:13	09/08/16 18:54	1
Benzaldehyde	ND		4.6	0.25	ug/L		09/07/16 19:13	09/08/16 18:54	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/07/16 19:13	09/08/16 18:54	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		09/07/16 19:13	09/08/16 18:54	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		09/07/16 19:13	09/08/16 18:54	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		09/07/16 19:13	09/08/16 18:54	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		09/07/16 19:13	09/08/16 18:54	1
Biphenyl	ND		4.6	0.61	ug/L		09/07/16 19:13	09/08/16 18:54	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/07/16 19:13	09/08/16 18:54	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/07/16 19:13	09/08/16 18:54	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 18:54	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/07/16 19:13	09/08/16 18:54	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		09/07/16 19:13	09/08/16 18:54	1
Caprolactam	ND		4.6	2.0	ug/L		09/07/16 19:13	09/08/16 18:54	1
Carbazole	ND		4.6	0.28	ug/L		09/07/16 19:13	09/08/16 18:54	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-30_0916

Lab Sample ID: 480-105476-4

Date Collected: 09/06/16 13:15

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		09/07/16 19:13	09/08/16 18:54	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/07/16 19:13	09/08/16 18:54	1
Dibenzofuran	ND		9.3	0.47	ug/L		09/07/16 19:13	09/08/16 18:54	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/07/16 19:13	09/08/16 18:54	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/07/16 19:13	09/08/16 18:54	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/07/16 19:13	09/08/16 18:54	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		09/07/16 19:13	09/08/16 18:54	1
Fluoranthene	ND		4.6	0.37	ug/L		09/07/16 19:13	09/08/16 18:54	1
Fluorene	ND		4.6	0.33	ug/L		09/07/16 19:13	09/08/16 18:54	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/07/16 19:13	09/08/16 18:54	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/07/16 19:13	09/08/16 18:54	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		09/07/16 19:13	09/08/16 18:54	1
Hexachloroethane	ND		4.6	0.55	ug/L		09/07/16 19:13	09/08/16 18:54	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		09/07/16 19:13	09/08/16 18:54	1
Isophorone	ND		4.6	0.40	ug/L		09/07/16 19:13	09/08/16 18:54	1
Naphthalene	ND		4.6	0.71	ug/L		09/07/16 19:13	09/08/16 18:54	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/07/16 19:13	09/08/16 18:54	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/07/16 19:13	09/08/16 18:54	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/07/16 19:13	09/08/16 18:54	1
Pentachlorophenol	ND		9.3	2.0	ug/L		09/07/16 19:13	09/08/16 18:54	1
Phenanthrene	ND		4.6	0.41	ug/L		09/07/16 19:13	09/08/16 18:54	1
Phenol	ND		4.6	0.36	ug/L		09/07/16 19:13	09/08/16 18:54	1
Pyrene	ND		4.6	0.32	ug/L		09/07/16 19:13	09/08/16 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 132	09/07/16 19:13	09/08/16 18:54	1
2-Fluorobiphenyl	83		48 - 120	09/07/16 19:13	09/08/16 18:54	1
2-Fluorophenol	61		20 - 120	09/07/16 19:13	09/08/16 18:54	1
Nitrobenzene-d5	79		46 - 120	09/07/16 19:13	09/08/16 18:54	1
Phenol-d5	43		16 - 120	09/07/16 19:13	09/08/16 18:54	1
p-Terphenyl-d14	82		67 - 150	09/07/16 19:13	09/08/16 18:54	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.23		0.20	0.060	mg/L		09/07/16 09:03	09/08/16 18:38	1
Antimony	ND		0.020	0.0068	mg/L		09/07/16 09:03	09/08/16 18:38	1
Arsenic	ND		0.015	0.0056	mg/L		09/07/16 09:03	09/08/16 18:38	1
Barium	0.042		0.0020	0.00070	mg/L		09/07/16 09:03	09/08/16 18:38	1
Beryllium	ND		0.0020	0.00030	mg/L		09/07/16 09:03	09/08/16 18:38	1
Cadmium	ND		0.0020	0.00050	mg/L		09/07/16 09:03	09/08/16 18:38	1
Calcium	246	B	0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:38	1
Chromium	0.069		0.0040	0.0010	mg/L		09/07/16 09:03	09/08/16 18:38	1
Cobalt	0.019		0.0040	0.00063	mg/L		09/07/16 09:03	09/08/16 18:38	1
Copper	0.013		0.010	0.0016	mg/L		09/07/16 09:03	09/08/16 18:38	1
Iron	4.7	B	0.050	0.019	mg/L		09/07/16 09:03	09/08/16 18:38	1
Lead	ND		0.010	0.0030	mg/L		09/07/16 09:03	09/08/16 18:38	1
Magnesium	90.4	B	0.20	0.043	mg/L		09/07/16 09:03	09/08/16 18:38	1
Manganese	1.3	B	0.0030	0.00040	mg/L		09/07/16 09:03	09/08/16 18:38	1
Nickel	0.10		0.010	0.0013	mg/L		09/07/16 09:03	09/08/16 18:38	1
Potassium	1.7		0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:38	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-30_0916

Lab Sample ID: 480-105476-4

Date Collected: 09/06/16 13:15

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/07/16 09:03	09/08/16 18:38	1
Silver	ND		0.0060	0.0017	mg/L		09/07/16 09:03	09/08/16 18:38	1
Sodium	338		1.0	0.32	mg/L		09/07/16 09:03	09/08/16 18:38	1
Thallium	ND		0.020	0.010	mg/L		09/07/16 09:03	09/08/16 18:38	1
Vanadium	ND		0.0050	0.0015	mg/L		09/07/16 09:03	09/08/16 18:38	1
Zinc	0.013	B	0.010	0.0015	mg/L		09/07/16 09:03	09/08/16 18:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:04	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18 D_0916

Lab Sample ID: 480-105476-5

Date Collected: 09/06/16 14:10

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/08/16 00:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/08/16 00:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/08/16 00:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/08/16 00:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/08/16 00:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/08/16 00:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/08/16 00:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/08/16 00:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/08/16 00:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/08/16 00:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/16 00:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/08/16 00:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/08/16 00:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/08/16 00:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/08/16 00:36	1
2-Hexanone	ND		5.0	1.2	ug/L			09/08/16 00:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/08/16 00:36	1
Acetone	4.2	J	10	3.0	ug/L			09/08/16 00:36	1
Benzene	ND		1.0	0.41	ug/L			09/08/16 00:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/08/16 00:36	1
Bromoform	ND		1.0	0.26	ug/L			09/08/16 00:36	1
Bromomethane	ND		1.0	0.69	ug/L			09/08/16 00:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/08/16 00:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/08/16 00:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/08/16 00:36	1
Chloroethane	ND		1.0	0.32	ug/L			09/08/16 00:36	1
Chloroform	ND		1.0	0.34	ug/L			09/08/16 00:36	1
Chloromethane	ND		1.0	0.35	ug/L			09/08/16 00:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/08/16 00:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/08/16 00:36	1
Cyclohexane	ND		1.0	0.18	ug/L			09/08/16 00:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/08/16 00:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/08/16 00:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/08/16 00:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/08/16 00:36	1
Methyl acetate	ND		2.5	1.3	ug/L			09/08/16 00:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/08/16 00:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/08/16 00:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/08/16 00:36	1
Styrene	ND		1.0	0.73	ug/L			09/08/16 00:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/08/16 00:36	1
Toluene	ND		1.0	0.51	ug/L			09/08/16 00:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/08/16 00:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/08/16 00:36	1
Trichloroethene	ND		1.0	0.46	ug/L			09/08/16 00:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/08/16 00:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/08/16 00:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/08/16 00:36	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18 D_0916

Lab Sample ID: 480-105476-5

Date Collected: 09/06/16 14:10

Matrix: Ground Water

Date Received: 09/06/16 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		09/08/16 00:36	1
4-Bromofluorobenzene (Surr)	103		73 - 120		09/08/16 00:36	1
Toluene-d8 (Surr)	103		80 - 120		09/08/16 00:36	1
Dibromofluoromethane (Surr)	111		75 - 123		09/08/16 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		09/07/16 19:13	09/09/16 12:19	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		09/07/16 19:13	09/09/16 12:19	1
2,4-Dichlorophenol	0.55	J	4.6	0.47	ug/L		09/07/16 19:13	09/09/16 12:19	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		09/07/16 19:13	09/09/16 12:19	1
2,4-Dinitrophenol	ND		9.2	2.1	ug/L		09/07/16 19:13	09/09/16 12:19	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		09/07/16 19:13	09/09/16 12:19	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		09/07/16 19:13	09/09/16 12:19	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		09/07/16 19:13	09/09/16 12:19	1
2-Chlorophenol	ND		4.6	0.49	ug/L		09/07/16 19:13	09/09/16 12:19	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		09/07/16 19:13	09/09/16 12:19	1
2-Methylphenol	ND		4.6	0.37	ug/L		09/07/16 19:13	09/09/16 12:19	1
2-Nitroaniline	ND		9.2	0.39	ug/L		09/07/16 19:13	09/09/16 12:19	1
2-Nitrophenol	ND		4.6	0.44	ug/L		09/07/16 19:13	09/09/16 12:19	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		09/07/16 19:13	09/09/16 12:19	1
3-Nitroaniline	ND		9.2	0.44	ug/L		09/07/16 19:13	09/09/16 12:19	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		09/07/16 19:13	09/09/16 12:19	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		09/07/16 19:13	09/09/16 12:19	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		09/07/16 19:13	09/09/16 12:19	1
4-Chloroaniline	ND		4.6	0.55	ug/L		09/07/16 19:13	09/09/16 12:19	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		09/07/16 19:13	09/09/16 12:19	1
4-Methylphenol	ND		9.2	0.33	ug/L		09/07/16 19:13	09/09/16 12:19	1
4-Nitroaniline	ND		9.2	0.23	ug/L		09/07/16 19:13	09/09/16 12:19	1
4-Nitrophenol	ND		9.2	1.4	ug/L		09/07/16 19:13	09/09/16 12:19	1
Acenaphthene	ND		4.6	0.38	ug/L		09/07/16 19:13	09/09/16 12:19	1
Acenaphthylene	ND		4.6	0.35	ug/L		09/07/16 19:13	09/09/16 12:19	1
Acetophenone	ND		4.6	0.50	ug/L		09/07/16 19:13	09/09/16 12:19	1
Aniline	2.1	J	9.2	0.56	ug/L		09/07/16 19:13	09/09/16 12:19	1
Anthracene	ND		4.6	0.26	ug/L		09/07/16 19:13	09/09/16 12:19	1
Atrazine	ND		4.6	0.43	ug/L		09/07/16 19:13	09/09/16 12:19	1
Benzaldehyde	ND		4.6	0.25	ug/L		09/07/16 19:13	09/09/16 12:19	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		09/07/16 19:13	09/09/16 12:19	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		09/07/16 19:13	09/09/16 12:19	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		09/07/16 19:13	09/09/16 12:19	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		09/07/16 19:13	09/09/16 12:19	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		09/07/16 19:13	09/09/16 12:19	1
Biphenyl	ND		4.6	0.60	ug/L		09/07/16 19:13	09/09/16 12:19	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		09/07/16 19:13	09/09/16 12:19	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		09/07/16 19:13	09/09/16 12:19	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		09/07/16 19:13	09/09/16 12:19	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		09/07/16 19:13	09/09/16 12:19	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		09/07/16 19:13	09/09/16 12:19	1
Caprolactam	ND		4.6	2.0	ug/L		09/07/16 19:13	09/09/16 12:19	1
Carbazole	ND		4.6	0.28	ug/L		09/07/16 19:13	09/09/16 12:19	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18 D_0916

Lab Sample ID: 480-105476-5

Date Collected: 09/06/16 14:10

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		09/07/16 19:13	09/09/16 12:19	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		09/07/16 19:13	09/09/16 12:19	1
Dibenzofuran	ND		9.2	0.47	ug/L		09/07/16 19:13	09/09/16 12:19	1
Diethyl phthalate	ND		4.6	0.20	ug/L		09/07/16 19:13	09/09/16 12:19	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		09/07/16 19:13	09/09/16 12:19	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		09/07/16 19:13	09/09/16 12:19	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		09/07/16 19:13	09/09/16 12:19	1
Fluoranthene	ND		4.6	0.37	ug/L		09/07/16 19:13	09/09/16 12:19	1
Fluorene	ND		4.6	0.33	ug/L		09/07/16 19:13	09/09/16 12:19	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		09/07/16 19:13	09/09/16 12:19	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		09/07/16 19:13	09/09/16 12:19	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		09/07/16 19:13	09/09/16 12:19	1
Hexachloroethane	ND		4.6	0.55	ug/L		09/07/16 19:13	09/09/16 12:19	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		09/07/16 19:13	09/09/16 12:19	1
Isophorone	ND		4.6	0.40	ug/L		09/07/16 19:13	09/09/16 12:19	1
Naphthalene	ND		4.6	0.70	ug/L		09/07/16 19:13	09/09/16 12:19	1
Nitrobenzene	ND		4.6	0.27	ug/L		09/07/16 19:13	09/09/16 12:19	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		09/07/16 19:13	09/09/16 12:19	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		09/07/16 19:13	09/09/16 12:19	1
Pentachlorophenol	ND		9.2	2.0	ug/L		09/07/16 19:13	09/09/16 12:19	1
Phenanthrene	ND		4.6	0.41	ug/L		09/07/16 19:13	09/09/16 12:19	1
Phenol	ND		4.6	0.36	ug/L		09/07/16 19:13	09/09/16 12:19	1
Pyrene	ND		4.6	0.31	ug/L		09/07/16 19:13	09/09/16 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 132	09/07/16 19:13	09/09/16 12:19	1
2-Fluorobiphenyl	70		48 - 120	09/07/16 19:13	09/09/16 12:19	1
2-Fluorophenol	50		20 - 120	09/07/16 19:13	09/09/16 12:19	1
Nitrobenzene-d5	66		46 - 120	09/07/16 19:13	09/09/16 12:19	1
Phenol-d5	37		16 - 120	09/07/16 19:13	09/09/16 12:19	1
p-Terphenyl-d14	83		67 - 150	09/07/16 19:13	09/09/16 12:19	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		09/07/16 09:03	09/08/16 18:42	1
Antimony	ND		0.020	0.0068	mg/L		09/07/16 09:03	09/08/16 18:42	1
Arsenic	0.014	J	0.015	0.0056	mg/L		09/07/16 09:03	09/08/16 18:42	1
Barium	0.091		0.0020	0.00070	mg/L		09/07/16 09:03	09/08/16 18:42	1
Beryllium	ND		0.0020	0.00030	mg/L		09/07/16 09:03	09/08/16 18:42	1
Cadmium	ND		0.0020	0.00050	mg/L		09/07/16 09:03	09/08/16 18:42	1
Calcium	617	B	0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:42	1
Chromium	0.0067		0.0040	0.0010	mg/L		09/07/16 09:03	09/08/16 18:42	1
Cobalt	0.0029	J	0.0040	0.00063	mg/L		09/07/16 09:03	09/08/16 18:42	1
Copper	0.0037	J	0.010	0.0016	mg/L		09/07/16 09:03	09/08/16 18:42	1
Iron	18.8	B	0.050	0.019	mg/L		09/07/16 09:03	09/08/16 18:42	1
Lead	0.0062	J	0.010	0.0030	mg/L		09/07/16 09:03	09/08/16 18:42	1
Magnesium	200	B	0.20	0.043	mg/L		09/07/16 09:03	09/08/16 18:42	1
Manganese	2.9	B	0.0030	0.00040	mg/L		09/07/16 09:03	09/08/16 18:42	1
Nickel	0.0058	J	0.010	0.0013	mg/L		09/07/16 09:03	09/08/16 18:42	1
Potassium	2.2		0.50	0.10	mg/L		09/07/16 09:03	09/08/16 18:42	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18 D_0916

Lab Sample ID: 480-105476-5

Date Collected: 09/06/16 14:10

Matrix: Ground Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/07/16 09:03	09/08/16 18:42	1
Silver	ND		0.0060	0.0017	mg/L		09/07/16 09:03	09/08/16 18:42	1
Sodium	751		1.0	0.32	mg/L		09/07/16 09:03	09/08/16 18:42	1
Thallium	ND		0.020	0.010	mg/L		09/07/16 09:03	09/08/16 18:42	1
Vanadium	ND		0.0050	0.0015	mg/L		09/07/16 09:03	09/08/16 18:42	1
Zinc	0.0057	J B	0.010	0.0015	mg/L		09/07/16 09:03	09/08/16 18:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 12:07	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105476-6

Date Collected: 09/06/16 00:00

Matrix: Water

Date Received: 09/06/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/16 17:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/16 17:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/16 17:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/16 17:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/16 17:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/16 17:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/16 17:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/16 17:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/16 17:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/16 17:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/16 17:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/16 17:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/16 17:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/16 17:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/16 17:46	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/16 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/16 17:46	1
Acetone	3.1	J	10	3.0	ug/L			09/07/16 17:46	1
Benzene	ND		1.0	0.41	ug/L			09/07/16 17:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/16 17:46	1
Bromoform	ND		1.0	0.26	ug/L			09/07/16 17:46	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/16 17:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/16 17:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/16 17:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/16 17:46	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/16 17:46	1
Chloroform	ND		1.0	0.34	ug/L			09/07/16 17:46	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/16 17:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/16 17:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/16 17:46	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/16 17:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/16 17:46	1
Dichlorodifluoromethane	ND	*	1.0	0.68	ug/L			09/07/16 17:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/16 17:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/16 17:46	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/16 17:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/16 17:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/16 17:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/16 17:46	1
Styrene	ND		1.0	0.73	ug/L			09/07/16 17:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/07/16 17:46	1
Toluene	ND		1.0	0.51	ug/L			09/07/16 17:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/16 17:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/16 17:46	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/16 17:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/16 17:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/16 17:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/16 17:46	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105476-6

Date Collected: 09/06/16 00:00

Matrix: Water

Date Received: 09/06/16 16:10

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		09/07/16 17:46	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/07/16 17:46	1
Toluene-d8 (Surr)	90		80 - 120		09/07/16 17:46	1
Dibromofluoromethane (Surr)	98		75 - 123		09/07/16 17:46	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-105476-1	BCC Area B RFI-18_0916	103	98	90	95
480-105476-1 MS	BCC Area B RFI-18 MS_0916	99	97	91	98
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	98	97	90	95
480-105476-2	BCC Area B RFI-27_0916	99	100	89	97
480-105476-2 - DL	BCC Area B RFI-27_0916	102	106	104	107
480-105476-3	BCC Area B RFI-28_0916	101	99	90	99
480-105476-4	BCC Area B RFI-30_0916	97	98	90	93
480-105476-5	BCC Area B RFI-18 D_0916	104	103	103	111

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-105476-6	TRIP BLANK	101	99	90	98
LCS 480-319178/5	Lab Control Sample	98	99	89	98
LCS 480-319290/4	Lab Control Sample	106	105	101	106
MB 480-319178/7	Method Blank	100	98	88	97
MB 480-319290/6	Method Blank	106	106	105	104

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-105476-1	BCC Area B RFI-18_0916	94	77	56	72	40	80
480-105476-1 MS	BCC Area B RFI-18 MS_0916	98	84	69	81	53	72
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	92	78	65	74	51	68
480-105476-2	BCC Area B RFI-27_0916	105	77	57	82	42	87
480-105476-3	BCC Area B RFI-28_0916	99	69	45	62	36	75
480-105476-4	BCC Area B RFI-30_0916	91	83	61	79	43	82
480-105476-5	BCC Area B RFI-18 D_0916	96	70	50	66	37	83

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl

TestAmerica Buffalo

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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 480-319294/2-A	Lab Control Sample	79	70	60	68	47	78
LCS 480-319345/2-A	Lab Control Sample	112	88	70	87	54	99
MB 480-319294/1-A	Method Blank	84	79	65	78	48	91
MB 480-319345/1-A	Method Blank	109	91	70	95	52	112

Surrogate Legend

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

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: MB 480-319178/7

Matrix: Water

Analysis Batch: 319178

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/16 11:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/16 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/16 11:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/16 11:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/16 11:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/16 11:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/16 11:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/16 11:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/16 11:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/16 11:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/16 11:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/16 11:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/16 11:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/16 11:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/16 11:43	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/16 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/16 11:43	1
Acetone	ND		10	3.0	ug/L			09/07/16 11:43	1
Benzene	ND		1.0	0.41	ug/L			09/07/16 11:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/16 11:43	1
Bromoform	ND		1.0	0.26	ug/L			09/07/16 11:43	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/16 11:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/16 11:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/16 11:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/16 11:43	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/16 11:43	1
Chloroform	ND		1.0	0.34	ug/L			09/07/16 11:43	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/16 11:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/16 11:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/16 11:43	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/16 11:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/16 11:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/16 11:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/16 11:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/16 11:43	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/16 11:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/16 11:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/16 11:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/16 11:43	1
Styrene	ND		1.0	0.73	ug/L			09/07/16 11:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/07/16 11:43	1
Toluene	ND		1.0	0.51	ug/L			09/07/16 11:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/16 11:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/16 11:43	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/16 11:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/16 11:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/16 11:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/16 11:43	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		09/07/16 11:43	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/07/16 11:43	1
Toluene-d8 (Surr)	88		80 - 120		09/07/16 11:43	1
Dibromofluoromethane (Surr)	97		75 - 123		09/07/16 11:43	1

Lab Sample ID: LCS 480-319178/5

Matrix: Water

Analysis Batch: 319178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	32.3		ug/L		129	61 - 148
1,1,2-Trichloroethane	25.0	26.7		ug/L		107	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	28.9		ug/L		116	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.6		ug/L		86	56 - 134
1,2-Dibromoethane	25.0	26.7		ug/L		107	77 - 120
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	25.1		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	26.8		ug/L		107	76 - 120
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	26.6		ug/L		106	80 - 120
2-Butanone (MEK)	125	131		ug/L		105	57 - 140
2-Hexanone	125	126		ug/L		101	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	129		ug/L		103	56 - 142
Benzene	25.0	26.2		ug/L		105	71 - 124
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122
Bromoform	25.0	23.2		ug/L		93	61 - 132
Bromomethane	25.0	27.5		ug/L		110	55 - 144
Carbon disulfide	25.0	26.9		ug/L		107	59 - 134
Carbon tetrachloride	25.0	29.2		ug/L		117	72 - 134
Chlorobenzene	25.0	26.3		ug/L		105	80 - 120
Chloroethane	25.0	26.4		ug/L		106	69 - 136
Chloroform	25.0	25.4		ug/L		102	73 - 127
Chloromethane	25.0	27.0		ug/L		108	68 - 124
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	29.6		ug/L		118	74 - 124
Cyclohexane	25.0	28.7		ug/L		115	59 - 135
Dibromochloromethane	25.0	26.0		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	38.8 *		ug/L		155	59 - 135
Ethylbenzene	25.0	25.9		ug/L		103	77 - 123
Isopropylbenzene	25.0	27.5		ug/L		110	77 - 122
Methyl acetate	125	123		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	23.5		ug/L		94	77 - 120
Methylcyclohexane	25.0	29.2		ug/L		117	68 - 134
Methylene Chloride	25.0	25.6		ug/L		103	75 - 124
Styrene	25.0	25.9		ug/L		104	80 - 120
Tetrachloroethene	25.0	29.4		ug/L		118	74 - 122
Toluene	25.0	25.4		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: LCS 480-319178/5

Matrix: Water

Analysis Batch: 319178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	27.3		ug/L		109	80 - 120
Trichloroethene	25.0	28.5		ug/L		114	74 - 123
Trichlorofluoromethane	25.0	31.1		ug/L		124	62 - 150
Vinyl chloride	25.0	28.1		ug/L		112	65 - 133
Xylenes, Total	50.0	50.8		ug/L		102	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	89		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: 480-105476-1 MS

Matrix: Ground Water

Analysis Batch: 319178

Client Sample ID: BCC Area B RFI-18 MS_0916

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F1	25.0	32.4	F1	ug/L		129	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	27.8		ug/L		111	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	35.6		ug/L		143	61 - 148
1,1,2-Trichloroethane	ND	F1	25.0	30.6		ug/L		122	76 - 122
1,1-Dichloroethane	ND		25.0	29.0		ug/L		116	77 - 120
1,1-Dichloroethene	ND	F1	25.0	33.2	F1	ug/L		133	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	22.5		ug/L		90	56 - 134
1,2-Dibromoethane	ND	F1	25.0	30.7	F1	ug/L		123	77 - 120
1,2-Dichlorobenzene	ND		25.0	28.5		ug/L		114	80 - 124
1,2-Dichloroethane	ND	F1	25.0	30.2	F1	ug/L		121	75 - 120
1,2-Dichloropropane	ND	F1	25.0	32.1	F1	ug/L		128	76 - 120
1,3-Dichlorobenzene	ND		25.0	29.4		ug/L		117	77 - 120
1,4-Dichlorobenzene	ND		25.0	30.1		ug/L		120	78 - 124
2-Butanone (MEK)	ND		125	163		ug/L		130	57 - 140
2-Hexanone	ND		125	155		ug/L		124	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	144		ug/L		115	71 - 125
Acetone	5.6	J	125	160		ug/L		124	56 - 142
Benzene	ND		25.0	30.4		ug/L		122	71 - 124
Bromodichloromethane	ND	F1	25.0	31.0	F1	ug/L		124	80 - 122
Bromoform	ND		25.0	23.7		ug/L		95	61 - 132
Bromomethane	ND		25.0	27.1		ug/L		109	55 - 144
Carbon disulfide	ND		25.0	29.6		ug/L		118	59 - 134
Carbon tetrachloride	ND		25.0	32.4		ug/L		129	72 - 134
Chlorobenzene	ND	F1	25.0	30.4	F1	ug/L		121	80 - 120
Chloroethane	ND		25.0	28.5		ug/L		114	69 - 136
Chloroform	ND		25.0	28.7		ug/L		115	73 - 127
Chloromethane	ND		25.0	26.6		ug/L		107	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.5		ug/L		114	74 - 124
cis-1,3-Dichloropropene	ND	F1	25.0	32.3	F1	ug/L		129	74 - 124

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: 480-105476-1 MS

Matrix: Ground Water

Analysis Batch: 319178

Client Sample ID: BCC Area B RFI-18 MS_0916

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Cyclohexane	ND		25.0	32.3		ug/L		129	59 - 135
Dibromochloromethane	ND		25.0	28.8		ug/L		115	75 - 125
Dichlorodifluoromethane	ND	* F1	25.0	40.6	F1	ug/L		162	59 - 135
Ethylbenzene	ND		25.0	29.7		ug/L		119	77 - 123
Isopropylbenzene	ND	F1	25.0	31.0	F1	ug/L		124	77 - 122
Methyl acetate	ND		125	139		ug/L		111	74 - 133
Methyl tert-butyl ether	ND		25.0	26.9		ug/L		107	77 - 120
Methylcyclohexane	ND		25.0	33.0		ug/L		132	68 - 134
Methylene Chloride	ND		25.0	30.7		ug/L		123	75 - 124
Styrene	ND		25.0	28.7		ug/L		115	80 - 120
Tetrachloroethene	ND	F1	25.0	34.0	F1	ug/L		136	74 - 122
Toluene	ND		25.0	29.6		ug/L		118	80 - 122
trans-1,2-Dichloroethene	ND		25.0	29.4		ug/L		117	73 - 127
trans-1,3-Dichloropropene	ND		25.0	28.3		ug/L		113	80 - 120
Trichloroethene	ND	F1	25.0	33.1	F1	ug/L		132	74 - 123
Trichlorofluoromethane	ND		25.0	31.4		ug/L		126	62 - 150
Vinyl chloride	ND		25.0	30.1		ug/L		120	65 - 133
Xylenes, Total	ND		50.0	59.0		ug/L		118	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: 480-105476-1 MSD

Matrix: Ground Water

Analysis Batch: 319178

Client Sample ID: BCC Area B RFI-18 MSD_0916

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND	F1	25.0	29.6		ug/L		119	73 - 126	9	15
1,1,2,2-Tetrachloroethane	ND		25.0	28.1		ug/L		112	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	32.9		ug/L		132	61 - 148	8	20
1,1,2-Trichloroethane	ND	F1	25.0	30.8	F1	ug/L		123	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	27.3		ug/L		109	77 - 120	6	20
1,1-Dichloroethene	ND	F1	25.0	30.1		ug/L		120	66 - 127	10	16
1,2,4-Trichlorobenzene	ND		25.0	27.1		ug/L		109	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.0		ug/L		96	56 - 134	7	15
1,2-Dibromoethane	ND	F1	25.0	31.5	F1	ug/L		126	77 - 120	3	15
1,2-Dichlorobenzene	ND		25.0	28.3		ug/L		113	80 - 124	0	20
1,2-Dichloroethane	ND	F1	25.0	29.1		ug/L		117	75 - 120	4	20
1,2-Dichloropropane	ND	F1	25.0	31.2	F1	ug/L		125	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	29.3		ug/L		117	77 - 120	0	20
1,4-Dichlorobenzene	ND		25.0	29.3		ug/L		117	78 - 124	3	20
2-Butanone (MEK)	ND		125	163		ug/L		131	57 - 140	0	20
2-Hexanone	ND		125	152		ug/L		122	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	142		ug/L		114	71 - 125	1	35

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: 480-105476-1 MSD

Matrix: Ground Water

Analysis Batch: 319178

Client Sample ID: BCC Area B RFI-18 MSD_0916

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	5.6	J	125	153		ug/L		118	56 - 142	5	15
Benzene	ND		25.0	29.4		ug/L		117	71 - 124	4	13
Bromodichloromethane	ND	F1	25.0	29.5		ug/L		118	80 - 122	5	15
Bromoform	ND		25.0	23.5		ug/L		94	61 - 132	1	15
Bromomethane	ND		25.0	25.9		ug/L		103	55 - 144	5	15
Carbon disulfide	ND		25.0	28.1		ug/L		112	59 - 134	5	15
Carbon tetrachloride	ND		25.0	30.0		ug/L		120	72 - 134	8	15
Chlorobenzene	ND	F1	25.0	29.4		ug/L		117	80 - 120	3	25
Chloroethane	ND		25.0	26.8		ug/L		107	69 - 136	6	15
Chloroform	ND		25.0	27.4		ug/L		110	73 - 127	5	20
Chloromethane	ND		25.0	25.9		ug/L		104	68 - 124	3	15
cis-1,2-Dichloroethene	ND		25.0	28.0		ug/L		112	74 - 124	2	15
cis-1,3-Dichloropropene	ND	F1	25.0	31.9	F1	ug/L		127	74 - 124	1	15
Cyclohexane	ND		25.0	29.5		ug/L		118	59 - 135	9	20
Dibromochloromethane	ND		25.0	27.8		ug/L		111	75 - 125	4	15
Dichlorodifluoromethane	ND	* F1	25.0	36.8	F1	ug/L		147	59 - 135	10	20
Ethylbenzene	ND		25.0	28.5		ug/L		114	77 - 123	4	15
Isopropylbenzene	ND	F1	25.0	30.3		ug/L		121	77 - 122	2	20
Methyl acetate	ND		125	134		ug/L		108	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	25.7		ug/L		103	77 - 120	4	37
Methylcyclohexane	ND		25.0	30.1		ug/L		120	68 - 134	9	20
Methylene Chloride	ND		25.0	29.1		ug/L		116	75 - 124	5	15
Styrene	ND		25.0	28.2		ug/L		113	80 - 120	2	20
Tetrachloroethene	ND	F1	25.0	32.9	F1	ug/L		132	74 - 122	3	20
Toluene	ND		25.0	29.3		ug/L		117	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	73 - 127	4	20
trans-1,3-Dichloropropene	ND		25.0	29.3		ug/L		117	80 - 120	3	15
Trichloroethene	ND	F1	25.0	31.8	F1	ug/L		127	74 - 123	4	16
Trichlorofluoromethane	ND		25.0	29.2		ug/L		117	62 - 150	8	20
Vinyl chloride	ND		25.0	28.7		ug/L		115	65 - 133	5	15
Xylenes, Total	ND		50.0	56.7		ug/L		113	76 - 122	4	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	90		80 - 120
Dibromofluoromethane (Surr)	95		75 - 123

Lab Sample ID: MB 480-319290/6

Matrix: Water

Analysis Batch: 319290

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			09/07/16 23:27	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/16 23:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/16 23:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/16 23:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/16 23:27	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: MB 480-319290/6

Matrix: Water

Analysis Batch: 319290

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/16 23:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/16 23:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/16 23:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/16 23:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/16 23:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/16 23:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/16 23:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/16 23:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/16 23:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/16 23:27	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/16 23:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/16 23:27	1
Acetone	ND		10	3.0	ug/L			09/07/16 23:27	1
Benzene	ND		1.0	0.41	ug/L			09/07/16 23:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/16 23:27	1
Bromoform	ND		1.0	0.26	ug/L			09/07/16 23:27	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/16 23:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/16 23:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/16 23:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/16 23:27	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/16 23:27	1
Chloroform	ND		1.0	0.34	ug/L			09/07/16 23:27	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/16 23:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/16 23:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/16 23:27	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/16 23:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/16 23:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/16 23:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/16 23:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/16 23:27	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/16 23:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/16 23:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/16 23:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/16 23:27	1
Styrene	ND		1.0	0.73	ug/L			09/07/16 23:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/07/16 23:27	1
Toluene	ND		1.0	0.51	ug/L			09/07/16 23:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/16 23:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/16 23:27	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/16 23:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/16 23:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/16 23:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/16 23:27	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/07/16 23:27	1
4-Bromofluorobenzene (Surr)	106		73 - 120		09/07/16 23:27	1
Toluene-d8 (Surr)	105		80 - 120		09/07/16 23:27	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: MB 480-319290/6

Matrix: Water

Analysis Batch: 319290

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery Qualifier				
Dibromofluoromethane (Surr)	104	75 - 123		09/07/16 23:27	1

Lab Sample ID: LCS 480-319290/4

Matrix: Water

Analysis Batch: 319290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.6		ug/L		90	61 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	25.3		ug/L		101	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.1		ug/L		80	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	127		ug/L		101	65 - 127
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	149		ug/L		119	56 - 142
Benzene	25.0	25.4		ug/L		101	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	23.6		ug/L		94	61 - 132
Bromomethane	25.0	22.3		ug/L		89	55 - 144
Carbon disulfide	25.0	27.5		ug/L		110	59 - 134
Carbon tetrachloride	25.0	26.2		ug/L		105	72 - 134
Chlorobenzene	25.0	25.9		ug/L		103	80 - 120
Chloroethane	25.0	22.0		ug/L		88	69 - 136
Chloroform	25.0	24.7		ug/L		99	73 - 127
Chloromethane	25.0	27.4		ug/L		110	68 - 124
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Cyclohexane	25.0	26.2		ug/L		105	59 - 135
Dibromochloromethane	25.0	24.6		ug/L		98	75 - 125
Dichlorodifluoromethane	25.0	24.2		ug/L		97	59 - 135
Ethylbenzene	25.0	25.4		ug/L		102	77 - 123
Isopropylbenzene	25.0	24.4		ug/L		98	77 - 122
Methyl acetate	125	122		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	23.8		ug/L		95	77 - 120
Methylcyclohexane	25.0	27.6		ug/L		111	68 - 134
Methylene Chloride	25.0	26.6		ug/L		106	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: LCS 480-319290/4

Matrix: Water

Analysis Batch: 319290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	28.2		ug/L		113	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	22.5		ug/L		90	80 - 120
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	30.5		ug/L		122	62 - 150
Vinyl chloride	25.0	25.7		ug/L		103	65 - 133
Xylenes, Total	50.0	50.1		ug/L		100	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	106		75 - 123

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

Lab Sample ID: MB 480-319294/1-A

Matrix: Water

Analysis Batch: 319458

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 319294

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/07/16 19:13	09/08/16 15:57	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/07/16 19:13	09/08/16 15:57	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/07/16 19:13	09/08/16 15:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/07/16 19:13	09/08/16 15:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/07/16 19:13	09/08/16 15:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/07/16 19:13	09/08/16 15:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/07/16 19:13	09/08/16 15:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/07/16 19:13	09/08/16 15:57	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/07/16 19:13	09/08/16 15:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/07/16 19:13	09/08/16 15:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/07/16 19:13	09/08/16 15:57	1
2-Nitroaniline	ND		10	0.42	ug/L		09/07/16 19:13	09/08/16 15:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/07/16 19:13	09/08/16 15:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/07/16 19:13	09/08/16 15:57	1
3-Nitroaniline	ND		10	0.48	ug/L		09/07/16 19:13	09/08/16 15:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/07/16 19:13	09/08/16 15:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/07/16 19:13	09/08/16 15:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/07/16 19:13	09/08/16 15:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/07/16 19:13	09/08/16 15:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/07/16 19:13	09/08/16 15:57	1
4-Methylphenol	ND		10	0.36	ug/L		09/07/16 19:13	09/08/16 15:57	1
4-Nitroaniline	ND		10	0.25	ug/L		09/07/16 19:13	09/08/16 15:57	1
4-Nitrophenol	ND		10	1.5	ug/L		09/07/16 19:13	09/08/16 15:57	1
Acenaphthene	ND		5.0	0.41	ug/L		09/07/16 19:13	09/08/16 15:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/07/16 19:13	09/08/16 15:57	1
Acetophenone	ND		5.0	0.54	ug/L		09/07/16 19:13	09/08/16 15:57	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: MB 480-319294/1-A

Matrix: Water

Analysis Batch: 319458

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 319294

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		09/07/16 19:13	09/08/16 15:57	1
Anthracene	ND		5.0	0.28	ug/L		09/07/16 19:13	09/08/16 15:57	1
Atrazine	ND		5.0	0.46	ug/L		09/07/16 19:13	09/08/16 15:57	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/07/16 19:13	09/08/16 15:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/07/16 19:13	09/08/16 15:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/07/16 19:13	09/08/16 15:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/07/16 19:13	09/08/16 15:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/07/16 19:13	09/08/16 15:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/07/16 19:13	09/08/16 15:57	1
Biphenyl	ND		5.0	0.65	ug/L		09/07/16 19:13	09/08/16 15:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/07/16 19:13	09/08/16 15:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/07/16 19:13	09/08/16 15:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/07/16 19:13	09/08/16 15:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/07/16 19:13	09/08/16 15:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/07/16 19:13	09/08/16 15:57	1
Caprolactam	ND		5.0	2.2	ug/L		09/07/16 19:13	09/08/16 15:57	1
Carbazole	ND		5.0	0.30	ug/L		09/07/16 19:13	09/08/16 15:57	1
Chrysene	ND		5.0	0.33	ug/L		09/07/16 19:13	09/08/16 15:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/07/16 19:13	09/08/16 15:57	1
Dibenzofuran	ND		10	0.51	ug/L		09/07/16 19:13	09/08/16 15:57	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/07/16 19:13	09/08/16 15:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/07/16 19:13	09/08/16 15:57	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/07/16 19:13	09/08/16 15:57	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/07/16 19:13	09/08/16 15:57	1
Fluoranthene	ND		5.0	0.40	ug/L		09/07/16 19:13	09/08/16 15:57	1
Fluorene	ND		5.0	0.36	ug/L		09/07/16 19:13	09/08/16 15:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/07/16 19:13	09/08/16 15:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/07/16 19:13	09/08/16 15:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/07/16 19:13	09/08/16 15:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/07/16 19:13	09/08/16 15:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/07/16 19:13	09/08/16 15:57	1
Isophorone	ND		5.0	0.43	ug/L		09/07/16 19:13	09/08/16 15:57	1
Naphthalene	ND		5.0	0.76	ug/L		09/07/16 19:13	09/08/16 15:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/07/16 19:13	09/08/16 15:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/07/16 19:13	09/08/16 15:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/07/16 19:13	09/08/16 15:57	1
Pentachlorophenol	ND		10	2.2	ug/L		09/07/16 19:13	09/08/16 15:57	1
Phenanthrene	ND		5.0	0.44	ug/L		09/07/16 19:13	09/08/16 15:57	1
Phenol	ND		5.0	0.39	ug/L		09/07/16 19:13	09/08/16 15:57	1
Pyrene	ND		5.0	0.34	ug/L		09/07/16 19:13	09/08/16 15:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 132	09/07/16 19:13	09/08/16 15:57	1
2-Fluorobiphenyl	79		48 - 120	09/07/16 19:13	09/08/16 15:57	1
2-Fluorophenol	65		20 - 120	09/07/16 19:13	09/08/16 15:57	1
Nitrobenzene-d5	78		46 - 120	09/07/16 19:13	09/08/16 15:57	1
Phenol-d5	48		16 - 120	09/07/16 19:13	09/08/16 15:57	1
p-Terphenyl-d14	91		67 - 150	09/07/16 19:13	09/08/16 15:57	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Lab Sample ID: LCS 480-319294/2-A

Matrix: Water

Analysis Batch: 319458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 319294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	12.5		ug/L		78	65 - 126
2,4,6-Trichlorophenol	16.0	11.6		ug/L		72	64 - 120
2,4-Dichlorophenol	16.0	12.1		ug/L		75	64 - 120
2,4-Dimethylphenol	16.0	11.9		ug/L		74	57 - 120
2,4-Dinitrophenol	32.0	16.9		ug/L		53	42 - 153
2,4-Dinitrotoluene	16.0	12.7		ug/L		79	65 - 154
2,6-Dinitrotoluene	16.0	12.7		ug/L		79	74 - 134
2-Chloronaphthalene	16.0	11.7		ug/L		73	41 - 124
2-Chlorophenol	16.0	11.5		ug/L		72	48 - 120
2-Methylnaphthalene	16.0	11.8		ug/L		74	34 - 122
2-Methylphenol	16.0	10.9		ug/L		68	39 - 120
2-Nitroaniline	16.0	11.0		ug/L		69	67 - 136
2-Nitrophenol	16.0	12.2		ug/L		76	59 - 120
3,3'-Dichlorobenzidine	32.0	27.1		ug/L		85	33 - 140
3-Nitroaniline	16.0	11.6		ug/L		73	28 - 130
4,6-Dinitro-2-methylphenol	32.0	22.6		ug/L		71	64 - 159
4-Bromophenyl phenyl ether	16.0	13.3		ug/L		83	71 - 126
4-Chloro-3-methylphenol	16.0	12.4		ug/L		78	64 - 120
4-Chloroaniline	16.0	10.9		ug/L		68	10 - 130
4-Chlorophenyl phenyl ether	16.0	12.7		ug/L		79	71 - 122
4-Methylphenol	16.0	10.9		ug/L		68	39 - 120
4-Nitroaniline	16.0	13.9		ug/L		87	47 - 130
4-Nitrophenol	32.0	18.7		ug/L		58	16 - 120
Acenaphthene	16.0	11.9		ug/L		75	60 - 120
Acenaphthylene	16.0	11.6		ug/L		72	63 - 120
Acetophenone	16.0	11.3		ug/L		71	45 - 120
Aniline	16.0	7.00	J	ug/L		44	37 - 120
Anthracene	16.0	12.3		ug/L		77	58 - 148
Atrazine	32.0	28.7		ug/L		90	56 - 179
Benzaldehyde	32.0	11.8		ug/L		37	30 - 140
Benzo(a)anthracene	16.0	12.3		ug/L		77	55 - 151
Benzo(a)pyrene	16.0	12.9		ug/L		81	60 - 145
Benzo(b)fluoranthene	16.0	12.3		ug/L		77	54 - 140
Benzo(g,h,i)perylene	16.0	13.2		ug/L		82	66 - 152
Benzo(k)fluoranthene	16.0	13.4		ug/L		83	51 - 153
Biphenyl	16.0	12.0		ug/L		75	30 - 140
bis (2-chloroisopropyl) ether	16.0	7.77		ug/L		49	28 - 136
Bis(2-chloroethoxy)methane	16.0	11.4		ug/L		71	50 - 128
Bis(2-chloroethyl)ether	16.0	10.6		ug/L		66	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	12.0		ug/L		75	53 - 158
Butyl benzyl phthalate	16.0	11.7		ug/L		73	58 - 163
Caprolactam	32.0	10.6		ug/L		33	14 - 130
Carbazole	16.0	13.7		ug/L		86	59 - 148
Chrysene	16.0	12.7		ug/L		80	69 - 140
Dibenz(a,h)anthracene	16.0	13.6		ug/L		85	57 - 148
Dibenzofuran	16.0	11.9		ug/L		75	49 - 137
Diethyl phthalate	16.0	12.5		ug/L		78	59 - 146
Dimethyl phthalate	16.0	12.8		ug/L		80	59 - 141
Di-n-butyl phthalate	16.0	12.8		ug/L		80	58 - 149
Di-n-octyl phthalate	16.0	12.8		ug/L		80	55 - 167

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: LCS 480-319294/2-A

Matrix: Water

Analysis Batch: 319458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 319294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	16.0	13.1		ug/L		82	55 - 147
Fluorene	16.0	12.1		ug/L		75	55 - 143
Hexachlorobenzene	16.0	13.7		ug/L		86	14 - 130
Hexachlorobutadiene	16.0	11.6		ug/L		72	14 - 130
Hexachlorocyclopentadiene	16.0	9.43		ug/L		59	13 - 130
Hexachloroethane	16.0	10.5		ug/L		65	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	13.7		ug/L		85	69 - 146
Isophorone	16.0	11.3		ug/L		71	48 - 133
Naphthalene	16.0	12.2		ug/L		76	35 - 130
Nitrobenzene	16.0	10.9		ug/L		68	45 - 123
N-Nitrosodi-n-propylamine	16.0	10.4		ug/L		65	56 - 120
N-Nitrosodiphenylamine	16.0	12.3		ug/L		77	25 - 125
Pentachlorophenol	32.0	12.7		ug/L		40	39 - 136
Phenanthrene	16.0	12.5		ug/L		78	57 - 147
Phenol	16.0	7.75		ug/L		48	17 - 120
Pyrene	16.0	11.8		ug/L		74	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	79		52 - 132
2-Fluorobiphenyl	70		48 - 120
2-Fluorophenol	60		20 - 120
Nitrobenzene-d5	68		46 - 120
Phenol-d5	47		16 - 120
p-Terphenyl-d14	78		67 - 150

Lab Sample ID: 480-105476-1 MS

Matrix: Ground Water

Analysis Batch: 319458

Client Sample ID: BCC Area B RFI-18 MS_0916

Prep Type: Total/NA

Prep Batch: 319294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		16.0	15.2		ug/L		95	65 - 126
2,4,6-Trichlorophenol	ND		16.0	14.1		ug/L		88	64 - 120
2,4-Dichlorophenol	0.64	J	16.0	15.5		ug/L		93	64 - 120
2,4-Dimethylphenol	ND		16.0	14.3		ug/L		89	57 - 120
2,4-Dinitrophenol	ND		32.0	27.3		ug/L		85	42 - 153
2,4-Dinitrotoluene	ND		16.0	15.1		ug/L		94	62 - 148
2,6-Dinitrotoluene	ND		16.0	15.2		ug/L		95	65 - 154
2-Chloronaphthalene	ND		16.0	13.8		ug/L		86	41 - 124
2-Chlorophenol	ND		16.0	13.6		ug/L		85	48 - 120
2-Methylnaphthalene	ND		16.0	13.7		ug/L		85	34 - 122
2-Methylphenol	ND		16.0	12.5		ug/L		78	39 - 120
2-Nitroaniline	ND		16.0	13.5		ug/L		84	67 - 136
2-Nitrophenol	ND		16.0	14.2		ug/L		89	59 - 120
3,3'-Dichlorobenzidine	ND		32.0	17.2		ug/L		54	33 - 140
3-Nitroaniline	ND	F1	16.0	11.0		ug/L		69	69 - 129
4,6-Dinitro-2-methylphenol	ND		32.0	28.3		ug/L		89	64 - 159
4-Bromophenyl phenyl ether	ND		16.0	15.2		ug/L		95	71 - 126
4-Chloro-3-methylphenol	ND		16.0	14.6		ug/L		91	64 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: 480-105476-1 MS

Matrix: Ground Water

Analysis Batch: 319458

Client Sample ID: BCC Area B RFI-18 MS_0916

Prep Type: Total/NA

Prep Batch: 319294

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Chloroaniline	ND		16.0	9.66		ug/L		60	60 - 124
4-Chlorophenyl phenyl ether	ND		16.0	14.9		ug/L		93	48 - 145
4-Methylphenol	ND		16.0	12.9		ug/L		80	36 - 120
4-Nitroaniline	ND		16.0	13.7		ug/L		86	64 - 135
4-Nitrophenol	ND		32.0	23.2		ug/L		72	16 - 120
Acenaphthene	ND		16.0	14.2		ug/L		89	60 - 120
Acenaphthylene	ND		16.0	13.8		ug/L		86	63 - 120
Acetophenone	ND		16.0	13.2		ug/L		83	45 - 120
Aniline	5.3	J	16.0	12.4		ug/L		45	37 - 120
Anthracene	ND		16.0	14.1		ug/L		88	58 - 148
Atrazine	ND		32.0	32.3		ug/L		101	56 - 179
Benzaldehyde	ND		32.0	12.1		ug/L		38	30 - 140
Benzo(a)anthracene	ND		16.0	12.7		ug/L		80	55 - 151
Benzo(a)pyrene	ND		16.0	10.5		ug/L		66	60 - 145
Benzo(b)fluoranthene	ND		16.0	10.2		ug/L		64	54 - 140
Benzo(g,h,i)perylene	ND	F1	16.0	9.54	F1	ug/L		60	66 - 152
Benzo(k)fluoranthene	ND		16.0	10.6		ug/L		66	51 - 153
Biphenyl	ND		16.0	14.1		ug/L		88	30 - 140
bis (2-chloroisopropyl) ether	ND		16.0	9.18		ug/L		57	28 - 136
Bis(2-chloroethoxy)methane	ND		16.0	13.4		ug/L		84	50 - 128
Bis(2-chloroethyl)ether	ND		16.0	12.6		ug/L		79	51 - 120
Bis(2-ethylhexyl) phthalate	ND		16.0	9.25		ug/L		58	53 - 158
Butyl benzyl phthalate	ND		16.0	13.5		ug/L		84	58 - 163
Caprolactam	ND		32.0	13.2		ug/L		41	30 - 140
Carbazole	ND		16.0	16.4		ug/L		102	59 - 148
Chrysene	ND		16.0	12.6		ug/L		79	69 - 140
Dibenz(a,h)anthracene	ND	F1	16.0	9.53		ug/L		60	57 - 158
Dibenzofuran	ND		16.0	14.0		ug/L		88	49 - 137
Diethyl phthalate	ND		16.0	14.6		ug/L		91	59 - 146
Dimethyl phthalate	ND		16.0	15.1		ug/L		94	59 - 141
Di-n-butyl phthalate	ND		16.0	14.3		ug/L		90	58 - 149
Di-n-octyl phthalate	ND		16.0	9.46		ug/L		59	55 - 167
Fluoranthene	ND		16.0	14.6		ug/L		91	55 - 147
Fluorene	ND		16.0	14.6		ug/L		91	55 - 143
Hexachlorobenzene	ND		16.0	15.4		ug/L		96	38 - 131
Hexachlorobutadiene	ND		16.0	13.4		ug/L		84	14 - 130
Hexachlorocyclopentadiene	ND		16.0	10.7		ug/L		67	13 - 130
Hexachloroethane	ND		16.0	11.6		ug/L		73	14 - 130
Indeno(1,2,3-cd)pyrene	ND	F1	16.0	9.77	F1	ug/L		61	69 - 146
Isophorone	ND		16.0	13.5		ug/L		84	48 - 133
Naphthalene	ND		16.0	13.4		ug/L		84	35 - 130
Nitrobenzene	ND		16.0	13.2		ug/L		83	45 - 123
N-Nitrosodi-n-propylamine	ND		16.0	12.7		ug/L		79	56 - 120
N-Nitrosodiphenylamine	ND		16.0	14.7		ug/L		92	25 - 125
Pentachlorophenol	ND		32.0	19.7		ug/L		62	39 - 136
Phenanthrene	ND		16.0	15.3		ug/L		95	57 - 147
Phenol	ND		16.0	9.16		ug/L		57	17 - 120
Pyrene	ND		16.0	14.2		ug/L		89	58 - 136

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: 480-105476-1 MS

Matrix: Ground Water

Analysis Batch: 319458

Client Sample ID: BCC Area B RFI-18 MS_0916

Prep Type: Total/NA

Prep Batch: 319294

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	98		52 - 132
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol	69		20 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	53		16 - 120
p-Terphenyl-d14	72		67 - 150

Lab Sample ID: 480-105476-1 MSD

Matrix: Ground Water

Analysis Batch: 319458

Client Sample ID: BCC Area B RFI-18 MSD_0916

Prep Type: Total/NA

Prep Batch: 319294

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
2,4,5-Trichlorophenol	ND		16.0	14.0		ug/L		87	65 - 126	8	18	
2,4,6-Trichlorophenol	ND		16.0	13.6		ug/L		85	64 - 120	4	19	
2,4-Dichlorophenol	0.64	J	16.0	14.3		ug/L		85	64 - 120	8	19	
2,4-Dimethylphenol	ND		16.0	13.4		ug/L		84	57 - 120	7	42	
2,4-Dinitrophenol	ND		32.0	25.2		ug/L		79	42 - 153	8	22	
2,4-Dinitrotoluene	ND		16.0	14.5		ug/L		91	62 - 148	4	20	
2,6-Dinitrotoluene	ND		16.0	14.2		ug/L		89	65 - 154	7	15	
2-Chloronaphthalene	ND		16.0	12.7		ug/L		79	41 - 124	8	21	
2-Chlorophenol	ND		16.0	12.6		ug/L		79	48 - 120	8	25	
2-Methylnaphthalene	ND		16.0	12.6		ug/L		79	34 - 122	8	21	
2-Methylphenol	ND		16.0	12.0		ug/L		75	39 - 120	4	27	
2-Nitroaniline	ND		16.0	12.3		ug/L		77	67 - 136	10	15	
2-Nitrophenol	ND		16.0	13.3		ug/L		83	59 - 120	6	18	
3,3'-Dichlorobenzidine	ND		32.0	16.8		ug/L		52	33 - 140	3	25	
3-Nitroaniline	ND	F1	16.0	10.7	F1	ug/L		67	69 - 129	3	19	
4,6-Dinitro-2-methylphenol	ND		32.0	27.3		ug/L		85	64 - 159	4	15	
4-Bromophenyl phenyl ether	ND		16.0	14.3		ug/L		89	71 - 126	6	15	
4-Chloro-3-methylphenol	ND		16.0	13.8		ug/L		86	64 - 120	6	27	
4-Chloroaniline	ND		16.0	9.64		ug/L		60	60 - 124	0	22	
4-Chlorophenyl phenyl ether	ND		16.0	14.2		ug/L		88	48 - 145	5	16	
4-Methylphenol	ND		16.0	11.8		ug/L		74	36 - 120	9	24	
4-Nitroaniline	ND		16.0	12.5		ug/L		78	64 - 135	9	24	
4-Nitrophenol	ND		32.0	24.8		ug/L		77	16 - 120	7	48	
Acenaphthene	ND		16.0	13.0		ug/L		81	60 - 120	9	24	
Acenaphthylene	ND		16.0	12.8		ug/L		80	63 - 120	8	18	
Acetophenone	ND		16.0	12.5		ug/L		78	45 - 120	6	20	
Aniline	5.3	J	16.0	11.7		ug/L		40	37 - 120	6	30	
Anthracene	ND		16.0	13.6		ug/L		85	58 - 148	4	15	
Atrazine	ND		32.0	32.0		ug/L		100	56 - 179	1	20	
Benzaldehyde	ND		32.0	10.8		ug/L		34	30 - 140	11	20	
Benzo(a)anthracene	ND		16.0	11.7		ug/L		73	55 - 151	9	15	
Benzo(a)pyrene	ND		16.0	10.1		ug/L		63	60 - 145	4	15	
Benzo(b)fluoranthene	ND		16.0	10.2		ug/L		64	54 - 140	0	15	
Benzo(g,h,i)perylene	ND	F1	16.0	9.14	F1	ug/L		57	66 - 152	4	15	
Benzo(k)fluoranthene	ND		16.0	9.89		ug/L		62	51 - 153	6	22	
Biphenyl	ND		16.0	13.1		ug/L		82	30 - 140	7	20	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: 480-105476-1 MSD

Matrix: Ground Water

Analysis Batch: 319458

Client Sample ID: BCC Area B RFI-18 MSD_0916

Prep Type: Total/NA

Prep Batch: 319294

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
bis (2-chloroisopropyl) ether	ND		16.0	8.31		ug/L		52	28 - 136	10	24
Bis(2-chloroethoxy)methane	ND		16.0	12.3		ug/L		77	50 - 128	8	17
Bis(2-chloroethyl)ether	ND		16.0	12.0		ug/L		75	51 - 120	5	21
Bis(2-ethylhexyl) phthalate	ND		16.0	8.55		ug/L		53	53 - 158	8	15
Butyl benzyl phthalate	ND		16.0	12.7		ug/L		80	58 - 163	6	16
Caprolactam	ND		32.0	13.4		ug/L		42	30 - 140	2	20
Carbazole	ND		16.0	15.3		ug/L		96	59 - 148	7	20
Chrysene	ND		16.0	11.8		ug/L		74	69 - 140	6	15
Dibenz(a,h)anthracene	ND	F1	16.0	9.01	F1	ug/L		56	57 - 158	6	15
Dibenzofuran	ND		16.0	13.3		ug/L		83	49 - 137	5	15
Diethyl phthalate	ND		16.0	14.5		ug/L		91	59 - 146	0	15
Dimethyl phthalate	ND		16.0	13.9		ug/L		87	59 - 141	8	15
Di-n-butyl phthalate	ND		16.0	14.0		ug/L		87	58 - 149	2	15
Di-n-octyl phthalate	ND		16.0	8.82		ug/L		55	55 - 167	7	16
Fluoranthene	ND		16.0	14.0		ug/L		88	55 - 147	4	15
Fluorene	ND		16.0	13.7		ug/L		86	55 - 143	7	15
Hexachlorobenzene	ND		16.0	14.5		ug/L		91	38 - 131	6	15
Hexachlorobutadiene	ND		16.0	12.5		ug/L		78	14 - 130	7	44
Hexachlorocyclopentadiene	ND		16.0	9.40		ug/L		59	13 - 130	13	49
Hexachloroethane	ND		16.0	11.0		ug/L		69	14 - 130	6	46
Indeno(1,2,3-cd)pyrene	ND	F1	16.0	9.36	F1	ug/L		59	69 - 146	4	15
Isophorone	ND		16.0	12.4		ug/L		77	48 - 133	9	17
Naphthalene	ND		16.0	12.4		ug/L		77	35 - 130	8	29
Nitrobenzene	ND		16.0	12.1		ug/L		76	45 - 123	9	24
N-Nitrosodi-n-propylamine	ND		16.0	11.6		ug/L		72	56 - 120	9	31
N-Nitrosodiphenylamine	ND		16.0	13.7		ug/L		86	25 - 125	7	15
Pentachlorophenol	ND		32.0	19.1		ug/L		60	39 - 136	3	37
Phenanthrene	ND		16.0	14.2		ug/L		89	57 - 147	7	15
Phenol	ND		16.0	8.86		ug/L		55	17 - 120	3	34
Pyrene	ND		16.0	13.3		ug/L		83	58 - 136	7	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	92		52 - 132
2-Fluorobiphenyl	78		48 - 120
2-Fluorophenol	65		20 - 120
Nitrobenzene-d5	74		46 - 120
Phenol-d5	51		16 - 120
p-Terphenyl-d14	68		67 - 150

Lab Sample ID: MB 480-319345/1-A

Matrix: Water

Analysis Batch: 319609

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 319345

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/08/16 07:22	09/09/16 13:40	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: MB 480-319345/1-A

Matrix: Water

Analysis Batch: 319609

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 319345

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 13:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Nitroaniline	ND		10	0.42	ug/L		09/08/16 07:22	09/09/16 13:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/08/16 07:22	09/09/16 13:40	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
3-Nitroaniline	ND		10	0.48	ug/L		09/08/16 07:22	09/09/16 13:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Methylphenol	ND		10	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Nitroaniline	ND		10	0.25	ug/L		09/08/16 07:22	09/09/16 13:40	1
4-Nitrophenol	ND		10	1.5	ug/L		09/08/16 07:22	09/09/16 13:40	1
Acenaphthene	ND		5.0	0.41	ug/L		09/08/16 07:22	09/09/16 13:40	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/08/16 07:22	09/09/16 13:40	1
Acetophenone	ND		5.0	0.54	ug/L		09/08/16 07:22	09/09/16 13:40	1
Aniline	ND		10	0.61	ug/L		09/08/16 07:22	09/09/16 13:40	1
Anthracene	ND		5.0	0.28	ug/L		09/08/16 07:22	09/09/16 13:40	1
Atrazine	ND		5.0	0.46	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 13:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/08/16 07:22	09/09/16 13:40	1
Biphenyl	ND		5.0	0.65	ug/L		09/08/16 07:22	09/09/16 13:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/08/16 07:22	09/09/16 13:40	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/08/16 07:22	09/09/16 13:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/08/16 07:22	09/09/16 13:40	1
Caprolactam	ND		5.0	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
Carbazole	ND		5.0	0.30	ug/L		09/08/16 07:22	09/09/16 13:40	1
Chrysene	ND		5.0	0.33	ug/L		09/08/16 07:22	09/09/16 13:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/08/16 07:22	09/09/16 13:40	1
Dibenzofuran	ND		10	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/08/16 07:22	09/09/16 13:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/08/16 07:22	09/09/16 13:40	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 13:40	1
Fluoranthene	ND		5.0	0.40	ug/L		09/08/16 07:22	09/09/16 13:40	1
Fluorene	ND		5.0	0.36	ug/L		09/08/16 07:22	09/09/16 13:40	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: MB 480-319345/1-A

Matrix: Water

Analysis Batch: 319609

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 319345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/08/16 07:22	09/09/16 13:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/08/16 07:22	09/09/16 13:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/08/16 07:22	09/09/16 13:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/08/16 07:22	09/09/16 13:40	1
Isophorone	ND		5.0	0.43	ug/L		09/08/16 07:22	09/09/16 13:40	1
Naphthalene	ND		5.0	0.76	ug/L		09/08/16 07:22	09/09/16 13:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/08/16 07:22	09/09/16 13:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/08/16 07:22	09/09/16 13:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/08/16 07:22	09/09/16 13:40	1
Pentachlorophenol	ND		10	2.2	ug/L		09/08/16 07:22	09/09/16 13:40	1
Phenanthrene	ND		5.0	0.44	ug/L		09/08/16 07:22	09/09/16 13:40	1
Phenol	ND		5.0	0.39	ug/L		09/08/16 07:22	09/09/16 13:40	1
Pyrene	ND		5.0	0.34	ug/L		09/08/16 07:22	09/09/16 13:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 132	09/08/16 07:22	09/09/16 13:40	1
2-Fluorobiphenyl	91		48 - 120	09/08/16 07:22	09/09/16 13:40	1
2-Fluorophenol	70		20 - 120	09/08/16 07:22	09/09/16 13:40	1
Nitrobenzene-d5	95		46 - 120	09/08/16 07:22	09/09/16 13:40	1
Phenol-d5	52		16 - 120	09/08/16 07:22	09/09/16 13:40	1
p-Terphenyl-d14	112		67 - 150	09/08/16 07:22	09/09/16 13:40	1

Lab Sample ID: LCS 480-319345/2-A

Matrix: Water

Analysis Batch: 319609

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 319345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	17.3		ug/L		108	65 - 126
2,4,6-Trichlorophenol	16.0	16.2		ug/L		101	64 - 120
2,4-Dichlorophenol	16.0	13.6		ug/L		85	64 - 120
2,4-Dimethylphenol	16.0	13.2		ug/L		82	57 - 120
2,4-Dinitrophenol	32.0	29.1		ug/L		91	42 - 153
2,4-Dinitrotoluene	16.0	14.8		ug/L		93	65 - 154
2,6-Dinitrotoluene	16.0	15.2		ug/L		95	74 - 134
2-Chloronaphthalene	16.0	13.6		ug/L		85	41 - 124
2-Chlorophenol	16.0	12.3		ug/L		77	48 - 120
2-Methylnaphthalene	16.0	13.4		ug/L		84	34 - 122
2-Methylphenol	16.0	11.7		ug/L		73	39 - 120
2-Nitroaniline	16.0	15.4		ug/L		96	67 - 136
2-Nitrophenol	16.0	13.9		ug/L		87	59 - 120
3,3'-Dichlorobenzidine	32.0	41.3		ug/L		129	33 - 140
3-Nitroaniline	16.0	14.1		ug/L		88	28 - 130
4,6-Dinitro-2-methylphenol	32.0	36.3		ug/L		113	64 - 159
4-Bromophenyl phenyl ether	16.0	15.4		ug/L		96	71 - 126
4-Chloro-3-methylphenol	16.0	14.4		ug/L		90	64 - 120
4-Chloroaniline	16.0	11.0		ug/L		69	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.1		ug/L		95	71 - 122

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: LCS 480-319345/2-A

Matrix: Water

Analysis Batch: 319609

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 319345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methylphenol	16.0	11.5		ug/L		72	39 - 120
4-Nitroaniline	16.0	15.5		ug/L		97	47 - 130
4-Nitrophenol	32.0	40.1	*	ug/L		125	16 - 120
Acenaphthene	16.0	14.0		ug/L		88	60 - 120
Acenaphthylene	16.0	13.8		ug/L		86	63 - 120
Acetophenone	16.0	12.8		ug/L		80	45 - 120
Aniline	16.0	7.46	J	ug/L		47	37 - 120
Anthracene	16.0	14.7		ug/L		92	58 - 148
Atrazine	32.0	37.4		ug/L		117	56 - 179
Benzaldehyde	32.0	13.2		ug/L		41	30 - 140
Benzo(a)anthracene	16.0	15.6		ug/L		98	55 - 151
Benzo(a)pyrene	16.0	15.2		ug/L		95	60 - 145
Benzo(b)fluoranthene	16.0	16.8		ug/L		105	54 - 140
Benzo(g,h,i)perylene	16.0	17.2		ug/L		107	66 - 152
Benzo(k)fluoranthene	16.0	15.9		ug/L		100	51 - 153
Biphenyl	16.0	13.8		ug/L		86	30 - 140
bis (2-chloroisopropyl) ether	16.0	11.6		ug/L		72	28 - 136
Bis(2-chloroethoxy)methane	16.0	12.9		ug/L		81	50 - 128
Bis(2-chloroethyl)ether	16.0	11.9		ug/L		74	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	18.3		ug/L		115	53 - 158
Butyl benzyl phthalate	16.0	16.0		ug/L		100	58 - 163
Caprolactam	32.0	11.3		ug/L		35	14 - 130
Carbazole	16.0	16.1		ug/L		101	59 - 148
Chrysene	16.0	15.9		ug/L		99	69 - 140
Dibenz(a,h)anthracene	16.0	16.1		ug/L		101	57 - 148
Dibenzofuran	16.0	14.6		ug/L		92	49 - 137
Diethyl phthalate	16.0	15.7		ug/L		98	59 - 146
Dimethyl phthalate	16.0	16.4		ug/L		103	59 - 141
Di-n-butyl phthalate	16.0	16.4		ug/L		102	58 - 149
Di-n-octyl phthalate	16.0	16.2		ug/L		101	55 - 167
Fluoranthene	16.0	16.3		ug/L		102	55 - 147
Fluorene	16.0	14.8		ug/L		93	55 - 143
Hexachlorobenzene	16.0	15.2		ug/L		95	14 - 130
Hexachlorobutadiene	16.0	12.0		ug/L		75	14 - 130
Hexachlorocyclopentadiene	16.0	9.92		ug/L		62	13 - 130
Hexachloroethane	16.0	11.3		ug/L		71	14 - 130
Indeno(1,2,3-cd)pyrene	16.0	16.1		ug/L		101	69 - 146
Isophorone	16.0	13.6		ug/L		85	48 - 133
Naphthalene	16.0	12.2		ug/L		76	35 - 130
Nitrobenzene	16.0	13.7		ug/L		86	45 - 123
N-Nitrosodi-n-propylamine	16.0	12.6		ug/L		79	56 - 120
N-Nitrosodiphenylamine	16.0	14.5		ug/L		91	25 - 125
Pentachlorophenol	32.0	26.5		ug/L		83	39 - 136
Phenanthrene	16.0	15.1		ug/L		94	57 - 147
Phenol	16.0	9.14		ug/L		57	17 - 120
Pyrene	16.0	14.9		ug/L		93	58 - 136

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: LCS 480-319345/2-A
Matrix: Water
Analysis Batch: 319609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 319345

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	112		52 - 132
2-Fluorobiphenyl	88		48 - 120
2-Fluorophenol	70		20 - 120
Nitrobenzene-d5	87		46 - 120
Phenol-d5	54		16 - 120
p-Terphenyl-d14	99		67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-319153/1-A
Matrix: Water
Analysis Batch: 319566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 319153

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		09/07/16 09:03	09/08/16 17:55	1
Antimony	ND		0.020	0.0068	mg/L		09/07/16 09:03	09/08/16 17:55	1
Arsenic	ND		0.015	0.0056	mg/L		09/07/16 09:03	09/08/16 17:55	1
Barium	ND		0.0020	0.00070	mg/L		09/07/16 09:03	09/08/16 17:55	1
Beryllium	ND		0.0020	0.00030	mg/L		09/07/16 09:03	09/08/16 17:55	1
Cadmium	ND		0.0020	0.00050	mg/L		09/07/16 09:03	09/08/16 17:55	1
Calcium	0.361	J	0.50	0.10	mg/L		09/07/16 09:03	09/08/16 17:55	1
Chromium	ND		0.0040	0.0010	mg/L		09/07/16 09:03	09/08/16 17:55	1
Cobalt	ND		0.0040	0.00063	mg/L		09/07/16 09:03	09/08/16 17:55	1
Copper	ND		0.010	0.0016	mg/L		09/07/16 09:03	09/08/16 17:55	1
Iron	0.0256	J	0.050	0.019	mg/L		09/07/16 09:03	09/08/16 17:55	1
Lead	ND		0.010	0.0030	mg/L		09/07/16 09:03	09/08/16 17:55	1
Magnesium	0.0872	J	0.20	0.043	mg/L		09/07/16 09:03	09/08/16 17:55	1
Manganese	0.00137	J	0.0030	0.00040	mg/L		09/07/16 09:03	09/08/16 17:55	1
Nickel	ND		0.010	0.0013	mg/L		09/07/16 09:03	09/08/16 17:55	1
Potassium	ND		0.50	0.10	mg/L		09/07/16 09:03	09/08/16 17:55	1
Selenium	ND		0.025	0.0087	mg/L		09/07/16 09:03	09/08/16 17:55	1
Silver	ND		0.0060	0.0017	mg/L		09/07/16 09:03	09/08/16 17:55	1
Sodium	ND		1.0	0.32	mg/L		09/07/16 09:03	09/08/16 17:55	1
Thallium	ND		0.020	0.010	mg/L		09/07/16 09:03	09/08/16 17:55	1
Vanadium	ND		0.0050	0.0015	mg/L		09/07/16 09:03	09/08/16 17:55	1
Zinc	0.00313	J	0.010	0.0015	mg/L		09/07/16 09:03	09/08/16 17:55	1

Lab Sample ID: LCS 480-319153/2-A
Matrix: Water
Analysis Batch: 319566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 319153

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Aluminum	10.0	9.91		mg/L		99	80 - 120
Antimony	0.200	0.200		mg/L		100	80 - 120
Arsenic	0.200	0.209		mg/L		104	80 - 120
Barium	0.200	0.208		mg/L		104	80 - 120
Beryllium	0.200	0.210		mg/L		105	80 - 120
Cadmium	0.200	0.201		mg/L		100	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: LCS 480-319153/2-A

Matrix: Water

Analysis Batch: 319566

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 319153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10.0	10.02		mg/L		100	80 - 120
Chromium	0.200	0.206		mg/L		103	80 - 120
Cobalt	0.200	0.191		mg/L		96	80 - 120
Copper	0.200	0.206		mg/L		103	80 - 120
Iron	10.0	10.57		mg/L		106	80 - 120
Lead	0.200	0.205		mg/L		103	80 - 120
Magnesium	10.0	10.57		mg/L		106	80 - 120
Manganese	0.200	0.209		mg/L		104	80 - 120
Nickel	0.200	0.202		mg/L		101	80 - 120
Potassium	10.0	10.14		mg/L		101	80 - 120
Selenium	0.200	0.202		mg/L		101	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Sodium	10.0	9.95		mg/L		99	80 - 120
Thallium	0.200	0.200		mg/L		100	80 - 120
Vanadium	0.200	0.203		mg/L		101	80 - 120
Zinc	0.200	0.209		mg/L		104	80 - 120

Lab Sample ID: 480-105476-1 MS

Matrix: Ground Water

Analysis Batch: 319566

Client Sample ID: BCC Area B RFI-18 MS_0916

Prep Type: Total/NA

Prep Batch: 319153

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.26		10.0	10.81		mg/L		106	75 - 125
Antimony	ND		0.200	0.215		mg/L		108	75 - 125
Arsenic	0.011	J	0.200	0.236		mg/L		112	75 - 125
Barium	0.091		0.200	0.287		mg/L		98	75 - 125
Beryllium	ND		0.200	0.210		mg/L		105	75 - 125
Cadmium	ND		0.200	0.217		mg/L		108	75 - 125
Calcium	652		10.0	667.9	4	mg/L		154	75 - 125
Chromium	0.0078		0.200	0.205		mg/L		99	75 - 125
Cobalt	0.0037	J	0.200	0.206		mg/L		101	75 - 125
Copper	0.0067	J	0.200	0.228		mg/L		111	75 - 125
Iron	19.6		10.0	29.19		mg/L		96	75 - 125
Lead	0.0047	J	0.200	0.226		mg/L		110	75 - 125
Magnesium	210		10.0	224.4	4	mg/L		145	75 - 125
Manganese	3.2		0.200	3.48	4	mg/L		161	75 - 125
Nickel	0.0066	J	0.200	0.217		mg/L		105	75 - 125
Potassium	2.2		10.0	13.15		mg/L		110	75 - 125
Selenium	ND		0.200	0.220		mg/L		110	75 - 125
Silver	ND		0.0500	0.0541		mg/L		108	75 - 125
Sodium	791		10.0	798.8	4	mg/L		80	75 - 125
Thallium	ND		0.200	0.196		mg/L		98	75 - 125
Vanadium	ND		0.200	0.204		mg/L		102	75 - 125
Zinc	0.011		0.200	0.204		mg/L		97	75 - 125

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: 480-105476-1 MSD

Matrix: Ground Water

Analysis Batch: 319566

Client Sample ID: BCC Area B RFI-18 MSD_0916

Prep Type: Total/NA

Prep Batch: 319153

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	
Aluminum	0.26		10.0	11.07		mg/L		108	75 - 125	2	20
Antimony	ND		0.200	0.216		mg/L		108	75 - 125	0	20
Arsenic	0.011	J	0.200	0.233		mg/L		111	75 - 125	1	20
Barium	0.091		0.200	0.289		mg/L		99	75 - 125	1	20
Beryllium	ND		0.200	0.207		mg/L		103	75 - 125	2	20
Cadmium	ND		0.200	0.216		mg/L		108	75 - 125	0	20
Calcium	652		10.0	785.5	4	mg/L		1330	75 - 125	16	20
Chromium	0.0078		0.200	0.205		mg/L		98	75 - 125	0	20
Cobalt	0.0037	J	0.200	0.205		mg/L		100	75 - 125	1	20
Copper	0.0067	J	0.200	0.230		mg/L		112	75 - 125	1	20
Iron	19.6		10.0	32.15		mg/L		125	75 - 125	10	20
Lead	0.0047	J	0.200	0.226		mg/L		111	75 - 125	0	20
Magnesium	210		10.0	271.0	4	mg/L		611	75 - 125	19	20
Manganese	3.2		0.200	4.14	4	mg/L		493	75 - 125	17	20
Nickel	0.0066	J	0.200	0.218		mg/L		106	75 - 125	0	20
Potassium	2.2		10.0	13.49		mg/L		113	75 - 125	3	20
Selenium	ND		0.200	0.211		mg/L		105	75 - 125	4	20
Silver	ND		0.0500	0.0542		mg/L		108	75 - 125	0	20
Sodium	791		10.0	940.9	4	mg/L		1499	75 - 125	16	20
Thallium	ND		0.200	0.191		mg/L		96	75 - 125	3	20
Vanadium	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Zinc	0.011		0.200	0.206		mg/L		98	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-319169/1-A

Matrix: Water

Analysis Batch: 319255

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 319169

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		09/07/16 08:50	09/07/16 12:05	1

Lab Sample ID: LCS 480-319169/2-A

Matrix: Water

Analysis Batch: 319255

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 319169

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Mercury	0.00667	0.00707		mg/L		106	80 - 120	

Lab Sample ID: 480-105476-1 MS

Matrix: Ground Water

Analysis Batch: 319255

Client Sample ID: BCC Area B RFI-18 MS_0916

Prep Type: Total/NA

Prep Batch: 319169

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Mercury	ND		0.00667	0.00693		mg/L		104	80 - 120	

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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

Lab Sample ID: 480-105476-1 MSD

Matrix: Ground Water

Analysis Batch: 319255

Client Sample ID: BCC Area B RFI-18 MSD_0916

Prep Type: Total/NA

Prep Batch: 319169

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00700		mg/L		105	80 - 120	1	20

Lab Sample ID: MB 480-319343/1-A

Matrix: Water

Analysis Batch: 319474

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 319343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/08/16 07:50	09/08/16 11:33	1

Lab Sample ID: LCS 480-319343/2-A

Matrix: Water

Analysis Batch: 319474

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 319343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00710		mg/L		106	80 - 120

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

GC/MS VOA

Analysis Batch: 319178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-1	BCC Area B RFI-18_0916	Total/NA	Ground Water	8260C	
480-105476-2	BCC Area B RFI-27_0916	Total/NA	Ground Water	8260C	
480-105476-3	BCC Area B RFI-28_0916	Total/NA	Ground Water	8260C	
480-105476-4	BCC Area B RFI-30_0916	Total/NA	Ground Water	8260C	
480-105476-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-319178/7	Method Blank	Total/NA	Water	8260C	
LCS 480-319178/5	Lab Control Sample	Total/NA	Water	8260C	
480-105476-1 MS	BCC Area B RFI-18 MS_0916	Total/NA	Ground Water	8260C	
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	Total/NA	Ground Water	8260C	

Analysis Batch: 319290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-2 - DL	BCC Area B RFI-27_0916	Total/NA	Ground Water	8260C	
480-105476-5	BCC Area B RFI-18 D_0916	Total/NA	Ground Water	8260C	
MB 480-319290/6	Method Blank	Total/NA	Water	8260C	
LCS 480-319290/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 319294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-1	BCC Area B RFI-18_0916	Total/NA	Ground Water	3510C	
480-105476-3	BCC Area B RFI-28_0916	Total/NA	Ground Water	3510C	
480-105476-4	BCC Area B RFI-30_0916	Total/NA	Ground Water	3510C	
480-105476-5	BCC Area B RFI-18 D_0916	Total/NA	Ground Water	3510C	
MB 480-319294/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-319294/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-105476-1 MS	BCC Area B RFI-18 MS_0916	Total/NA	Ground Water	3510C	
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	Total/NA	Ground Water	3510C	

Prep Batch: 319345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-2	BCC Area B RFI-27_0916	Total/NA	Ground Water	3510C	
MB 480-319345/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-319345/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 319458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-1	BCC Area B RFI-18_0916	Total/NA	Ground Water	8270D	319294
480-105476-3	BCC Area B RFI-28_0916	Total/NA	Ground Water	8270D	319294
480-105476-4	BCC Area B RFI-30_0916	Total/NA	Ground Water	8270D	319294
MB 480-319294/1-A	Method Blank	Total/NA	Water	8270D	319294
LCS 480-319294/2-A	Lab Control Sample	Total/NA	Water	8270D	319294
480-105476-1 MS	BCC Area B RFI-18 MS_0916	Total/NA	Ground Water	8270D	319294
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	Total/NA	Ground Water	8270D	319294

Analysis Batch: 319605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-5	BCC Area B RFI-18 D_0916	Total/NA	Ground Water	8270D	319294

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

GC/MS Semi VOA (Continued)

Analysis Batch: 319609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-2	BCC Area B RFI-27_0916	Total/NA	Ground Water	8270D	319345
MB 480-319345/1-A	Method Blank	Total/NA	Water	8270D	319345
LCS 480-319345/2-A	Lab Control Sample	Total/NA	Water	8270D	319345

Metals

Prep Batch: 319153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-1	BCC Area B RFI-18_0916	Total/NA	Ground Water	3005A	
480-105476-2	BCC Area B RFI-27_0916	Total/NA	Ground Water	3005A	
480-105476-3	BCC Area B RFI-28_0916	Total/NA	Ground Water	3005A	
480-105476-4	BCC Area B RFI-30_0916	Total/NA	Ground Water	3005A	
480-105476-5	BCC Area B RFI-18 D_0916	Total/NA	Ground Water	3005A	
MB 480-319153/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-319153/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-105476-1 MS	BCC Area B RFI-18 MS_0916	Total/NA	Ground Water	3005A	
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	Total/NA	Ground Water	3005A	

Prep Batch: 319169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-1	BCC Area B RFI-18_0916	Total/NA	Ground Water	7470A	
480-105476-2	BCC Area B RFI-27_0916	Total/NA	Ground Water	7470A	
MB 480-319169/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-319169/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-105476-1 MS	BCC Area B RFI-18 MS_0916	Total/NA	Ground Water	7470A	
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	Total/NA	Ground Water	7470A	

Analysis Batch: 319255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-1	BCC Area B RFI-18_0916	Total/NA	Ground Water	7470A	319169
480-105476-2	BCC Area B RFI-27_0916	Total/NA	Ground Water	7470A	319169
MB 480-319169/1-A	Method Blank	Total/NA	Water	7470A	319169
LCS 480-319169/2-A	Lab Control Sample	Total/NA	Water	7470A	319169
480-105476-1 MS	BCC Area B RFI-18 MS_0916	Total/NA	Ground Water	7470A	319169
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	Total/NA	Ground Water	7470A	319169

Prep Batch: 319343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-3	BCC Area B RFI-28_0916	Total/NA	Ground Water	7470A	
480-105476-4	BCC Area B RFI-30_0916	Total/NA	Ground Water	7470A	
480-105476-5	BCC Area B RFI-18 D_0916	Total/NA	Ground Water	7470A	
MB 480-319343/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-319343/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 319474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-3	BCC Area B RFI-28_0916	Total/NA	Ground Water	7470A	319343
480-105476-4	BCC Area B RFI-30_0916	Total/NA	Ground Water	7470A	319343
480-105476-5	BCC Area B RFI-18 D_0916	Total/NA	Ground Water	7470A	319343
MB 480-319343/1-A	Method Blank	Total/NA	Water	7470A	319343

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Metals (Continued)

Analysis Batch: 319474 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-319343/2-A	Lab Control Sample	Total/NA	Water	7470A	319343

Analysis Batch: 319566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105476-1	BCC Area B RFI-18_0916	Total/NA	Ground Water	6010C	319153
480-105476-2	BCC Area B RFI-27_0916	Total/NA	Ground Water	6010C	319153
480-105476-3	BCC Area B RFI-28_0916	Total/NA	Ground Water	6010C	319153
480-105476-4	BCC Area B RFI-30_0916	Total/NA	Ground Water	6010C	319153
480-105476-5	BCC Area B RFI-18 D_0916	Total/NA	Ground Water	6010C	319153
MB 480-319153/1-A	Method Blank	Total/NA	Water	6010C	319153
LCS 480-319153/2-A	Lab Control Sample	Total/NA	Water	6010C	319153
480-105476-1 MS	BCC Area B RFI-18 MS_0916	Total/NA	Ground Water	6010C	319153
480-105476-1 MSD	BCC Area B RFI-18 MSD_0916	Total/NA	Ground Water	6010C	319153

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-18_0916

Lab Sample ID: 480-105476-1

Date Collected: 09/06/16 13:55

Matrix: Ground Water

Date Received: 09/06/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319178	09/07/16 15:32	GVF	TAL BUF
Total/NA	Prep	3510C			319294	09/07/16 19:13	ARS	TAL BUF
Total/NA	Analysis	8270D		1	319458	09/08/16 17:56	DMR	TAL BUF
Total/NA	Prep	3005A			319153	09/07/16 09:03	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319566	09/08/16 18:02	TRB	TAL BUF
Total/NA	Prep	7470A			319169	09/07/16 08:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319255	09/07/16 12:30	JRK	TAL BUF

Client Sample ID: BCC Area B RFI-27_0916

Lab Sample ID: 480-105476-2

Date Collected: 09/06/16 11:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	319178	09/07/16 15:59	GVF	TAL BUF
Total/NA	Analysis	8260C	DL	20	319290	09/08/16 00:13	NEA	TAL BUF
Total/NA	Prep	3510C			319345	09/08/16 07:22	CPH	TAL BUF
Total/NA	Analysis	8270D		1	319609	09/09/16 17:30	PJQ	TAL BUF
Total/NA	Prep	3005A			319153	09/07/16 09:03	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319566	09/08/16 18:31	TRB	TAL BUF
Total/NA	Prep	7470A			319169	09/07/16 08:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319255	09/07/16 12:35	JRK	TAL BUF

Client Sample ID: BCC Area B RFI-28_0916

Lab Sample ID: 480-105476-3

Date Collected: 09/06/16 12:30

Matrix: Ground Water

Date Received: 09/06/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319178	09/07/16 16:26	GVF	TAL BUF
Total/NA	Prep	3510C			319294	09/07/16 19:13	ARS	TAL BUF
Total/NA	Analysis	8270D		1	319458	09/08/16 18:25	DMR	TAL BUF
Total/NA	Prep	3005A			319153	09/07/16 09:03	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319566	09/08/16 18:34	TRB	TAL BUF
Total/NA	Prep	7470A			319343	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:02	JRK	TAL BUF

Client Sample ID: BCC Area B RFI-30_0916

Lab Sample ID: 480-105476-4

Date Collected: 09/06/16 13:15

Matrix: Ground Water

Date Received: 09/06/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319178	09/07/16 16:52	GVF	TAL BUF
Total/NA	Prep	3510C			319294	09/07/16 19:13	ARS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Client Sample ID: BCC Area B RFI-30_0916

Lab Sample ID: 480-105476-4

Date Collected: 09/06/16 13:15

Matrix: Ground Water

Date Received: 09/06/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		1	319458	09/08/16 18:54	DMR	TAL BUF
Total/NA	Prep	3005A			319153	09/07/16 09:03	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319566	09/08/16 18:38	TRB	TAL BUF
Total/NA	Prep	7470A			319343	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:04	JRK	TAL BUF

Client Sample ID: BCC Area B RFI-18 D_0916

Lab Sample ID: 480-105476-5

Date Collected: 09/06/16 14:10

Matrix: Ground Water

Date Received: 09/06/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319290	09/08/16 00:36	NEA	TAL BUF
Total/NA	Prep	3510C			319294	09/07/16 19:13	ARS	TAL BUF
Total/NA	Analysis	8270D		1	319605	09/09/16 12:19	DMR	TAL BUF
Total/NA	Prep	3005A			319153	09/07/16 09:03	BMB	TAL BUF
Total/NA	Analysis	6010C		1	319566	09/08/16 18:42	TRB	TAL BUF
Total/NA	Prep	7470A			319343	09/08/16 07:50	JRK	TAL BUF
Total/NA	Analysis	7470A		1	319474	09/08/16 12:07	JRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-105476-6

Date Collected: 09/06/16 00:00

Matrix: Water

Date Received: 09/06/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	319178	09/07/16 17:46	GVF	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

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

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Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-105476-1

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 Area B Wells

TestAmerica Job ID: 480-105476-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-105476-1	BCC Area B RFI-18_0916	Ground Water	09/06/16 13:55	09/06/16 16:10
480-105476-2	BCC Area B RFI-27_0916	Ground Water	09/06/16 11:30	09/06/16 16:10
480-105476-3	BCC Area B RFI-28_0916	Ground Water	09/06/16 12:30	09/06/16 16:10
480-105476-4	BCC Area B RFI-30_0916	Ground Water	09/06/16 13:15	09/06/16 16:10
480-105476-5	BCC Area B RFI-18 D_0916	Ground Water	09/06/16 14:10	09/06/16 16:10
480-105476-6	TRIP BLANK	Water	09/06/16 00:00	09/06/16 16:10

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Amburst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica Laboratories, Inc.

COC No: 230031590916
I of 1 COCs

Date: 9-6-16
Carrier: OSC

Site Contact: Tom Wagner
Lab Contact: Schova, John

Project Manager: Schova, John
Tel/Fax: (716) 912-9926

Client Contact
Ontario Specialty Contracting Inc.
333 Ganssen Street
Buffalo, NY, 14203

Job No. 0813-OMMI
SDG Ni
480-105476 COC

Analysis Turnaround Time
Calendar (C) or Work Days (W) W
TAT
 2 weeks
 1 week
 2 days
 1 day

Sample Date
9/6/16 1355
9/6/16 1130
9/6/16 1230
9/6/16 1315
9/6/16 1410
9/6/16 1425
9/6/16 1440

Sample Identification
BCC_Area B_RFI-18_0916
BCC_Area B_RFI-27_0916
BCC_Area B_RFI-28_0916
BCC_Area B_RFI-30_0916
BCC_Area B_RFI-18_D_0916
BCC_Area B_RFI-18_MS_0916
BCC_Area B_RFI-18_MSD_0916
Trip Blank

Sample Date	Sample Time	Sample Type	Matrix	# of Cont.
9/6/16 1355		G	W	6
9/6/16 1130		G	W	6
9/6/16 1230		G	W	6
9/6/16 1315		G	W	6
9/6/16 1410		G	W	6
9/6/16 1425		G	W	6
9/6/16 1440		G	W	6
N/A	N/A	N/A	N/A	2

Sample Date	Sample Time	Sample Type	Matrix	# of Cont.
9/6/16 1355		G	W	6
9/6/16 1130		G	W	6
9/6/16 1230		G	W	6
9/6/16 1315		G	W	6
9/6/16 1410		G	W	6
9/6/16 1425		G	W	6
9/6/16 1440		G	W	6
N/A	N/A	N/A	N/A	2

Sample Date	Sample Time	Sample Type	Matrix	# of Cont.
9/6/16 1355		G	W	6
9/6/16 1130		G	W	6
9/6/16 1230		G	W	6
9/6/16 1315		G	W	6
9/6/16 1410		G	W	6
9/6/16 1425		G	W	6
9/6/16 1440		G	W	6
N/A	N/A	N/A	N/A	2

Sample Date	Sample Time	Sample Type	Matrix	# of Cont.
9/6/16 1355		G	W	6
9/6/16 1130		G	W	6
9/6/16 1230		G	W	6
9/6/16 1315		G	W	6
9/6/16 1410		G	W	6
9/6/16 1425		G	W	6
9/6/16 1440		G	W	6
N/A	N/A	N/A	N/A	2

82608 - TIG (2.1 Hrs) (LIC VOC)
69108, 7470A (TAL Metals)
8270C - (MOD) TIG SYOA - 4.2 Hrs + analysis

Container Volume (ml)
3-V 4-P 1-A
250
1000

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:
 Return To Client Disposal By Lab Archive For Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Received by: [Signature]
Date/Time: 9/6/16 1610

Received by: [Signature]
Date/Time: 9/6/16 1610

Received by: [Signature]
Date/Time: 9/6/16 1610

Container Code: A=Amber B=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial
Relinquished by: [Signature]
Relinquished by: [Signature]

Relinquished by: [Signature]
Relinquished by: [Signature]

Relinquished by: [Signature]
Relinquished by: [Signature]

Relinquished by: [Signature]
Relinquished by: [Signature]

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Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-105476-1

Login Number: 105476

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-108915-1

Client Project/Site: 37745-Buffalo Color Area B Wells

Sampling Event: 37745-Buffalo Color Area B Wells

For:

Ontario Specialty Contracting, Inc.

333 Ganson St.

Buffalo, New York 14203

Attn: Kirsten Colligan



Authorized for release by:

11/16/2016 1:37:41 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II

(716)504-9838

john.schove@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Job ID: 480-108915-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-108915-1

Comments

No additional comments.

Receipt

The samples were received on 11/2/2016 4:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-28_1116 (480-108915-3), BCC Area B RFI-28 MS_1116 (480-108915-3[MS]) and BCC Area B RFI-28 MSD_1116 (480-108915-3[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-331306 recovered above the upper control limit for Cyclohexane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane and Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BCC Area B RFI-18_1116 (480-108915-1), BCC Area B RFI-27_1116 (480-108915-2), BCC Area B RFI-30_1116 (480-108915-4), BCC Area B RFI-28 D_1116 (480-108915-5) and TRIP BLANK (480-108915-6).

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27_1116 (480-108915-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-28 D_1116 (480-108915-5). 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, 8270D LL: The continuing calibration verification (CCV) associated with batch 480-330403 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. BCC Area B RFI-18_1116 (480-108915-1), BCC Area B RFI-27_1116 (480-108915-2), BCC Area B RFI-30_1116 (480-108915-4) and BCC Area B RFI-28 D_1116 (480-108915-5).

Method(s) 8270D, 8270D LL: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-330403 was outside criteria for the following analyte(s): Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated. BCC Area B RFI-18_1116 (480-108915-1), BCC Area B RFI-27_1116 (480-108915-2), BCC Area B RFI-30_1116 (480-108915-4) and BCC Area B RFI-28 D_1116 (480-108915-5).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-331483 recovered above the upper control limit for 4-Nitrophenol and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: BCC Area B RFI-28_1116 (480-108915-3).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-331483 recovered outside acceptance criteria, low biased, for 2,2'-oxybis[1-chloropropane]. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

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

Metals

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

Organic Prep

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Job ID: 480-108915-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

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Detection Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-18_1116

Lab Sample ID: 480-108915-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.24	J	1.0	0.16	ug/L	1		8260C	Total/NA
Naphthalene	0.76	J	4.7	0.71	ug/L	1		8270D	Total/NA
Aluminum	0.57		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0073	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.089		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	886		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0099		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0094		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	23.9		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	284		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.9	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.015		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1090		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 B RFI-27_1116

Lab Sample ID: 480-108915-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	840		20	7.2	ug/L	20		8260C	Total/NA
Trichloroethene	82		20	9.2	ug/L	20		8260C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	216		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.37		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0069		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0050	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	91.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.63	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.19		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	295		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0037	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28_1116

Lab Sample ID: 480-108915-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	4.1		2.0	0.82	ug/L	2		8260C	Total/NA
1,2-Dichlorobenzene	3.4		2.0	1.6	ug/L	2		8260C	Total/NA
4-Chloroaniline	4.6	F2 F1	4.6	0.54	ug/L	1		8270D	Total/NA
Aniline	4.0	J F2	9.2	0.56	ug/L	1		8270D	Total/NA
Naphthalene	0.94	J	4.6	0.70	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	2.5	J	4.6	0.47	ug/L	1		8270D	Total/NA
Arsenic	0.047		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	161		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0050		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.084		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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28_1116 (Continued)

Lab Sample ID: 480-108915-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	14.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0015	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	360		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.015		0.0050	0.0015	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 B RFI-30_1116

Lab Sample ID: 480-108915-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.22		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.037		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00063	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	235		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.067		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0091		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.017		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	83.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.92	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.065		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	336		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.012		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28 D_1116

Lab Sample ID: 480-108915-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	3.7		2.0	0.82	ug/L	2		8260C	Total/NA
1,2-Dichlorobenzene	2.9		2.0	1.6	ug/L	2		8260C	Total/NA
Carbon disulfide	0.50	J	2.0	0.38	ug/L	2		8260C	Total/NA
4-Chloroaniline	3.3	J	4.6	0.55	ug/L	1		8270D	Total/NA
Aniline	3.5	J	9.3	0.57	ug/L	1		8270D	Total/NA
Naphthalene	1.0	J	4.6	0.70	ug/L	1		8270D	Total/NA
Arsenic	0.047		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	160		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0050		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.087		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	14.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16	B	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	7.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	356		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.014		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0027	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108915-6

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 Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-18_1116

Lab Sample ID: 480-108915-1

Date Collected: 11/02/16 15:05

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/16 15:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 15:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/13/16 15:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 15:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/16 15:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/16 15:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/13/16 15:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 15:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 15:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/13/16 15:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 15:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 15:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/13/16 15:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/13/16 15:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/16 15:38	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 15:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 15:38	1
Acetone	ND		10	3.0	ug/L			11/13/16 15:38	1
Benzene	ND		1.0	0.41	ug/L			11/13/16 15:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 15:38	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 15:38	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 15:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 15:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/16 15:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/16 15:38	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 15:38	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 15:38	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 15:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 15:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 15:38	1
Cyclohexane	ND		1.0	0.18	ug/L			11/13/16 15:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 15:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 15:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 15:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 15:38	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 15:38	1
Methyl tert-butyl ether	0.24	J	1.0	0.16	ug/L			11/13/16 15:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/13/16 15:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 15:38	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 15:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/16 15:38	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 15:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/13/16 15:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 15:38	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 15:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 15:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 15:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 15:38	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-18_1116

Lab Sample ID: 480-108915-1

Date Collected: 11/02/16 15:05

Matrix: Ground Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/13/16 15:38	1
4-Bromofluorobenzene (Surr)	94		73 - 120		11/13/16 15:38	1
Toluene-d8 (Surr)	94		80 - 120		11/13/16 15:38	1
Dibromofluoromethane (Surr)	108		75 - 123		11/13/16 15:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 22:18	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/04/16 15:03	11/08/16 22:18	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 22:18	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/04/16 15:03	11/08/16 22:18	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/08/16 22:18	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 22:18	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:18	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 22:18	1
2-Chlorophenol	ND		4.7	0.50	ug/L		11/04/16 15:03	11/08/16 22:18	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/04/16 15:03	11/08/16 22:18	1
2-Methylphenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:18	1
2-Nitroaniline	ND		9.4	0.39	ug/L		11/04/16 15:03	11/08/16 22:18	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 22:18	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:18	1
3-Nitroaniline	ND		9.4	0.45	ug/L		11/04/16 15:03	11/08/16 22:18	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/08/16 22:18	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 22:18	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 22:18	1
4-Chloroaniline	ND		4.7	0.55	ug/L		11/04/16 15:03	11/08/16 22:18	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 22:18	1
4-Methylphenol	ND		9.4	0.34	ug/L		11/04/16 15:03	11/08/16 22:18	1
4-Nitroaniline	ND		9.4	0.23	ug/L		11/04/16 15:03	11/08/16 22:18	1
4-Nitrophenol	ND		9.4	1.4	ug/L		11/04/16 15:03	11/08/16 22:18	1
Acenaphthene	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 22:18	1
Acenaphthylene	ND		4.7	0.36	ug/L		11/04/16 15:03	11/08/16 22:18	1
Acetophenone	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 22:18	1
Aniline	ND		9.4	0.57	ug/L		11/04/16 15:03	11/08/16 22:18	1
Anthracene	ND		4.7	0.26	ug/L		11/04/16 15:03	11/08/16 22:18	1
Atrazine	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 22:18	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/04/16 15:03	11/08/16 22:18	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 22:18	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 22:18	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 22:18	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 22:18	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		11/04/16 15:03	11/08/16 22:18	1
Biphenyl	ND		4.7	0.61	ug/L		11/04/16 15:03	11/08/16 22:18	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/04/16 15:03	11/08/16 22:18	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 22:18	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:18	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 22:18	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		11/04/16 15:03	11/08/16 22:18	1
Caprolactam	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 22:18	1
Carbazole	ND		4.7	0.28	ug/L		11/04/16 15:03	11/08/16 22:18	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-18_1116

Lab Sample ID: 480-108915-1

Date Collected: 11/02/16 15:05

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		11/04/16 15:03	11/08/16 22:18	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		11/04/16 15:03	11/08/16 22:18	1
Dibenzofuran	ND		9.4	0.48	ug/L		11/04/16 15:03	11/08/16 22:18	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/04/16 15:03	11/08/16 22:18	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 22:18	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/04/16 15:03	11/08/16 22:18	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 22:18	1
Fluoranthene	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:18	1
Fluorene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 22:18	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 22:18	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/04/16 15:03	11/08/16 22:18	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/04/16 15:03	11/08/16 22:18	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/04/16 15:03	11/08/16 22:18	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 22:18	1
Isophorone	ND		4.7	0.40	ug/L		11/04/16 15:03	11/08/16 22:18	1
Naphthalene	0.76	J	4.7	0.71	ug/L		11/04/16 15:03	11/08/16 22:18	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/04/16 15:03	11/08/16 22:18	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 22:18	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 22:18	1
Pentachlorophenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/08/16 22:18	1
Phenanthrene	ND		4.7	0.41	ug/L		11/04/16 15:03	11/08/16 22:18	1
Phenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:18	1
Pyrene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		52 - 132	11/04/16 15:03	11/08/16 22:18	1
2-Fluorobiphenyl	65		48 - 120	11/04/16 15:03	11/08/16 22:18	1
2-Fluorophenol	48		20 - 120	11/04/16 15:03	11/08/16 22:18	1
Nitrobenzene-d5	66		46 - 120	11/04/16 15:03	11/08/16 22:18	1
Phenol-d5	46		16 - 120	11/04/16 15:03	11/08/16 22:18	1
p-Terphenyl-d14	77		67 - 150	11/04/16 15:03	11/08/16 22:18	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.57		0.20	0.060	mg/L		11/04/16 07:31	11/07/16 10:22	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 07:31	11/07/16 10:22	1
Arsenic	0.0073	J	0.015	0.0056	mg/L		11/04/16 07:31	11/07/16 10:22	1
Barium	0.089		0.0020	0.00070	mg/L		11/04/16 07:31	11/07/16 10:22	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 07:31	11/07/16 10:22	1
Cadmium	0.0011	J	0.0020	0.00050	mg/L		11/04/16 07:31	11/07/16 10:22	1
Calcium	886		0.50	0.10	mg/L		11/04/16 07:31	11/07/16 10:22	1
Chromium	0.0099		0.0040	0.0010	mg/L		11/04/16 07:31	11/07/16 10:22	1
Cobalt	0.0094		0.0040	0.00063	mg/L		11/04/16 07:31	11/07/16 10:22	1
Copper	ND		0.010	0.0016	mg/L		11/04/16 07:31	11/08/16 19:27	1
Iron	23.9		0.050	0.019	mg/L		11/04/16 07:31	11/07/16 10:22	1
Lead	0.0033	J	0.010	0.0030	mg/L		11/04/16 07:31	11/07/16 10:22	1
Magnesium	284		0.20	0.043	mg/L		11/04/16 07:31	11/07/16 10:22	1
Manganese	4.9	B	0.0030	0.00040	mg/L		11/04/16 07:31	11/07/16 10:22	1
Nickel	0.015		0.010	0.0013	mg/L		11/04/16 07:31	11/07/16 10:22	1
Potassium	3.0		0.50	0.10	mg/L		11/04/16 07:31	11/08/16 19:27	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-18_1116

Lab Sample ID: 480-108915-1

Date Collected: 11/02/16 15:05

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 07:31	11/08/16 19:27	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 07:31	11/07/16 10:22	1
Sodium	1090		1.0	0.32	mg/L		11/04/16 07:31	11/08/16 19:27	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 07:31	11/07/16 10:22	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 07:31	11/07/16 10:22	1
Zinc	0.0073	J	0.010	0.0015	mg/L		11/04/16 07:31	11/07/16 10:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/16 09:25	11/04/16 16:27	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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-27_1116

Lab Sample ID: 480-108915-2

Date Collected: 11/02/16 11:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			11/13/16 16:02	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/13/16 16:02	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/13/16 16:02	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/13/16 16:02	20
1,1-Dichloroethane	ND		20	7.6	ug/L			11/13/16 16:02	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/13/16 16:02	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/13/16 16:02	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/13/16 16:02	20
1,2-Dibromoethane	ND		20	15	ug/L			11/13/16 16:02	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/13/16 16:02	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/13/16 16:02	20
1,2-Dichloropropane	ND		20	14	ug/L			11/13/16 16:02	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/13/16 16:02	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/13/16 16:02	20
2-Butanone (MEK)	ND		200	26	ug/L			11/13/16 16:02	20
2-Hexanone	ND		100	25	ug/L			11/13/16 16:02	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			11/13/16 16:02	20
Acetone	ND		200	60	ug/L			11/13/16 16:02	20
Benzene	ND		20	8.2	ug/L			11/13/16 16:02	20
Bromodichloromethane	ND		20	7.8	ug/L			11/13/16 16:02	20
Bromoform	ND		20	5.2	ug/L			11/13/16 16:02	20
Bromomethane	ND		20	14	ug/L			11/13/16 16:02	20
Carbon disulfide	ND		20	3.8	ug/L			11/13/16 16:02	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/13/16 16:02	20
Chlorobenzene	ND		20	15	ug/L			11/13/16 16:02	20
Chloroethane	ND		20	6.4	ug/L			11/13/16 16:02	20
Chloroform	ND		20	6.8	ug/L			11/13/16 16:02	20
Chloromethane	ND		20	7.0	ug/L			11/13/16 16:02	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			11/13/16 16:02	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/13/16 16:02	20
Cyclohexane	ND		20	3.6	ug/L			11/13/16 16:02	20
Dibromochloromethane	ND		20	6.4	ug/L			11/13/16 16:02	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/13/16 16:02	20
Ethylbenzene	ND		20	15	ug/L			11/13/16 16:02	20
Isopropylbenzene	ND		20	16	ug/L			11/13/16 16:02	20
Methyl acetate	ND		50	26	ug/L			11/13/16 16:02	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/13/16 16:02	20
Methylcyclohexane	ND		20	3.2	ug/L			11/13/16 16:02	20
Methylene Chloride	ND		20	8.8	ug/L			11/13/16 16:02	20
Styrene	ND		20	15	ug/L			11/13/16 16:02	20
Tetrachloroethene	840		20	7.2	ug/L			11/13/16 16:02	20
Toluene	ND		20	10	ug/L			11/13/16 16:02	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			11/13/16 16:02	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/13/16 16:02	20
Trichloroethene	82		20	9.2	ug/L			11/13/16 16:02	20
Trichlorofluoromethane	ND		20	18	ug/L			11/13/16 16:02	20
Vinyl chloride	ND		20	18	ug/L			11/13/16 16:02	20
Xylenes, Total	ND		40	13	ug/L			11/13/16 16:02	20

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-27_1116

Lab Sample ID: 480-108915-2

Date Collected: 11/02/16 11:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/13/16 16:02	20
4-Bromofluorobenzene (Surr)	92		73 - 120		11/13/16 16:02	20
Toluene-d8 (Surr)	95		80 - 120		11/13/16 16:02	20
Dibromofluoromethane (Surr)	107		75 - 123		11/13/16 16:02	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 22:48	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/04/16 15:03	11/08/16 22:48	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 22:48	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/04/16 15:03	11/08/16 22:48	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/08/16 22:48	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 22:48	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:48	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 22:48	1
2-Chlorophenol	ND		4.7	0.50	ug/L		11/04/16 15:03	11/08/16 22:48	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/04/16 15:03	11/08/16 22:48	1
2-Methylphenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:48	1
2-Nitroaniline	ND		9.4	0.39	ug/L		11/04/16 15:03	11/08/16 22:48	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/08/16 22:48	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:48	1
3-Nitroaniline	ND		9.4	0.45	ug/L		11/04/16 15:03	11/08/16 22:48	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/08/16 22:48	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 22:48	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/04/16 15:03	11/08/16 22:48	1
4-Chloroaniline	ND		4.7	0.55	ug/L		11/04/16 15:03	11/08/16 22:48	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 22:48	1
4-Methylphenol	ND		9.4	0.34	ug/L		11/04/16 15:03	11/08/16 22:48	1
4-Nitroaniline	ND		9.4	0.23	ug/L		11/04/16 15:03	11/08/16 22:48	1
4-Nitrophenol	ND		9.4	1.4	ug/L		11/04/16 15:03	11/08/16 22:48	1
Acenaphthene	ND		4.7	0.38	ug/L		11/04/16 15:03	11/08/16 22:48	1
Acenaphthylene	ND		4.7	0.36	ug/L		11/04/16 15:03	11/08/16 22:48	1
Acetophenone	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 22:48	1
Aniline	ND		9.4	0.57	ug/L		11/04/16 15:03	11/08/16 22:48	1
Anthracene	ND		4.7	0.26	ug/L		11/04/16 15:03	11/08/16 22:48	1
Atrazine	ND		4.7	0.43	ug/L		11/04/16 15:03	11/08/16 22:48	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/04/16 15:03	11/08/16 22:48	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 22:48	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 22:48	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 22:48	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 22:48	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		11/04/16 15:03	11/08/16 22:48	1
Biphenyl	ND		4.7	0.61	ug/L		11/04/16 15:03	11/08/16 22:48	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/04/16 15:03	11/08/16 22:48	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/04/16 15:03	11/08/16 22:48	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:48	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 22:48	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		11/04/16 15:03	11/08/16 22:48	1
Caprolactam	ND		4.7	2.1	ug/L		11/04/16 15:03	11/08/16 22:48	1
Carbazole	ND		4.7	0.28	ug/L		11/04/16 15:03	11/08/16 22:48	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-27_1116

Lab Sample ID: 480-108915-2

Date Collected: 11/02/16 11:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		11/04/16 15:03	11/08/16 22:48	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		11/04/16 15:03	11/08/16 22:48	1
Dibenzofuran	ND		9.4	0.48	ug/L		11/04/16 15:03	11/08/16 22:48	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/04/16 15:03	11/08/16 22:48	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 22:48	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/04/16 15:03	11/08/16 22:48	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 22:48	1
Fluoranthene	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:48	1
Fluorene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/08/16 22:48	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 22:48	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/04/16 15:03	11/08/16 22:48	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/04/16 15:03	11/08/16 22:48	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/04/16 15:03	11/08/16 22:48	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/08/16 22:48	1
Isophorone	ND		4.7	0.40	ug/L		11/04/16 15:03	11/08/16 22:48	1
Naphthalene	ND		4.7	0.71	ug/L		11/04/16 15:03	11/08/16 22:48	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/04/16 15:03	11/08/16 22:48	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		11/04/16 15:03	11/08/16 22:48	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/04/16 15:03	11/08/16 22:48	1
Pentachlorophenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/08/16 22:48	1
Phenanthrene	ND		4.7	0.41	ug/L		11/04/16 15:03	11/08/16 22:48	1
Phenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/08/16 22:48	1
Pyrene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/08/16 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		52 - 132	11/04/16 15:03	11/08/16 22:48	1
2-Fluorobiphenyl	65		48 - 120	11/04/16 15:03	11/08/16 22:48	1
2-Fluorophenol	42		20 - 120	11/04/16 15:03	11/08/16 22:48	1
Nitrobenzene-d5	60		46 - 120	11/04/16 15:03	11/08/16 22:48	1
Phenol-d5	36		16 - 120	11/04/16 15:03	11/08/16 22:48	1
p-Terphenyl-d14	81		67 - 150	11/04/16 15:03	11/08/16 22:48	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/16 07:31	11/07/16 10:36	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 07:31	11/07/16 10:36	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 07:31	11/07/16 10:36	1
Barium	0.035		0.0020	0.00070	mg/L		11/04/16 07:31	11/07/16 10:36	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 07:31	11/07/16 10:36	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 07:31	11/07/16 10:36	1
Calcium	216		0.50	0.10	mg/L		11/04/16 07:31	11/07/16 10:36	1
Chromium	0.37		0.0040	0.0010	mg/L		11/04/16 07:31	11/07/16 10:36	1
Cobalt	0.0069		0.0040	0.00063	mg/L		11/04/16 07:31	11/07/16 10:36	1
Copper	0.0050	J	0.010	0.0016	mg/L		11/04/16 07:31	11/08/16 19:31	1
Iron	1.5		0.050	0.019	mg/L		11/04/16 07:31	11/07/16 10:36	1
Lead	ND		0.010	0.0030	mg/L		11/04/16 07:31	11/07/16 10:36	1
Magnesium	91.7		0.20	0.043	mg/L		11/04/16 07:31	11/07/16 10:36	1
Manganese	0.63	B	0.0030	0.00040	mg/L		11/04/16 07:31	11/07/16 10:36	1
Nickel	0.19		0.010	0.0013	mg/L		11/04/16 07:31	11/07/16 10:36	1
Potassium	2.4		0.50	0.10	mg/L		11/04/16 07:31	11/08/16 19:31	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-27_1116

Lab Sample ID: 480-108915-2

Date Collected: 11/02/16 11:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 07:31	11/07/16 10:36	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 07:31	11/07/16 10:36	1
Sodium	295		1.0	0.32	mg/L		11/04/16 07:31	11/08/16 19:31	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 07:31	11/07/16 10:36	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 07:31	11/07/16 10:36	1
Zinc	0.0037	J	0.010	0.0015	mg/L		11/04/16 07:31	11/07/16 10:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/16 09:25	11/04/16 16:28	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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28_1116

Lab Sample ID: 480-108915-3

Date Collected: 11/02/16 12:12

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/14/16 01:09	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/14/16 01:09	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/14/16 01:09	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/14/16 01:09	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/14/16 01:09	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/14/16 01:09	2
1,2,4-Trichlorobenzene	4.1		2.0	0.82	ug/L			11/14/16 01:09	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/14/16 01:09	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/14/16 01:09	2
1,2-Dichlorobenzene	3.4		2.0	1.6	ug/L			11/14/16 01:09	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/14/16 01:09	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/14/16 01:09	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/14/16 01:09	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/14/16 01:09	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/14/16 01:09	2
2-Hexanone	ND		10	2.5	ug/L			11/14/16 01:09	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/14/16 01:09	2
Acetone	ND		20	6.0	ug/L			11/14/16 01:09	2
Benzene	ND		2.0	0.82	ug/L			11/14/16 01:09	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/14/16 01:09	2
Bromoform	ND		2.0	0.52	ug/L			11/14/16 01:09	2
Bromomethane	ND		2.0	1.4	ug/L			11/14/16 01:09	2
Carbon disulfide	ND	F1	2.0	0.38	ug/L			11/14/16 01:09	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/14/16 01:09	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/14/16 01:09	2
Chloroethane	ND		2.0	0.64	ug/L			11/14/16 01:09	2
Chloroform	ND		2.0	0.68	ug/L			11/14/16 01:09	2
Chloromethane	ND	F1	2.0	0.70	ug/L			11/14/16 01:09	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/14/16 01:09	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/14/16 01:09	2
Cyclohexane	ND		2.0	0.36	ug/L			11/14/16 01:09	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/14/16 01:09	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/14/16 01:09	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/14/16 01:09	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/14/16 01:09	2
Methyl acetate	ND		5.0	2.6	ug/L			11/14/16 01:09	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/14/16 01:09	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/14/16 01:09	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/14/16 01:09	2
Styrene	ND		2.0	1.5	ug/L			11/14/16 01:09	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/14/16 01:09	2
Toluene	ND		2.0	1.0	ug/L			11/14/16 01:09	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/14/16 01:09	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/14/16 01:09	2
Trichloroethene	ND		2.0	0.92	ug/L			11/14/16 01:09	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/14/16 01:09	2
Vinyl chloride	ND	F1	2.0	1.8	ug/L			11/14/16 01:09	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/14/16 01:09	2

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28_1116

Lab Sample ID: 480-108915-3

Date Collected: 11/02/16 12:12

Matrix: Ground Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/14/16 01:09	2
4-Bromofluorobenzene (Surr)	96		73 - 120		11/14/16 01:09	2
Toluene-d8 (Surr)	98		80 - 120		11/14/16 01:09	2
Dibromofluoromethane (Surr)	102		75 - 123		11/14/16 01:09	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		11/04/16 15:03	11/14/16 18:19	1
2,4,6-Trichlorophenol	ND	F2	4.6	0.56	ug/L		11/04/16 15:03	11/14/16 18:19	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/04/16 15:03	11/14/16 18:19	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/04/16 15:03	11/14/16 18:19	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/04/16 15:03	11/14/16 18:19	1
2,4-Dinitrotoluene	ND	F2 F1	4.6	0.41	ug/L		11/04/16 15:03	11/14/16 18:19	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/04/16 15:03	11/14/16 18:19	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/04/16 15:03	11/14/16 18:19	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/04/16 15:03	11/14/16 18:19	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/04/16 15:03	11/14/16 18:19	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/04/16 15:03	11/14/16 18:19	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/04/16 15:03	11/14/16 18:19	1
2-Nitrophenol	ND		4.6	0.44	ug/L		11/04/16 15:03	11/14/16 18:19	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/04/16 15:03	11/14/16 18:19	1
3-Nitroaniline	ND	F1	9.2	0.44	ug/L		11/04/16 15:03	11/14/16 18:19	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		11/04/16 15:03	11/14/16 18:19	1
4-Bromophenyl phenyl ether	ND	F1	4.6	0.42	ug/L		11/04/16 15:03	11/14/16 18:19	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/04/16 15:03	11/14/16 18:19	1
4-Chloroaniline	4.6	F2 F1	4.6	0.54	ug/L		11/04/16 15:03	11/14/16 18:19	1
4-Chlorophenyl phenyl ether	ND	F2	4.6	0.32	ug/L		11/04/16 15:03	11/14/16 18:19	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/04/16 15:03	11/14/16 18:19	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/04/16 15:03	11/14/16 18:19	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/04/16 15:03	11/14/16 18:19	1
Acenaphthene	ND		4.6	0.38	ug/L		11/04/16 15:03	11/14/16 18:19	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/04/16 15:03	11/14/16 18:19	1
Acetophenone	ND	F2	4.6	0.50	ug/L		11/04/16 15:03	11/14/16 18:19	1
Aniline	4.0	J F2	9.2	0.56	ug/L		11/04/16 15:03	11/14/16 18:19	1
Anthracene	ND		4.6	0.26	ug/L		11/04/16 15:03	11/14/16 18:19	1
Atrazine	ND		4.6	0.42	ug/L		11/04/16 15:03	11/14/16 18:19	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/04/16 15:03	11/14/16 18:19	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/04/16 15:03	11/14/16 18:19	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		11/04/16 15:03	11/14/16 18:19	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		11/04/16 15:03	11/14/16 18:19	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/04/16 15:03	11/14/16 18:19	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		11/04/16 15:03	11/14/16 18:19	1
Biphenyl	ND		4.6	0.60	ug/L		11/04/16 15:03	11/14/16 18:19	1
bis (2-chloroisopropyl) ether	ND	F2	4.6	0.48	ug/L		11/04/16 15:03	11/14/16 18:19	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/04/16 15:03	11/14/16 18:19	1
Bis(2-chloroethyl)ether	ND	F2	4.6	0.37	ug/L		11/04/16 15:03	11/14/16 18:19	1
Bis(2-ethylhexyl) phthalate	ND	F2	4.6	2.0	ug/L		11/04/16 15:03	11/14/16 18:19	1
Butyl benzyl phthalate	ND		4.6	0.92	ug/L		11/04/16 15:03	11/14/16 18:19	1
Caprolactam	ND	F1	4.6	2.0	ug/L		11/04/16 15:03	11/14/16 18:19	1
Carbazole	ND	F2	4.6	0.28	ug/L		11/04/16 15:03	11/14/16 18:19	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28_1116

Lab Sample ID: 480-108915-3

Date Collected: 11/02/16 12:12

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.30	ug/L		11/04/16 15:03	11/14/16 18:19	1
Dibenz(a,h)anthracene	ND	F2	4.6	0.39	ug/L		11/04/16 15:03	11/14/16 18:19	1
Dibenzofuran	ND	F2	9.2	0.47	ug/L		11/04/16 15:03	11/14/16 18:19	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/04/16 15:03	11/14/16 18:19	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/04/16 15:03	11/14/16 18:19	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/04/16 15:03	11/14/16 18:19	1
Di-n-octyl phthalate	ND	F2	4.6	0.43	ug/L		11/04/16 15:03	11/14/16 18:19	1
Fluoranthene	ND		4.6	0.37	ug/L		11/04/16 15:03	11/14/16 18:19	1
Fluorene	ND	F2	4.6	0.33	ug/L		11/04/16 15:03	11/14/16 18:19	1
Hexachlorobenzene	ND	F2	4.6	0.47	ug/L		11/04/16 15:03	11/14/16 18:19	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/04/16 15:03	11/14/16 18:19	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/04/16 15:03	11/14/16 18:19	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/04/16 15:03	11/14/16 18:19	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		11/04/16 15:03	11/14/16 18:19	1
Isophorone	ND	F2	4.6	0.40	ug/L		11/04/16 15:03	11/14/16 18:19	1
Naphthalene	0.94	J	4.6	0.70	ug/L		11/04/16 15:03	11/14/16 18:19	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/04/16 15:03	11/14/16 18:19	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/04/16 15:03	11/14/16 18:19	1
N-Nitrosodiphenylamine	2.5	J	4.6	0.47	ug/L		11/04/16 15:03	11/14/16 18:19	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/04/16 15:03	11/14/16 18:19	1
Phenanthrene	ND		4.6	0.41	ug/L		11/04/16 15:03	11/14/16 18:19	1
Phenol	ND	F2	4.6	0.36	ug/L		11/04/16 15:03	11/14/16 18:19	1
Pyrene	ND		4.6	0.31	ug/L		11/04/16 15:03	11/14/16 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		52 - 132	11/04/16 15:03	11/14/16 18:19	1
2-Fluorobiphenyl	66		48 - 120	11/04/16 15:03	11/14/16 18:19	1
2-Fluorophenol	50		20 - 120	11/04/16 15:03	11/14/16 18:19	1
Nitrobenzene-d5	67		46 - 120	11/04/16 15:03	11/14/16 18:19	1
Phenol-d5	42		16 - 120	11/04/16 15:03	11/14/16 18:19	1
p-Terphenyl-d14	87		67 - 150	11/04/16 15:03	11/14/16 18:19	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/16 07:31	11/07/16 10:39	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 07:31	11/07/16 10:39	1
Arsenic	0.047		0.015	0.0056	mg/L		11/04/16 07:31	11/07/16 10:39	1
Barium	0.035		0.0020	0.00070	mg/L		11/04/16 07:31	11/07/16 10:39	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 07:31	11/07/16 10:39	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 07:31	11/07/16 10:39	1
Calcium	161		0.50	0.10	mg/L		11/04/16 07:31	11/07/16 10:39	1
Chromium	0.0050		0.0040	0.0010	mg/L		11/04/16 07:31	11/07/16 10:39	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/16 07:31	11/07/16 10:39	1
Copper	ND		0.010	0.0016	mg/L		11/04/16 07:31	11/08/16 19:48	1
Iron	0.084		0.050	0.019	mg/L		11/04/16 07:31	11/07/16 10:39	1
Lead	ND		0.010	0.0030	mg/L		11/04/16 07:31	11/07/16 10:39	1
Magnesium	14.5		0.20	0.043	mg/L		11/04/16 07:31	11/07/16 10:39	1
Manganese	0.16	B	0.0030	0.00040	mg/L		11/04/16 07:31	11/07/16 10:39	1
Nickel	0.0015	J	0.010	0.0013	mg/L		11/04/16 07:31	11/07/16 10:39	1
Potassium	7.4		0.50	0.10	mg/L		11/04/16 07:31	11/08/16 19:48	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28_1116

Lab Sample ID: 480-108915-3

Date Collected: 11/02/16 12:12

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 07:31	11/07/16 10:39	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 07:31	11/07/16 10:39	1
Sodium	360		1.0	0.32	mg/L		11/04/16 07:31	11/08/16 19:48	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 07:31	11/07/16 10:39	1
Vanadium	0.015		0.0050	0.0015	mg/L		11/04/16 07:31	11/07/16 10:39	1
Zinc	0.0024	J	0.010	0.0015	mg/L		11/04/16 07:31	11/07/16 10:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/16 09:25	11/04/16 16:33	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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-30_1116

Lab Sample ID: 480-108915-4

Date Collected: 11/02/16 14:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/16 16:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 16:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/13/16 16:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 16:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/16 16:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/16 16:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/13/16 16:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 16:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 16:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/13/16 16:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 16:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 16:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/13/16 16:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/13/16 16:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/16 16:26	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 16:26	1
Acetone	ND		10	3.0	ug/L			11/13/16 16:26	1
Benzene	ND		1.0	0.41	ug/L			11/13/16 16:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 16:26	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 16:26	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 16:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 16:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/16 16:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/16 16:26	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 16:26	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 16:26	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 16:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 16:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 16:26	1
Cyclohexane	ND		1.0	0.18	ug/L			11/13/16 16:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 16:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 16:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 16:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 16:26	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 16:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/13/16 16:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/13/16 16:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 16:26	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 16:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/16 16:26	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 16:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/13/16 16:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 16:26	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 16:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 16:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 16:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 16:26	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-30_1116

Lab Sample ID: 480-108915-4

Date Collected: 11/02/16 14:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/13/16 16:26	1
4-Bromofluorobenzene (Surr)	92		73 - 120		11/13/16 16:26	1
Toluene-d8 (Surr)	95		80 - 120		11/13/16 16:26	1
Dibromofluoromethane (Surr)	110		75 - 123		11/13/16 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/09/16 02:54	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/04/16 15:03	11/09/16 02:54	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/04/16 15:03	11/09/16 02:54	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		11/04/16 15:03	11/09/16 02:54	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/09/16 02:54	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/04/16 15:03	11/09/16 02:54	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/04/16 15:03	11/09/16 02:54	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/04/16 15:03	11/09/16 02:54	1
2-Chlorophenol	ND		4.7	0.50	ug/L		11/04/16 15:03	11/09/16 02:54	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/04/16 15:03	11/09/16 02:54	1
2-Methylphenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/09/16 02:54	1
2-Nitroaniline	ND		9.4	0.39	ug/L		11/04/16 15:03	11/09/16 02:54	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/04/16 15:03	11/09/16 02:54	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		11/04/16 15:03	11/09/16 02:54	1
3-Nitroaniline	ND		9.4	0.45	ug/L		11/04/16 15:03	11/09/16 02:54	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/09/16 02:54	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/04/16 15:03	11/09/16 02:54	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/04/16 15:03	11/09/16 02:54	1
4-Chloroaniline	ND		4.7	0.55	ug/L		11/04/16 15:03	11/09/16 02:54	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/04/16 15:03	11/09/16 02:54	1
4-Methylphenol	ND		9.4	0.34	ug/L		11/04/16 15:03	11/09/16 02:54	1
4-Nitroaniline	ND		9.4	0.23	ug/L		11/04/16 15:03	11/09/16 02:54	1
4-Nitrophenol	ND		9.4	1.4	ug/L		11/04/16 15:03	11/09/16 02:54	1
Acenaphthene	ND		4.7	0.38	ug/L		11/04/16 15:03	11/09/16 02:54	1
Acenaphthylene	ND		4.7	0.36	ug/L		11/04/16 15:03	11/09/16 02:54	1
Acetophenone	ND		4.7	0.51	ug/L		11/04/16 15:03	11/09/16 02:54	1
Aniline	ND		9.4	0.57	ug/L		11/04/16 15:03	11/09/16 02:54	1
Anthracene	ND		4.7	0.26	ug/L		11/04/16 15:03	11/09/16 02:54	1
Atrazine	ND		4.7	0.43	ug/L		11/04/16 15:03	11/09/16 02:54	1
Benzaldehyde	ND		4.7	0.25	ug/L		11/04/16 15:03	11/09/16 02:54	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/09/16 02:54	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/09/16 02:54	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/09/16 02:54	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		11/04/16 15:03	11/09/16 02:54	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		11/04/16 15:03	11/09/16 02:54	1
Biphenyl	ND		4.7	0.61	ug/L		11/04/16 15:03	11/09/16 02:54	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/04/16 15:03	11/09/16 02:54	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/04/16 15:03	11/09/16 02:54	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/04/16 15:03	11/09/16 02:54	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		11/04/16 15:03	11/09/16 02:54	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		11/04/16 15:03	11/09/16 02:54	1
Caprolactam	ND		4.7	2.1	ug/L		11/04/16 15:03	11/09/16 02:54	1
Carbazole	ND		4.7	0.28	ug/L		11/04/16 15:03	11/09/16 02:54	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-30_1116

Lab Sample ID: 480-108915-4

Date Collected: 11/02/16 14:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.7	0.31	ug/L		11/04/16 15:03	11/09/16 02:54	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		11/04/16 15:03	11/09/16 02:54	1
Dibenzofuran	ND		9.4	0.48	ug/L		11/04/16 15:03	11/09/16 02:54	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/04/16 15:03	11/09/16 02:54	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/04/16 15:03	11/09/16 02:54	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		11/04/16 15:03	11/09/16 02:54	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/04/16 15:03	11/09/16 02:54	1
Fluoranthene	ND		4.7	0.37	ug/L		11/04/16 15:03	11/09/16 02:54	1
Fluorene	ND		4.7	0.34	ug/L		11/04/16 15:03	11/09/16 02:54	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/04/16 15:03	11/09/16 02:54	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/04/16 15:03	11/09/16 02:54	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/04/16 15:03	11/09/16 02:54	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/04/16 15:03	11/09/16 02:54	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		11/04/16 15:03	11/09/16 02:54	1
Isophorone	ND		4.7	0.40	ug/L		11/04/16 15:03	11/09/16 02:54	1
Naphthalene	ND		4.7	0.71	ug/L		11/04/16 15:03	11/09/16 02:54	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/04/16 15:03	11/09/16 02:54	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		11/04/16 15:03	11/09/16 02:54	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/04/16 15:03	11/09/16 02:54	1
Pentachlorophenol	ND		9.4	2.1	ug/L		11/04/16 15:03	11/09/16 02:54	1
Phenanthrene	ND		4.7	0.41	ug/L		11/04/16 15:03	11/09/16 02:54	1
Phenol	ND		4.7	0.37	ug/L		11/04/16 15:03	11/09/16 02:54	1
Pyrene	ND		4.7	0.32	ug/L		11/04/16 15:03	11/09/16 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 132	11/04/16 15:03	11/09/16 02:54	1
2-Fluorobiphenyl	83		48 - 120	11/04/16 15:03	11/09/16 02:54	1
2-Fluorophenol	56		20 - 120	11/04/16 15:03	11/09/16 02:54	1
Nitrobenzene-d5	81		46 - 120	11/04/16 15:03	11/09/16 02:54	1
Phenol-d5	54		16 - 120	11/04/16 15:03	11/09/16 02:54	1
p-Terphenyl-d14	94		67 - 150	11/04/16 15:03	11/09/16 02:54	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.22		0.20	0.060	mg/L		11/04/16 07:31	11/07/16 10:56	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 07:31	11/07/16 10:56	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 07:31	11/07/16 10:56	1
Barium	0.037		0.0020	0.00070	mg/L		11/04/16 07:31	11/07/16 10:56	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 07:31	11/07/16 10:56	1
Cadmium	0.00063	J	0.0020	0.00050	mg/L		11/04/16 07:31	11/07/16 10:56	1
Calcium	235		0.50	0.10	mg/L		11/04/16 07:31	11/07/16 10:56	1
Chromium	0.067		0.0040	0.0010	mg/L		11/04/16 07:31	11/07/16 10:56	1
Cobalt	0.0091		0.0040	0.00063	mg/L		11/04/16 07:31	11/07/16 10:56	1
Copper	0.017		0.010	0.0016	mg/L		11/04/16 07:31	11/08/16 20:05	1
Iron	2.8		0.050	0.019	mg/L		11/04/16 07:31	11/07/16 10:56	1
Lead	ND		0.010	0.0030	mg/L		11/04/16 07:31	11/07/16 10:56	1
Magnesium	83.7		0.20	0.043	mg/L		11/04/16 07:31	11/07/16 10:56	1
Manganese	0.92	B	0.0030	0.00040	mg/L		11/04/16 07:31	11/07/16 10:56	1
Nickel	0.065		0.010	0.0013	mg/L		11/04/16 07:31	11/07/16 10:56	1
Potassium	1.9		0.50	0.10	mg/L		11/04/16 07:31	11/08/16 20:05	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-30_1116

Lab Sample ID: 480-108915-4

Date Collected: 11/02/16 14:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 07:31	11/07/16 10:56	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 07:31	11/07/16 10:56	1
Sodium	336		1.0	0.32	mg/L		11/04/16 07:31	11/08/16 20:05	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 07:31	11/07/16 10:56	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 07:31	11/07/16 10:56	1
Zinc	0.012		0.010	0.0015	mg/L		11/04/16 07:31	11/07/16 10:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/16 09:25	11/04/16 16:40	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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28 D_1116

Lab Sample ID: 480-108915-5

Date Collected: 11/02/16 12:25

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/13/16 16:50	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/13/16 16:50	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/13/16 16:50	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/13/16 16:50	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/13/16 16:50	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/13/16 16:50	2
1,2,4-Trichlorobenzene	3.7		2.0	0.82	ug/L			11/13/16 16:50	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/13/16 16:50	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/13/16 16:50	2
1,2-Dichlorobenzene	2.9		2.0	1.6	ug/L			11/13/16 16:50	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/13/16 16:50	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/13/16 16:50	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/16 16:50	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/13/16 16:50	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/13/16 16:50	2
2-Hexanone	ND		10	2.5	ug/L			11/13/16 16:50	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/13/16 16:50	2
Acetone	ND		20	6.0	ug/L			11/13/16 16:50	2
Benzene	ND		2.0	0.82	ug/L			11/13/16 16:50	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/13/16 16:50	2
Bromoform	ND		2.0	0.52	ug/L			11/13/16 16:50	2
Bromomethane	ND		2.0	1.4	ug/L			11/13/16 16:50	2
Carbon disulfide	0.50	J	2.0	0.38	ug/L			11/13/16 16:50	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/13/16 16:50	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/13/16 16:50	2
Chloroethane	ND		2.0	0.64	ug/L			11/13/16 16:50	2
Chloroform	ND		2.0	0.68	ug/L			11/13/16 16:50	2
Chloromethane	ND		2.0	0.70	ug/L			11/13/16 16:50	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/13/16 16:50	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/13/16 16:50	2
Cyclohexane	ND		2.0	0.36	ug/L			11/13/16 16:50	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/13/16 16:50	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/13/16 16:50	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/13/16 16:50	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/13/16 16:50	2
Methyl acetate	ND		5.0	2.6	ug/L			11/13/16 16:50	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/13/16 16:50	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/13/16 16:50	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/13/16 16:50	2
Styrene	ND		2.0	1.5	ug/L			11/13/16 16:50	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/13/16 16:50	2
Toluene	ND		2.0	1.0	ug/L			11/13/16 16:50	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/13/16 16:50	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/13/16 16:50	2
Trichloroethene	ND		2.0	0.92	ug/L			11/13/16 16:50	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/13/16 16:50	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/13/16 16:50	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/13/16 16:50	2

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28 D_1116

Lab Sample ID: 480-108915-5

Date Collected: 11/02/16 12:25

Matrix: Ground Water

Date Received: 11/02/16 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/13/16 16:50	2
4-Bromofluorobenzene (Surr)	95		73 - 120		11/13/16 16:50	2
Toluene-d8 (Surr)	96		80 - 120		11/13/16 16:50	2
Dibromofluoromethane (Surr)	112		75 - 123		11/13/16 16:50	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		11/04/16 15:03	11/09/16 02:22	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		11/04/16 15:03	11/09/16 02:22	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/04/16 15:03	11/09/16 02:22	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/04/16 15:03	11/09/16 02:22	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/04/16 15:03	11/09/16 02:22	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/04/16 15:03	11/09/16 02:22	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		11/04/16 15:03	11/09/16 02:22	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/04/16 15:03	11/09/16 02:22	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/04/16 15:03	11/09/16 02:22	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/04/16 15:03	11/09/16 02:22	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/04/16 15:03	11/09/16 02:22	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/04/16 15:03	11/09/16 02:22	1
2-Nitrophenol	ND		4.6	0.45	ug/L		11/04/16 15:03	11/09/16 02:22	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/04/16 15:03	11/09/16 02:22	1
3-Nitroaniline	ND		9.3	0.45	ug/L		11/04/16 15:03	11/09/16 02:22	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/04/16 15:03	11/09/16 02:22	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		11/04/16 15:03	11/09/16 02:22	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/04/16 15:03	11/09/16 02:22	1
4-Chloroaniline	3.3	J	4.6	0.55	ug/L		11/04/16 15:03	11/09/16 02:22	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/04/16 15:03	11/09/16 02:22	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/04/16 15:03	11/09/16 02:22	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/04/16 15:03	11/09/16 02:22	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/04/16 15:03	11/09/16 02:22	1
Acenaphthene	ND		4.6	0.38	ug/L		11/04/16 15:03	11/09/16 02:22	1
Acenaphthylene	ND		4.6	0.35	ug/L		11/04/16 15:03	11/09/16 02:22	1
Acetophenone	ND		4.6	0.50	ug/L		11/04/16 15:03	11/09/16 02:22	1
Aniline	3.5	J	9.3	0.57	ug/L		11/04/16 15:03	11/09/16 02:22	1
Anthracene	ND		4.6	0.26	ug/L		11/04/16 15:03	11/09/16 02:22	1
Atrazine	ND		4.6	0.43	ug/L		11/04/16 15:03	11/09/16 02:22	1
Benzaldehyde	ND		4.6	0.25	ug/L		11/04/16 15:03	11/09/16 02:22	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		11/04/16 15:03	11/09/16 02:22	1
Benzo(a)pyrene	ND		4.6	0.44	ug/L		11/04/16 15:03	11/09/16 02:22	1
Benzo(b)fluoranthene	ND		4.6	0.32	ug/L		11/04/16 15:03	11/09/16 02:22	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		11/04/16 15:03	11/09/16 02:22	1
Benzo(k)fluoranthene	ND		4.6	0.68	ug/L		11/04/16 15:03	11/09/16 02:22	1
Biphenyl	ND		4.6	0.61	ug/L		11/04/16 15:03	11/09/16 02:22	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/04/16 15:03	11/09/16 02:22	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/04/16 15:03	11/09/16 02:22	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/04/16 15:03	11/09/16 02:22	1
Bis(2-ethylhexyl) phthalate	ND		4.6	2.0	ug/L		11/04/16 15:03	11/09/16 02:22	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		11/04/16 15:03	11/09/16 02:22	1
Caprolactam	ND		4.6	2.0	ug/L		11/04/16 15:03	11/09/16 02:22	1
Carbazole	ND		4.6	0.28	ug/L		11/04/16 15:03	11/09/16 02:22	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28 D_1116

Lab Sample ID: 480-108915-5

Date Collected: 11/02/16 12:25

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		4.6	0.31	ug/L		11/04/16 15:03	11/09/16 02:22	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		11/04/16 15:03	11/09/16 02:22	1
Dibenzofuran	ND		9.3	0.47	ug/L		11/04/16 15:03	11/09/16 02:22	1
Diethyl phthalate	ND		4.6	0.20	ug/L		11/04/16 15:03	11/09/16 02:22	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		11/04/16 15:03	11/09/16 02:22	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		11/04/16 15:03	11/09/16 02:22	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		11/04/16 15:03	11/09/16 02:22	1
Fluoranthene	ND		4.6	0.37	ug/L		11/04/16 15:03	11/09/16 02:22	1
Fluorene	ND		4.6	0.33	ug/L		11/04/16 15:03	11/09/16 02:22	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		11/04/16 15:03	11/09/16 02:22	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/04/16 15:03	11/09/16 02:22	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/04/16 15:03	11/09/16 02:22	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/04/16 15:03	11/09/16 02:22	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.44	ug/L		11/04/16 15:03	11/09/16 02:22	1
Isophorone	ND		4.6	0.40	ug/L		11/04/16 15:03	11/09/16 02:22	1
Naphthalene	1.0	J	4.6	0.70	ug/L		11/04/16 15:03	11/09/16 02:22	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/04/16 15:03	11/09/16 02:22	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/04/16 15:03	11/09/16 02:22	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		11/04/16 15:03	11/09/16 02:22	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/04/16 15:03	11/09/16 02:22	1
Phenanthrene	ND		4.6	0.41	ug/L		11/04/16 15:03	11/09/16 02:22	1
Phenol	ND		4.6	0.36	ug/L		11/04/16 15:03	11/09/16 02:22	1
Pyrene	ND		4.6	0.32	ug/L		11/04/16 15:03	11/09/16 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	11/04/16 15:03	11/09/16 02:22	1
2-Fluorobiphenyl	64		48 - 120	11/04/16 15:03	11/09/16 02:22	1
2-Fluorophenol	46		20 - 120	11/04/16 15:03	11/09/16 02:22	1
Nitrobenzene-d5	61		46 - 120	11/04/16 15:03	11/09/16 02:22	1
Phenol-d5	38		16 - 120	11/04/16 15:03	11/09/16 02:22	1
p-Terphenyl-d14	78		67 - 150	11/04/16 15:03	11/09/16 02:22	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/16 07:31	11/07/16 11:00	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 07:31	11/07/16 11:00	1
Arsenic	0.047		0.015	0.0056	mg/L		11/04/16 07:31	11/07/16 11:00	1
Barium	0.035		0.0020	0.00070	mg/L		11/04/16 07:31	11/07/16 11:00	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 07:31	11/07/16 11:00	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 07:31	11/07/16 11:00	1
Calcium	160		0.50	0.10	mg/L		11/04/16 07:31	11/07/16 11:00	1
Chromium	0.0050		0.0040	0.0010	mg/L		11/04/16 07:31	11/07/16 11:00	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/16 07:31	11/07/16 11:00	1
Copper	ND		0.010	0.0016	mg/L		11/04/16 07:31	11/08/16 20:09	1
Iron	0.087		0.050	0.019	mg/L		11/04/16 07:31	11/07/16 11:00	1
Lead	ND		0.010	0.0030	mg/L		11/04/16 07:31	11/07/16 11:00	1
Magnesium	14.4		0.20	0.043	mg/L		11/04/16 07:31	11/07/16 11:00	1
Manganese	0.16	B	0.0030	0.00040	mg/L		11/04/16 07:31	11/07/16 11:00	1
Nickel	0.0020	J	0.010	0.0013	mg/L		11/04/16 07:31	11/07/16 11:00	1
Potassium	7.3		0.50	0.10	mg/L		11/04/16 07:31	11/08/16 20:09	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-28 D_1116

Lab Sample ID: 480-108915-5

Date Collected: 11/02/16 12:25

Matrix: Ground Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		11/04/16 07:31	11/07/16 11:00	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 07:31	11/07/16 11:00	1
Sodium	356		1.0	0.32	mg/L		11/04/16 07:31	11/08/16 20:09	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 07:31	11/07/16 11:00	1
Vanadium	0.014		0.0050	0.0015	mg/L		11/04/16 07:31	11/07/16 11:00	1
Zinc	0.0027	J	0.010	0.0015	mg/L		11/04/16 07:31	11/07/16 11:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/16 09:25	11/04/16 16:42	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: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108915-6

Date Collected: 11/02/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/16 17:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/13/16 17:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 17:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/16 17:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/16 17:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/13/16 17:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 17:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 17:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/13/16 17:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 17:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 17:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/13/16 17:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/13/16 17:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/16 17:14	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 17:14	1
Acetone	ND		10	3.0	ug/L			11/13/16 17:14	1
Benzene	ND		1.0	0.41	ug/L			11/13/16 17:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 17:14	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 17:14	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 17:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 17:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/16 17:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/16 17:14	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 17:14	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 17:14	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 17:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 17:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 17:14	1
Cyclohexane	ND		1.0	0.18	ug/L			11/13/16 17:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 17:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 17:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 17:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 17:14	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 17:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/13/16 17:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/13/16 17:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 17:14	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 17:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/16 17:14	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 17:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/13/16 17:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 17:14	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 17:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 17:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 17:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 17:14	1

TestAmerica Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: TRIP BLANK

Date Collected: 11/02/16 00:00

Date Received: 11/02/16 16:15

Lab Sample ID: 480-108915-6

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/13/16 17:14	1
4-Bromofluorobenzene (Surr)	94		73 - 120		11/13/16 17:14	1
Toluene-d8 (Surr)	97		80 - 120		11/13/16 17:14	1
Dibromofluoromethane (Surr)	107		75 - 123		11/13/16 17:14	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-108915-1	BCC Area B RFI-18_1116	102	94	94	108
480-108915-2	BCC Area B RFI-27_1116	101	92	95	107
480-108915-3	BCC Area B RFI-28_1116	101	96	98	102
480-108915-3 MS	BCC Area B RFI-28 MS_1116	105	104	101	107
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	107	105	103	108
480-108915-4	BCC Area B RFI-30_1116	107	92	95	110
480-108915-5	BCC Area B RFI-28 D_1116	108	95	96	112

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-108915-6	TRIP BLANK	107	94	97	107
LCS 480-331306/5	Lab Control Sample	100	93	99	105
LCS 480-331353/4	Lab Control Sample	101	105	102	102
MB 480-331306/7	Method Blank	101	91	97	105
MB 480-331353/6	Method Blank	98	99	100	100

Surrogate Legend

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

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

Matrix: 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)
480-108915-1	BCC Area B RFI-18_1116	89	65	48	66	46	77
480-108915-2	BCC Area B RFI-27_1116	76	65	42	60	36	81
480-108915-3	BCC Area B RFI-28_1116	97	66	50	67	42	87
480-108915-3 MS	BCC Area B RFI-28 MS_1116	85	80	61	80	60	84
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	80	68	50	66	46	78
480-108915-4	BCC Area B RFI-30_1116	92	83	56	81	54	94
480-108915-5	BCC Area B RFI-28 D_1116	88	64	46	61	38	78

Surrogate Legend

TBP = 2,4,6-Tribromophenol
 FBP = 2-Fluorobiphenyl
 2FP = 2-Fluorophenol

TestAmerica Buffalo

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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 480-329771/2-A	Lab Control Sample	87	84	59	81	59	87
MB 480-329771/1-A	Method Blank	65	73	51	72	41	84

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 Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: MB 480-331306/7

Matrix: Water

Analysis Batch: 331306

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/16 11:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/16 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/13/16 11:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/16 11:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/16 11:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/16 11:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/13/16 11:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/13/16 11:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/13/16 11:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/13/16 11:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/16 11:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/16 11:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/13/16 11:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/13/16 11:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/16 11:23	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/16 11:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/16 11:23	1
Acetone	ND		10	3.0	ug/L			11/13/16 11:23	1
Benzene	ND		1.0	0.41	ug/L			11/13/16 11:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/16 11:23	1
Bromoform	ND		1.0	0.26	ug/L			11/13/16 11:23	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/16 11:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/16 11:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/16 11:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/16 11:23	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/16 11:23	1
Chloroform	ND		1.0	0.34	ug/L			11/13/16 11:23	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/16 11:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/13/16 11:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/16 11:23	1
Cyclohexane	ND		1.0	0.18	ug/L			11/13/16 11:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/16 11:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/13/16 11:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/16 11:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/13/16 11:23	1
Methyl acetate	ND		2.5	1.3	ug/L			11/13/16 11:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/13/16 11:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/13/16 11:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/16 11:23	1
Styrene	ND		1.0	0.73	ug/L			11/13/16 11:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/16 11:23	1
Toluene	ND		1.0	0.51	ug/L			11/13/16 11:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/13/16 11:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/16 11:23	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/16 11:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/13/16 11:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/16 11:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/16 11:23	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/13/16 11:23	1
4-Bromofluorobenzene (Surr)	91		73 - 120		11/13/16 11:23	1
Toluene-d8 (Surr)	97		80 - 120		11/13/16 11:23	1
Dibromofluoromethane (Surr)	105		75 - 123		11/13/16 11:23	1

Lab Sample ID: LCS 480-331306/5
Matrix: Water
Analysis Batch: 331306

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	28.4		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.9		ug/L		120	61 - 148
1,1,2-Trichloroethane	25.0	24.7		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	27.4		ug/L		110	77 - 120
1,1-Dichloroethene	25.0	28.0		ug/L		112	66 - 127
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.4		ug/L		82	56 - 134
1,2-Dibromoethane	25.0	24.9		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 120
1,2-Dichloropropane	25.0	27.6		ug/L		110	76 - 120
1,3-Dichlorobenzene	25.0	27.1		ug/L		109	77 - 120
1,4-Dichlorobenzene	25.0	26.6		ug/L		106	80 - 120
2-Butanone (MEK)	125	123		ug/L		98	57 - 140
2-Hexanone	125	123		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		99	71 - 125
Acetone	125	138		ug/L		110	56 - 142
Benzene	25.0	27.9		ug/L		111	71 - 124
Bromodichloromethane	25.0	27.0		ug/L		108	80 - 122
Bromoform	25.0	19.9		ug/L		80	61 - 132
Bromomethane	25.0	24.9		ug/L		100	55 - 144
Carbon disulfide	25.0	27.3		ug/L		109	59 - 134
Carbon tetrachloride	25.0	27.6		ug/L		110	72 - 134
Chlorobenzene	25.0	25.7		ug/L		103	80 - 120
Chloroethane	25.0	24.2		ug/L		97	69 - 136
Chloroform	25.0	26.7		ug/L		107	73 - 127
Chloromethane	25.0	20.1		ug/L		81	68 - 124
cis-1,2-Dichloroethene	25.0	28.6		ug/L		114	74 - 124
cis-1,3-Dichloropropene	25.0	24.7		ug/L		99	74 - 124
Cyclohexane	25.0	28.7		ug/L		115	59 - 135
Dibromochloromethane	25.0	24.2		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	17.0		ug/L		68	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Isopropylbenzene	25.0	26.7		ug/L		107	77 - 122
Methyl acetate	125	125		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		102	77 - 120
Methylcyclohexane	25.0	28.8		ug/L		115	68 - 134
Methylene Chloride	25.0	26.9		ug/L		108	75 - 124
Styrene	25.0	26.5		ug/L		106	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	74 - 122
Toluene	25.0	26.2		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	28.5		ug/L		114	73 - 127

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: LCS 480-331306/5

Matrix: Water

Analysis Batch: 331306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	22.8		ug/L		91	80 - 120
Trichloroethene	25.0	26.9		ug/L		108	74 - 123
Trichlorofluoromethane	25.0	25.9		ug/L		104	62 - 150
Vinyl chloride	25.0	21.9		ug/L		87	65 - 133
Xylenes, Total	50.0	53.7		ug/L		107	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	105		75 - 123

Lab Sample ID: MB 480-331353/6

Matrix: Water

Analysis Batch: 331353

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/14/16 00:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/14/16 00:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/14/16 00:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/14/16 00:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/14/16 00:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/14/16 00:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/14/16 00:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/14/16 00:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/14/16 00:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/14/16 00:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/14/16 00:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/14/16 00:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/14/16 00:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/14/16 00:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/14/16 00:05	1
2-Hexanone	ND		5.0	1.2	ug/L			11/14/16 00:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/14/16 00:05	1
Acetone	ND		10	3.0	ug/L			11/14/16 00:05	1
Benzene	ND		1.0	0.41	ug/L			11/14/16 00:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/14/16 00:05	1
Bromoform	ND		1.0	0.26	ug/L			11/14/16 00:05	1
Bromomethane	ND		1.0	0.69	ug/L			11/14/16 00:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/14/16 00:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/14/16 00:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/14/16 00:05	1
Chloroethane	ND		1.0	0.32	ug/L			11/14/16 00:05	1
Chloroform	ND		1.0	0.34	ug/L			11/14/16 00:05	1
Chloromethane	ND		1.0	0.35	ug/L			11/14/16 00:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/14/16 00:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/14/16 00:05	1
Cyclohexane	ND		1.0	0.18	ug/L			11/14/16 00:05	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: MB 480-331353/6

Matrix: Water

Analysis Batch: 331353

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.32	ug/L			11/14/16 00:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/14/16 00:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/14/16 00:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/14/16 00:05	1
Methyl acetate	ND		2.5	1.3	ug/L			11/14/16 00:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/14/16 00:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/14/16 00:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/16 00:05	1
Styrene	ND		1.0	0.73	ug/L			11/14/16 00:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/14/16 00:05	1
Toluene	ND		1.0	0.51	ug/L			11/14/16 00:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/14/16 00:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/14/16 00:05	1
Trichloroethene	ND		1.0	0.46	ug/L			11/14/16 00:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/14/16 00:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/14/16 00:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/14/16 00:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		11/14/16 00:05	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/14/16 00:05	1
Toluene-d8 (Surr)	100		80 - 120		11/14/16 00:05	1
Dibromofluoromethane (Surr)	100		75 - 123		11/14/16 00:05	1

Lab Sample ID: LCS 480-331353/4

Matrix: Water

Analysis Batch: 331353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	28.2		ug/L		113	73 - 126
1,1,1,2-Tetrachloroethane	25.0	25.7		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.7		ug/L		119	61 - 148
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122
1,1-Dichloroethane	25.0	27.4		ug/L		109	77 - 120
1,1-Dichloroethene	25.0	29.6		ug/L		118	66 - 127
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.1		ug/L		100	56 - 134
1,2-Dibromoethane	25.0	27.1		ug/L		108	77 - 120
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	25.7		ug/L		103	75 - 120
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 120
2-Butanone (MEK)	125	138		ug/L		110	57 - 140
2-Hexanone	125	141		ug/L		113	65 - 127
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		111	71 - 125
Acetone	125	146		ug/L		117	56 - 142

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: LCS 480-331353/4
Matrix: Water
Analysis Batch: 331353

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	27.6		ug/L		110	71 - 124
Bromodichloromethane	25.0	27.5		ug/L		110	80 - 122
Bromoform	25.0	27.7		ug/L		111	61 - 132
Bromomethane	25.0	32.1		ug/L		128	55 - 144
Carbon disulfide	25.0	28.7		ug/L		115	59 - 134
Carbon tetrachloride	25.0	28.4		ug/L		114	72 - 134
Chlorobenzene	25.0	27.2		ug/L		109	80 - 120
Chloroethane	25.0	28.2		ug/L		113	69 - 136
Chloroform	25.0	26.3		ug/L		105	73 - 127
Chloromethane	25.0	24.7		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	27.7		ug/L		111	74 - 124
cis-1,3-Dichloropropene	25.0	27.7		ug/L		111	74 - 124
Cyclohexane	25.0	28.6		ug/L		114	59 - 135
Dibromochloromethane	25.0	27.5		ug/L		110	75 - 125
Dichlorodifluoromethane	25.0	24.8		ug/L		99	59 - 135
Ethylbenzene	25.0	27.8		ug/L		111	77 - 123
Isopropylbenzene	25.0	26.9		ug/L		108	77 - 122
Methyl acetate	125	132		ug/L		106	74 - 133
Methyl tert-butyl ether	25.0	26.4		ug/L		105	77 - 120
Methylcyclohexane	25.0	28.8		ug/L		115	68 - 134
Methylene Chloride	25.0	26.8		ug/L		107	75 - 124
Styrene	25.0	27.7		ug/L		111	80 - 120
Tetrachloroethene	25.0	29.0		ug/L		116	74 - 122
Toluene	25.0	27.6		ug/L		110	80 - 122
trans-1,2-Dichloroethene	25.0	28.7		ug/L		115	73 - 127
trans-1,3-Dichloropropene	25.0	26.7		ug/L		107	80 - 120
Trichloroethene	25.0	27.3		ug/L		109	74 - 123
Trichlorofluoromethane	25.0	26.5		ug/L		106	62 - 150
Vinyl chloride	25.0	26.7		ug/L		107	65 - 133
Xylenes, Total	50.0	56.1		ug/L		112	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: 480-108915-3 MS
Matrix: Ground Water
Analysis Batch: 331353

Client Sample ID: BCC Area B RFI-28 MS_1116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		50.0	59.4		ug/L		119	73 - 126
1,1,2,2-Tetrachloroethane	ND		50.0	51.1		ug/L		102	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	62.3		ug/L		125	61 - 148
1,1,2-Trichloroethane	ND		50.0	52.8		ug/L		106	76 - 122
1,1-Dichloroethane	ND		50.0	56.4		ug/L		113	77 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MS

Client Sample ID: BCC Area B RFI-28 MS_1116

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 331353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		50.0	61.0		ug/L		122	66 - 127
1,2,4-Trichlorobenzene	4.1		50.0	54.1		ug/L		100	79 - 122
1,2-Dibromo-3-Chloropropane	ND		50.0	48.8		ug/L		98	56 - 134
1,2-Dibromoethane	ND		50.0	52.9		ug/L		106	77 - 120
1,2-Dichlorobenzene	3.4		50.0	55.0		ug/L		103	80 - 124
1,2-Dichloroethane	ND		50.0	53.4		ug/L		107	75 - 120
1,2-Dichloropropane	ND		50.0	55.3		ug/L		111	76 - 120
1,3-Dichlorobenzene	ND		50.0	51.0		ug/L		102	77 - 120
1,4-Dichlorobenzene	ND		50.0	51.0		ug/L		102	78 - 124
2-Butanone (MEK)	ND		250	272		ug/L		109	57 - 140
2-Hexanone	ND		250	280		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		250	273		ug/L		109	71 - 125
Acetone	ND		250	283		ug/L		113	56 - 142
Benzene	ND		50.0	56.9		ug/L		114	71 - 124
Bromodichloromethane	ND		50.0	56.8		ug/L		114	80 - 122
Bromoform	ND		50.0	53.1		ug/L		106	61 - 132
Bromomethane	ND		50.0	69.6		ug/L		139	55 - 144
Carbon disulfide	ND	F1	50.0	65.9		ug/L		132	59 - 134
Carbon tetrachloride	ND		50.0	59.6		ug/L		119	72 - 134
Chlorobenzene	ND		50.0	54.3		ug/L		109	80 - 120
Chloroethane	ND		50.0	60.7		ug/L		121	69 - 136
Chloroform	ND		50.0	54.6		ug/L		109	73 - 127
Chloromethane	ND	F1	50.0	62.8	F1	ug/L		126	68 - 124
cis-1,2-Dichloroethene	ND		50.0	57.1		ug/L		114	74 - 124
cis-1,3-Dichloropropene	ND		50.0	53.6		ug/L		107	74 - 124
Cyclohexane	ND		50.0	59.4		ug/L		119	59 - 135
Dibromochloromethane	ND		50.0	53.7		ug/L		107	75 - 125
Dichlorodifluoromethane	ND		50.0	50.0		ug/L		100	59 - 135
Ethylbenzene	ND		50.0	56.1		ug/L		112	77 - 123
Isopropylbenzene	ND		50.0	51.7		ug/L		103	77 - 122
Methyl acetate	ND		250	268		ug/L		107	74 - 133
Methyl tert-butyl ether	ND		50.0	52.6		ug/L		105	77 - 120
Methylcyclohexane	ND		50.0	58.8		ug/L		118	68 - 134
Methylene Chloride	ND		50.0	55.0		ug/L		110	75 - 124
Styrene	ND		50.0	50.5		ug/L		101	80 - 120
Tetrachloroethene	ND		50.0	57.5		ug/L		115	74 - 122
Toluene	ND		50.0	54.5		ug/L		109	80 - 122
trans-1,2-Dichloroethene	ND		50.0	59.9		ug/L		120	73 - 127
trans-1,3-Dichloropropene	ND		50.0	50.3		ug/L		101	80 - 120
Trichloroethene	ND		50.0	56.2		ug/L		112	74 - 123
Trichlorofluoromethane	ND		50.0	58.3		ug/L		117	62 - 150
Vinyl chloride	ND	F1	50.0	65.5		ug/L		131	65 - 133
Xylenes, Total	ND		100	112		ug/L		112	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	101		80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MS
Matrix: Ground Water
Analysis Batch: 331353

Client Sample ID: BCC Area B RFI-28 MS_1116
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	107		75 - 123

Lab Sample ID: 480-108915-3 MSD
Matrix: Ground Water
Analysis Batch: 331353

Client Sample ID: BCC Area B RFI-28 MSD_1116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		50.0	59.8		ug/L		120	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		50.0	52.3		ug/L		105	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	64.1		ug/L		128	61 - 148	3	20
1,1,2-Trichloroethane	ND		50.0	53.6		ug/L		107	76 - 122	2	15
1,1-Dichloroethane	ND		50.0	57.3		ug/L		115	77 - 120	2	20
1,1-Dichloroethene	ND		50.0	62.5		ug/L		125	66 - 127	2	16
1,2,4-Trichlorobenzene	4.1		50.0	54.9		ug/L		102	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		50.0	49.5		ug/L		99	56 - 134	1	15
1,2-Dibromoethane	ND		50.0	53.4		ug/L		107	77 - 120	1	15
1,2-Dichlorobenzene	3.4		50.0	54.5		ug/L		102	80 - 124	1	20
1,2-Dichloroethane	ND		50.0	53.5		ug/L		107	75 - 120	0	20
1,2-Dichloropropane	ND		50.0	56.1		ug/L		112	76 - 120	1	20
1,3-Dichlorobenzene	ND		50.0	50.6		ug/L		101	77 - 120	1	20
1,4-Dichlorobenzene	ND		50.0	51.2		ug/L		102	78 - 124	0	20
2-Butanone (MEK)	ND		250	282		ug/L		113	57 - 140	4	20
2-Hexanone	ND		250	290		ug/L		116	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		250	282		ug/L		113	71 - 125	3	35
Acetone	ND		250	287		ug/L		115	56 - 142	1	15
Benzene	ND		50.0	57.6		ug/L		115	71 - 124	1	13
Bromodichloromethane	ND		50.0	58.2		ug/L		116	80 - 122	2	15
Bromoform	ND		50.0	54.4		ug/L		109	61 - 132	2	15
Bromomethane	ND		50.0	68.5		ug/L		137	55 - 144	2	15
Carbon disulfide	ND	F1	50.0	67.6	F1	ug/L		135	59 - 134	3	15
Carbon tetrachloride	ND		50.0	60.8		ug/L		122	72 - 134	2	15
Chlorobenzene	ND		50.0	55.3		ug/L		111	80 - 120	2	25
Chloroethane	ND		50.0	61.9		ug/L		124	69 - 136	2	15
Chloroform	ND		50.0	55.0		ug/L		110	73 - 127	1	20
Chloromethane	ND	F1	50.0	64.1	F1	ug/L		128	68 - 124	2	15
cis-1,2-Dichloroethene	ND		50.0	57.4		ug/L		115	74 - 124	0	15
cis-1,3-Dichloropropene	ND		50.0	55.5		ug/L		111	74 - 124	4	15
Cyclohexane	ND		50.0	59.1		ug/L		118	59 - 135	0	20
Dibromochloromethane	ND		50.0	54.4		ug/L		109	75 - 125	1	15
Dichlorodifluoromethane	ND		50.0	55.4		ug/L		111	59 - 135	10	20
Ethylbenzene	ND		50.0	56.6		ug/L		113	77 - 123	1	15
Isopropylbenzene	ND		50.0	53.3		ug/L		107	77 - 122	3	20
Methyl acetate	ND		250	275		ug/L		110	74 - 133	3	20
Methyl tert-butyl ether	ND		50.0	54.7		ug/L		109	77 - 120	4	37
Methylcyclohexane	ND		50.0	60.3		ug/L		121	68 - 134	2	20
Methylene Chloride	ND		50.0	56.7		ug/L		113	75 - 124	3	15
Styrene	ND		50.0	50.4		ug/L		101	80 - 120	0	20

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MSD

Matrix: Ground Water

Analysis Batch: 331353

Client Sample ID: BCC Area B RFI-28 MSD_1116

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	ND		50.0	58.3		ug/L		117	74 - 122	1	20
Toluene	ND		50.0	55.8		ug/L		112	80 - 122	2	15
trans-1,2-Dichloroethene	ND		50.0	60.5		ug/L		121	73 - 127	1	20
trans-1,3-Dichloropropene	ND		50.0	51.5		ug/L		103	80 - 120	2	15
Trichloroethene	ND		50.0	58.5		ug/L		117	74 - 123	4	16
Trichlorofluoromethane	ND		50.0	59.9		ug/L		120	62 - 150	3	20
Vinyl chloride	ND	F1	50.0	70.5	F1	ug/L		141	65 - 133	7	15
Xylenes, Total	ND		100	114		ug/L		114	76 - 122	2	16
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	107		77 - 120								
4-Bromofluorobenzene (Surr)	105		73 - 120								
Toluene-d8 (Surr)	103		80 - 120								
Dibromofluoromethane (Surr)	108		75 - 123								

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

Lab Sample ID: MB 480-329771/1-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 329771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/16 15:03	11/08/16 19:15	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/16 15:03	11/08/16 19:15	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/16 15:03	11/08/16 19:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/16 15:03	11/08/16 19:15	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/16 15:03	11/08/16 19:15	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/16 15:03	11/08/16 19:15	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/16 15:03	11/08/16 19:15	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/16 15:03	11/08/16 19:15	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/16 15:03	11/08/16 19:15	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: MB 480-329771/1-A
Matrix: Water
Analysis Batch: 330403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		11/04/16 15:03	11/08/16 19:15	1
Anthracene	ND		5.0	0.28	ug/L		11/04/16 15:03	11/08/16 19:15	1
Atrazine	ND		5.0	0.46	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/16 15:03	11/08/16 19:15	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/16 15:03	11/08/16 19:15	1
Biphenyl	ND		5.0	0.65	ug/L		11/04/16 15:03	11/08/16 19:15	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/16 15:03	11/08/16 19:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/16 15:03	11/08/16 19:15	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/16 15:03	11/08/16 19:15	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
Carbazole	ND		5.0	0.30	ug/L		11/04/16 15:03	11/08/16 19:15	1
Chrysene	ND		5.0	0.33	ug/L		11/04/16 15:03	11/08/16 19:15	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/16 15:03	11/08/16 19:15	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/16 15:03	11/08/16 19:15	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/16 15:03	11/08/16 19:15	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/16 15:03	11/08/16 19:15	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/16 15:03	11/08/16 19:15	1
Fluorene	ND		5.0	0.36	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/16 15:03	11/08/16 19:15	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/16 15:03	11/08/16 19:15	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/16 15:03	11/08/16 19:15	1
Isophorone	ND		5.0	0.43	ug/L		11/04/16 15:03	11/08/16 19:15	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/16 15:03	11/08/16 19:15	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/16 15:03	11/08/16 19:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/16 15:03	11/08/16 19:15	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/16 15:03	11/08/16 19:15	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/16 15:03	11/08/16 19:15	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/16 15:03	11/08/16 19:15	1
Phenol	ND		5.0	0.39	ug/L		11/04/16 15:03	11/08/16 19:15	1
Pyrene	ND		5.0	0.34	ug/L		11/04/16 15:03	11/08/16 19:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		52 - 132	11/04/16 15:03	11/08/16 19:15	1
2-Fluorobiphenyl	73		48 - 120	11/04/16 15:03	11/08/16 19:15	1
2-Fluorophenol	51		20 - 120	11/04/16 15:03	11/08/16 19:15	1
Nitrobenzene-d5	72		46 - 120	11/04/16 15:03	11/08/16 19:15	1
Phenol-d5	41		16 - 120	11/04/16 15:03	11/08/16 19:15	1
p-Terphenyl-d14	84		67 - 150	11/04/16 15:03	11/08/16 19:15	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Lab Sample ID: LCS 480-329771/2-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Rec. Limits
2,4,5-Trichlorophenol	16.0	14.7		ug/L		92	65 - 126
2,4,6-Trichlorophenol	16.0	14.2		ug/L		89	64 - 120
2,4-Dichlorophenol	16.0	14.3		ug/L		90	63 - 120
2,4-Dimethylphenol	16.0	12.4		ug/L		78	47 - 120
2,4-Dinitrophenol	32.0	25.4		ug/L		80	31 - 137
2,4-Dinitrotoluene	16.0	13.3		ug/L		83	69 - 120
2,6-Dinitrotoluene	16.0	13.4		ug/L		84	68 - 120
2-Chloronaphthalene	16.0	13.8		ug/L		86	58 - 120
2-Chlorophenol	16.0	12.1		ug/L		75	48 - 120
2-Methylnaphthalene	16.0	13.3		ug/L		83	59 - 120
2-Methylphenol	16.0	11.6		ug/L		73	39 - 120
2-Nitroaniline	16.0	13.9		ug/L		87	54 - 127
2-Nitrophenol	16.0	13.8		ug/L		86	52 - 125
3,3'-Dichlorobenzidine	32.0	25.6		ug/L		80	49 - 135
3-Nitroaniline	16.0	10.6		ug/L		66	51 - 120
4,6-Dinitro-2-methylphenol	32.0	25.6		ug/L		80	46 - 136
4-Bromophenyl phenyl ether	16.0	14.1		ug/L		88	65 - 120
4-Chloro-3-methylphenol	16.0	14.8		ug/L		92	61 - 123
4-Chloroaniline	16.0	9.76		ug/L		61	30 - 120
4-Chlorophenyl phenyl ether	16.0	13.9		ug/L		87	62 - 120
4-Methylphenol	16.0	11.9		ug/L		74	29 - 131
4-Nitroaniline	16.0	13.1		ug/L		82	65 - 120
4-Nitrophenol	32.0	25.0		ug/L		78	45 - 120
Acenaphthene	16.0	13.1		ug/L		82	60 - 120
Acenaphthylene	16.0	12.7		ug/L		80	63 - 120
Acetophenone	16.0	12.6		ug/L		79	45 - 120
Aniline	16.0	5.06	J	ug/L		32	12 - 120
Anthracene	16.0	12.7		ug/L		79	67 - 120
Atrazine	32.0	30.7		ug/L		96	71 - 130
Benzaldehyde	32.0	18.6		ug/L		58	10 - 140
Benzo(a)anthracene	16.0	14.3		ug/L		89	70 - 121
Benzo(a)pyrene	16.0	13.6		ug/L		85	60 - 123
Benzo(b)fluoranthene	16.0	15.0		ug/L		94	66 - 126
Benzo(g,h,i)perylene	16.0	15.0		ug/L		94	66 - 150
Benzo(k)fluoranthene	16.0	14.0		ug/L		87	65 - 124
Biphenyl	16.0	13.6		ug/L		85	59 - 120
bis (2-chloroisopropyl) ether	16.0	11.0		ug/L		69	21 - 136
Bis(2-chloroethoxy)methane	16.0	12.6		ug/L		79	50 - 128
Bis(2-chloroethyl)ether	16.0	11.7		ug/L		73	44 - 120
Bis(2-ethylhexyl) phthalate	16.0	12.9		ug/L		80	63 - 139
Butyl benzyl phthalate	16.0	13.1		ug/L		82	70 - 129
Caprolactam	32.0	10.3		ug/L		32	22 - 120
Carbazole	16.0	15.1		ug/L		94	66 - 123
Chrysene	16.0	13.9		ug/L		87	69 - 120
Dibenz(a,h)anthracene	16.0	14.6		ug/L		91	65 - 135
Dibenzofuran	16.0	13.5		ug/L		84	66 - 120
Diethyl phthalate	16.0	14.3		ug/L		90	59 - 127
Dimethyl phthalate	16.0	14.1		ug/L		88	68 - 120
Di-n-butyl phthalate	16.0	13.9		ug/L		87	69 - 131
Di-n-octyl phthalate	16.0	13.2		ug/L		83	63 - 140

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: LCS 480-329771/2-A

Matrix: Water

Analysis Batch: 330403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Fluoranthene	16.0	15.0		ug/L		94		69 - 126
Fluorene	16.0	13.7		ug/L		85		66 - 120
Hexachlorobenzene	16.0	14.6		ug/L		92		61 - 120
Hexachlorobutadiene	16.0	14.0		ug/L		87		35 - 120
Hexachlorocyclopentadiene	16.0	11.8		ug/L		74		31 - 120
Hexachloroethane	16.0	10.8		ug/L		67		43 - 120
Indeno(1,2,3-cd)pyrene	16.0	13.1		ug/L		82		69 - 146
Isophorone	16.0	13.5		ug/L		85		55 - 120
Naphthalene	16.0	12.7		ug/L		80		57 - 120
Nitrobenzene	16.0	13.2		ug/L		83		53 - 123
N-Nitrosodi-n-propylamine	16.0	12.6		ug/L		79		32 - 140
N-Nitrosodiphenylamine	16.0	12.6		ug/L		79		61 - 120
Pentachlorophenol	32.0	17.2		ug/L		54		29 - 136
Phenanthrene	16.0	14.0		ug/L		87		68 - 120
Phenol	16.0	9.50		ug/L		59		17 - 120
Pyrene	16.0	13.5		ug/L		84		70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	87		52 - 132
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol	59		20 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	59		16 - 120
p-Terphenyl-d14	87		67 - 150

Lab Sample ID: 480-108915-3 MS

Matrix: Ground Water

Analysis Batch: 331483

Client Sample ID: BCC Area B RFI-28 MS_1116

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.	Limits
2,4,5-Trichlorophenol	ND		14.8	11.7		ug/L		79		65 - 126
2,4,6-Trichlorophenol	ND	F2	14.8	16.5		ug/L		112		64 - 120
2,4-Dichlorophenol	ND		14.8	13.6		ug/L		92		64 - 120
2,4-Dimethylphenol	ND		14.8	12.8		ug/L		87		57 - 120
2,4-Dinitrophenol	ND		29.6	26.5		ug/L		90		42 - 153
2,4-Dinitrotoluene	ND	F2 F1	14.8	2.31	J F1	ug/L		16		62 - 148
2,6-Dinitrotoluene	ND		14.8	11.6		ug/L		78		65 - 154
2-Chloronaphthalene	ND		14.8	11.8		ug/L		80		41 - 124
2-Chlorophenol	ND		14.8	11.9		ug/L		80		48 - 120
2-Methylnaphthalene	ND		14.8	12.5		ug/L		85		34 - 122
2-Methylphenol	ND		14.8	11.2		ug/L		76		39 - 120
2-Nitroaniline	ND		14.8	12.5		ug/L		84		67 - 136
2-Nitrophenol	ND		14.8	12.2		ug/L		83		59 - 120
3,3'-Dichlorobenzidine	ND		29.6	24.1		ug/L		81		33 - 140
3-Nitroaniline	ND	F1	14.8	9.94	F1	ug/L		67		69 - 129
4,6-Dinitro-2-methylphenol	ND		29.6	28.9		ug/L		98		64 - 159
4-Bromophenyl phenyl ether	ND	F1	14.8	11.6		ug/L		79		71 - 126
4-Chloro-3-methylphenol	ND		14.8	14.3		ug/L		97		64 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MS

Matrix: Ground Water

Analysis Batch: 331483

Client Sample ID: BCC Area B RFI-28 MS_1116

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Chloroaniline	4.6	F2 F1	14.8	16.9		ug/L		84	60 - 124
4-Chlorophenyl phenyl ether	ND	F2	14.8	14.2		ug/L		96	48 - 145
4-Methylphenol	ND		14.8	11.5		ug/L		78	36 - 120
4-Nitroaniline	ND		14.8	10.9		ug/L		74	64 - 135
4-Nitrophenol	ND		29.6	25.4		ug/L		86	16 - 120
Acenaphthene	ND		14.8	12.2		ug/L		82	60 - 120
Acenaphthylene	ND		14.8	11.9		ug/L		81	63 - 120
Acetophenone	ND	F2	14.8	12.5		ug/L		84	45 - 120
Aniline	4.0	J F2	14.8	15.8		ug/L		80	37 - 120
Anthracene	ND		14.8	11.4		ug/L		77	58 - 148
Atrazine	ND		29.6	19.0		ug/L		64	56 - 179
Benzaldehyde	ND		29.6	10.3		ug/L		35	30 - 140
Benzo(a)anthracene	ND		14.8	13.2		ug/L		89	55 - 151
Benzo(a)pyrene	ND		14.8	12.5		ug/L		85	60 - 145
Benzo(b)fluoranthene	ND		14.8	12.9		ug/L		87	54 - 140
Benzo(g,h,i)perylene	ND		14.8	13.5		ug/L		91	66 - 152
Benzo(k)fluoranthene	ND		14.8	12.2		ug/L		83	51 - 153
Biphenyl	ND		14.8	11.9		ug/L		81	30 - 140
bis (2-chloroisopropyl) ether	ND	F2	14.8	9.29		ug/L		63	28 - 136
Bis(2-chloroethoxy)methane	ND		14.8	11.4		ug/L		77	50 - 128
Bis(2-chloroethyl)ether	ND	F2	14.8	10.3		ug/L		70	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F2	14.8	11.3		ug/L		76	53 - 158
Butyl benzyl phthalate	ND		14.8	13.1		ug/L		88	58 - 163
Caprolactam	ND	F1	29.6	9.07		ug/L		31	30 - 140
Carbazole	ND	F2	14.8	15.7		ug/L		106	59 - 148
Chrysene	ND		14.8	12.5		ug/L		84	69 - 140
Dibenz(a,h)anthracene	ND	F2	14.8	12.8		ug/L		86	57 - 158
Dibenzofuran	ND	F2	14.8	12.5		ug/L		84	49 - 137
Diethyl phthalate	ND		14.8	9.99		ug/L		68	59 - 146
Dimethyl phthalate	ND		14.8	11.4		ug/L		77	59 - 141
Di-n-butyl phthalate	ND		14.8	13.1		ug/L		88	58 - 149
Di-n-octyl phthalate	ND	F2	14.8	10.9		ug/L		74	55 - 167
Fluoranthene	ND		14.8	13.6		ug/L		92	55 - 147
Fluorene	ND	F2	14.8	16.2		ug/L		110	55 - 143
Hexachlorobenzene	ND	F2	14.8	13.8		ug/L		93	38 - 131
Hexachlorobutadiene	ND		14.8	13.3		ug/L		90	14 - 130
Hexachlorocyclopentadiene	ND		14.8	9.00		ug/L		61	13 - 130
Hexachloroethane	ND		14.8	10.7		ug/L		72	14 - 130
Indeno(1,2,3-cd)pyrene	ND		14.8	12.8		ug/L		87	69 - 146
Isophorone	ND	F2	14.8	14.3		ug/L		97	48 - 133
Naphthalene	0.94	J	14.8	12.3		ug/L		77	35 - 130
Nitrobenzene	ND		14.8	12.0		ug/L		81	45 - 123
N-Nitrosodi-n-propylamine	ND		14.8	11.4		ug/L		77	56 - 120
N-Nitrosodiphenylamine	2.5	J	14.8	12.9		ug/L		70	25 - 125
Pentachlorophenol	ND		29.6	32.8		ug/L		111	39 - 136
Phenanthrene	ND		14.8	12.2		ug/L		82	57 - 147
Phenol	ND	F2	14.8	11.5		ug/L		78	17 - 120
Pyrene	ND		14.8	13.8		ug/L		93	58 - 136

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MS
Matrix: Ground Water
Analysis Batch: 331483

Client Sample ID: BCC Area B RFI-28 MS_1116
Prep Type: Total/NA
Prep Batch: 329771

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	85		52 - 132
2-Fluorobiphenyl	80		48 - 120
2-Fluorophenol	61		20 - 120
Nitrobenzene-d5	80		46 - 120
Phenol-d5	60		16 - 120
p-Terphenyl-d14	84		67 - 150

Lab Sample ID: 480-108915-3 MSD
Matrix: Ground Water
Analysis Batch: 331483

Client Sample ID: BCC Area B RFI-28 MSD_1116
Prep Type: Total/NA
Prep Batch: 329771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		14.8	10.2		ug/L		69	65 - 126	14	18
2,4,6-Trichlorophenol	ND	F2	14.8	13.4	F2	ug/L		90	64 - 120	21	19
2,4-Dichlorophenol	ND		14.8	11.4		ug/L		77	64 - 120	17	19
2,4-Dimethylphenol	ND		14.8	10.6		ug/L		72	57 - 120	19	42
2,4-Dinitrophenol	ND		29.5	27.0		ug/L		91	42 - 153	2	22
2,4-Dinitrotoluene	ND	F2 F1	14.8	8.35	F1 F2	ug/L		57	62 - 148	113	20
2,6-Dinitrotoluene	ND		14.8	11.6		ug/L		79	65 - 154	0	15
2-Chloronaphthalene	ND		14.8	10.5		ug/L		71	41 - 124	11	21
2-Chlorophenol	ND		14.8	9.66		ug/L		65	48 - 120	21	25
2-Methylnaphthalene	ND		14.8	10.2		ug/L		69	34 - 122	21	21
2-Methylphenol	ND		14.8	8.88		ug/L		60	39 - 120	23	27
2-Nitroaniline	ND		14.8	10.7		ug/L		73	67 - 136	15	15
2-Nitrophenol	ND		14.8	10.4		ug/L		71	59 - 120	16	18
3,3'-Dichlorobenzidine	ND		29.5	20.3		ug/L		69	33 - 140	17	25
3-Nitroaniline	ND	F1	14.8	8.62	J F1	ug/L		58	69 - 129	14	19
4,6-Dinitro-2-methylphenol	ND		29.5	25.1		ug/L		85	64 - 159	14	15
4-Bromophenyl phenyl ether	ND	F1	14.8	10.4	F1	ug/L		70	71 - 126	11	15
4-Chloro-3-methylphenol	ND		14.8	11.1		ug/L		75	64 - 120	25	27
4-Chloroaniline	4.6	F2 F1	14.8	13.1	F1 F2	ug/L		57	60 - 124	26	22
4-Chlorophenyl phenyl ether	ND	F2	14.8	10.9	F2	ug/L		74	48 - 145	26	16
4-Methylphenol	ND		14.8	9.39		ug/L		64	36 - 120	20	24
4-Nitroaniline	ND		14.8	10.3		ug/L		70	64 - 135	6	24
4-Nitrophenol	ND		29.5	22.0		ug/L		74	16 - 120	15	48
Acenaphthene	ND		14.8	10.0		ug/L		68	60 - 120	19	24
Acenaphthylene	ND		14.8	10.1		ug/L		69	63 - 120	16	18
Acetophenone	ND	F2	14.8	9.45	F2	ug/L		64	45 - 120	28	20
Aniline	4.0	J F2	14.8	9.49	F2	ug/L		37	37 - 120	50	30
Anthracene	ND		14.8	10.7		ug/L		73	58 - 148	7	15
Atrazine	ND		29.5	18.5		ug/L		63	56 - 179	2	20
Benzaldehyde	ND		29.5	11.3		ug/L		38	30 - 140	9	20
Benzo(a)anthracene	ND		14.8	12.2		ug/L		83	55 - 151	7	15
Benzo(a)pyrene	ND		14.8	11.1		ug/L		75	60 - 145	12	15
Benzo(b)fluoranthene	ND		14.8	11.1		ug/L		75	54 - 140	15	15
Benzo(g,h,i)perylene	ND		14.8	12.0		ug/L		81	66 - 152	12	15
Benzo(k)fluoranthene	ND		14.8	10.8		ug/L		73	51 - 153	13	22
Biphenyl	ND		14.8	10.1		ug/L		68	30 - 140	17	20

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MSD

Matrix: Ground Water

Analysis Batch: 331483

Client Sample ID: BCC Area B RFI-28 MSD_1116

Prep Type: Total/NA

Prep Batch: 329771

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
bis (2-chloroisopropyl) ether	ND	F2	14.8	6.96	F2	ug/L		47	28 - 136	29	24
Bis(2-chloroethoxy)methane	ND		14.8	9.83		ug/L		67	50 - 128	15	17
Bis(2-chloroethyl)ether	ND	F2	14.8	8.25	F2	ug/L		56	51 - 120	22	21
Bis(2-ethylhexyl) phthalate	ND	F2	14.8	8.94	F2	ug/L		61	53 - 158	23	15
Butyl benzyl phthalate	ND		14.8	11.7		ug/L		79	58 - 163	11	16
Caprolactam	ND	F1	29.5	7.87	F1	ug/L		27	30 - 140	14	20
Carbazole	ND	F2	14.8	12.6	F2	ug/L		85	59 - 148	22	20
Chrysene	ND		14.8	11.2		ug/L		76	69 - 140	11	15
Dibenz(a,h)anthracene	ND	F2	14.8	10.6	F2	ug/L		72	57 - 158	18	15
Dibenzofuran	ND	F2	14.8	10.3	F2	ug/L		70	49 - 137	19	15
Diethyl phthalate	ND		14.8	10.1		ug/L		69	59 - 146	1	15
Dimethyl phthalate	ND		14.8	11.5		ug/L		78	59 - 141	0	15
Di-n-butyl phthalate	ND		14.8	11.8		ug/L		80	58 - 149	10	15
Di-n-octyl phthalate	ND	F2	14.8	9.16	F2	ug/L		62	55 - 167	18	16
Fluoranthene	ND		14.8	11.7		ug/L		80	55 - 147	14	15
Fluorene	ND	F2	14.8	13.1	F2	ug/L		89	55 - 143	22	15
Hexachlorobenzene	ND	F2	14.8	11.7	F2	ug/L		79	38 - 131	16	15
Hexachlorobutadiene	ND		14.8	10.7		ug/L		72	14 - 130	22	44
Hexachlorocyclopentadiene	ND		14.8	8.27		ug/L		56	13 - 130	9	49
Hexachloroethane	ND		14.8	7.90		ug/L		53	14 - 130	30	46
Indeno(1,2,3-cd)pyrene	ND		14.8	11.0		ug/L		75	69 - 146	15	15
Isophorone	ND	F2	14.8	10.6	F2	ug/L		72	48 - 133	30	17
Naphthalene	0.94	J	14.8	11.1		ug/L		69	35 - 130	11	29
Nitrobenzene	ND		14.8	9.96		ug/L		67	45 - 123	19	24
N-Nitrosodi-n-propylamine	ND		14.8	9.21		ug/L		62	56 - 120	21	31
N-Nitrosodiphenylamine	2.5	J	14.8	12.0		ug/L		64	25 - 125	7	15
Pentachlorophenol	ND		29.5	29.7		ug/L		101	39 - 136	10	37
Phenanthrene	ND		14.8	12.5		ug/L		84	57 - 147	2	15
Phenol	ND	F2	14.8	7.40	F2	ug/L		50	17 - 120	43	34
Pyrene	ND		14.8	12.4		ug/L		84	58 - 136	10	19

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2,4,6-Tribromophenol	80		52 - 132
2-Fluorobiphenyl	68		48 - 120
2-Fluorophenol	50		20 - 120
Nitrobenzene-d5	66		46 - 120
Phenol-d5	46		16 - 120
p-Terphenyl-d14	78		67 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-329577/1-A

Matrix: Water

Analysis Batch: 330176

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 329577

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		11/04/16 07:31	11/07/16 09:34	1
Antimony	ND		0.020	0.0068	mg/L		11/04/16 07:31	11/07/16 09:34	1

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: MB 480-329577/1-A
Matrix: Water
Analysis Batch: 330176

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		11/04/16 07:31	11/07/16 09:34	1
Barium	ND		0.0020	0.00070	mg/L		11/04/16 07:31	11/07/16 09:34	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/16 07:31	11/07/16 09:34	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/16 07:31	11/07/16 09:34	1
Calcium	ND		0.50	0.10	mg/L		11/04/16 07:31	11/07/16 09:34	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/16 07:31	11/07/16 09:34	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/16 07:31	11/07/16 09:34	1
Copper	ND		0.010	0.0016	mg/L		11/04/16 07:31	11/07/16 09:34	1
Iron	ND		0.050	0.019	mg/L		11/04/16 07:31	11/07/16 09:34	1
Lead	ND		0.010	0.0030	mg/L		11/04/16 07:31	11/07/16 09:34	1
Magnesium	ND		0.20	0.043	mg/L		11/04/16 07:31	11/07/16 09:34	1
Manganese	0.000980	J	0.0030	0.00040	mg/L		11/04/16 07:31	11/07/16 09:34	1
Nickel	ND		0.010	0.0013	mg/L		11/04/16 07:31	11/07/16 09:34	1
Potassium	ND		0.50	0.10	mg/L		11/04/16 07:31	11/07/16 09:34	1
Selenium	ND		0.025	0.0087	mg/L		11/04/16 07:31	11/07/16 09:34	1
Silver	ND		0.0060	0.0017	mg/L		11/04/16 07:31	11/07/16 09:34	1
Sodium	ND		1.0	0.32	mg/L		11/04/16 07:31	11/07/16 09:34	1
Thallium	ND		0.020	0.010	mg/L		11/04/16 07:31	11/07/16 09:34	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/16 07:31	11/07/16 09:34	1
Zinc	ND		0.010	0.0015	mg/L		11/04/16 07:31	11/07/16 09:34	1

Lab Sample ID: LCS 480-329577/2-A
Matrix: Water
Analysis Batch: 330176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	10.0	9.74		mg/L		97	80 - 120
Antimony	0.200	0.208		mg/L		104	80 - 120
Arsenic	0.200	0.206		mg/L		103	80 - 120
Barium	0.200	0.199		mg/L		100	80 - 120
Beryllium	0.200	0.194		mg/L		97	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Calcium	10.0	9.73		mg/L		97	80 - 120
Chromium	0.200	0.206		mg/L		103	80 - 120
Cobalt	0.200	0.189		mg/L		94	80 - 120
Copper	0.200	0.185		mg/L		93	80 - 120
Iron	10.0	10.45		mg/L		105	80 - 120
Lead	0.200	0.210		mg/L		105	80 - 120
Magnesium	10.0	10.14		mg/L		101	80 - 120
Manganese	0.200	0.208		mg/L		104	80 - 120
Nickel	0.200	0.195		mg/L		97	80 - 120
Potassium	10.0	10.09		mg/L		101	80 - 120
Selenium	0.200	0.208		mg/L		104	80 - 120
Silver	0.0500	0.0503		mg/L		101	80 - 120
Sodium	10.0	9.97		mg/L		100	80 - 120
Thallium	0.200	0.203		mg/L		101	80 - 120
Vanadium	0.200	0.204		mg/L		102	80 - 120
Zinc	0.200	0.208		mg/L		104	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MS

Matrix: Ground Water

Analysis Batch: 330176

Client Sample ID: BCC Area B RFI-28 MS_1116

Prep Type: Total/NA

Prep Batch: 329577

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aluminum	ND		10.0	9.72		mg/L		97	75 - 125
Antimony	ND		0.200	0.215		mg/L		107	75 - 125
Arsenic	0.047		0.200	0.271		mg/L		112	75 - 125
Barium	0.035		0.200	0.230		mg/L		97	75 - 125
Beryllium	ND		0.200	0.197		mg/L		98	75 - 125
Cadmium	ND		0.200	0.210		mg/L		105	75 - 125
Calcium	161		10.0	168.5	4	mg/L		78	75 - 125
Chromium	0.0050		0.200	0.215		mg/L		105	75 - 125
Cobalt	ND		0.200	0.201		mg/L		100	75 - 125
Iron	0.084		10.0	10.75		mg/L		107	75 - 125
Lead	ND		0.200	0.224		mg/L		112	75 - 125
Magnesium	14.5		10.0	23.92		mg/L		95	75 - 125
Manganese	0.16	B	0.200	0.356		mg/L		99	75 - 125
Nickel	0.0015	J	0.200	0.209		mg/L		104	75 - 125
Selenium	ND		0.200	0.205		mg/L		103	75 - 125
Silver	ND		0.0500	0.0527		mg/L		105	75 - 125
Thallium	ND		0.200	0.207		mg/L		103	75 - 125
Vanadium	0.015		0.200	0.226		mg/L		106	75 - 125
Zinc	0.0024	J	0.200	0.215		mg/L		106	75 - 125

Lab Sample ID: 480-108915-3 MS

Matrix: Ground Water

Analysis Batch: 330538

Client Sample ID: BCC Area B RFI-28 MS_1116

Prep Type: Total/NA

Prep Batch: 329577

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Copper	ND		0.200	0.224		mg/L		112	75 - 125
Potassium	7.4		10.0	17.84		mg/L		105	75 - 125
Sodium	360		10.0	367.2	4	mg/L		70	75 - 125

Lab Sample ID: 480-108915-3 MSD

Matrix: Ground Water

Analysis Batch: 330176

Client Sample ID: BCC Area B RFI-28 MSD_1116

Prep Type: Total/NA

Prep Batch: 329577

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	
	Result	Qualifier		Result	Qualifier					RPD	Limit
Aluminum	ND		10.0	9.61		mg/L		96	75 - 125	1	20
Antimony	ND		0.200	0.213		mg/L		106	75 - 125	1	20
Arsenic	0.047		0.200	0.266		mg/L		110	75 - 125	2	20
Barium	0.035		0.200	0.228		mg/L		96	75 - 125	1	20
Beryllium	ND		0.200	0.194		mg/L		97	75 - 125	1	20
Cadmium	ND		0.200	0.207		mg/L		104	75 - 125	1	20
Calcium	161		10.0	167.5	4	mg/L		67	75 - 125	1	20
Chromium	0.0050		0.200	0.213		mg/L		104	75 - 125	1	20
Cobalt	ND		0.200	0.198		mg/L		99	75 - 125	1	20
Iron	0.084		10.0	10.57		mg/L		105	75 - 125	2	20
Lead	ND		0.200	0.219		mg/L		110	75 - 125	2	20
Magnesium	14.5		10.0	23.82		mg/L		94	75 - 125	0	20
Manganese	0.16	B	0.200	0.352		mg/L		97	75 - 125	1	20
Nickel	0.0015	J	0.200	0.206		mg/L		102	75 - 125	1	20

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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

Lab Sample ID: 480-108915-3 MSD
Matrix: Ground Water
Analysis Batch: 330176

Client Sample ID: BCC Area B RFI-28 MSD_1116
Prep Type: Total/NA
Prep Batch: 329577

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Selenium	ND		0.200	0.203		mg/L		102		75 - 125	1	20
Silver	ND		0.0500	0.0528		mg/L		106		75 - 125	0	20
Thallium	ND		0.200	0.204		mg/L		102		75 - 125	1	20
Vanadium	0.015		0.200	0.224		mg/L		105		75 - 125	1	20
Zinc	0.0024	J	0.200	0.212		mg/L		105		75 - 125	1	20

Lab Sample ID: 480-108915-3 MSD
Matrix: Ground Water
Analysis Batch: 330538

Client Sample ID: BCC Area B RFI-28 MSD_1116
Prep Type: Total/NA
Prep Batch: 329577

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Copper	ND		0.200	0.221		mg/L		110		75 - 125	1	20
Potassium	7.4		10.0	18.06		mg/L		107		75 - 125	1	20
Sodium	360		10.0	371.1	4	mg/L		109		75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-329676/1-A
Matrix: Water
Analysis Batch: 329803

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329676

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Mercury	ND		0.00020	0.00012	mg/L		11/04/16 09:25	11/04/16 15:56		1

Lab Sample ID: LCS 480-329676/2-A
Matrix: Water
Analysis Batch: 329803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329676

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Added	Result					
Mercury	0.00667	0.00678		mg/L		102		80 - 120

Lab Sample ID: 480-108915-3 MS
Matrix: Ground Water
Analysis Batch: 329803

Client Sample ID: BCC Area B RFI-28 MS_1116
Prep Type: Total/NA
Prep Batch: 329676

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Mercury	ND		0.00667	0.00695		mg/L		104		80 - 120

Lab Sample ID: 480-108915-3 MSD
Matrix: Ground Water
Analysis Batch: 329803

Client Sample ID: BCC Area B RFI-28 MSD_1116
Prep Type: Total/NA
Prep Batch: 329676

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Mercury	ND		0.00667	0.00687		mg/L		103		80 - 120	1	20

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

GC/MS VOA

Analysis Batch: 331306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	8260C	
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	8260C	
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	8260C	
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	8260C	
480-108915-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-331306/7	Method Blank	Total/NA	Water	8260C	
LCS 480-331306/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 331353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	8260C	
MB 480-331353/6	Method Blank	Total/NA	Water	8260C	
LCS 480-331353/4	Lab Control Sample	Total/NA	Water	8260C	
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	8260C	
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 329771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	3510C	
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	3510C	
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	3510C	
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	3510C	
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	3510C	
MB 480-329771/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-329771/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	3510C	
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	3510C	

Analysis Batch: 330403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	8270D	329771
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	8270D	329771
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	8270D	329771
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	8270D	329771
MB 480-329771/1-A	Method Blank	Total/NA	Water	8270D	329771
LCS 480-329771/2-A	Lab Control Sample	Total/NA	Water	8270D	329771

Analysis Batch: 331483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	8270D	329771
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	8270D	329771
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	8270D	329771

Metals

Prep Batch: 329577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	3005A	

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Metals (Continued)

Prep Batch: 329577 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	3005A	
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	3005A	
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	3005A	
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	3005A	
MB 480-329577/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-329577/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	3005A	
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	3005A	

Prep Batch: 329676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	7470A	
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	7470A	
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	7470A	
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	7470A	
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	7470A	
MB 480-329676/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-329676/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	7470A	
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	7470A	

Analysis Batch: 329803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	7470A	329676
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	7470A	329676
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	7470A	329676
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	7470A	329676
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	7470A	329676
MB 480-329676/1-A	Method Blank	Total/NA	Water	7470A	329676
LCS 480-329676/2-A	Lab Control Sample	Total/NA	Water	7470A	329676
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	7470A	329676
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	7470A	329676

Analysis Batch: 330176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	6010C	329577
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	6010C	329577
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	6010C	329577
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	6010C	329577
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	6010C	329577
MB 480-329577/1-A	Method Blank	Total/NA	Water	6010C	329577
LCS 480-329577/2-A	Lab Control Sample	Total/NA	Water	6010C	329577
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	6010C	329577
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	6010C	329577

Analysis Batch: 330538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-1	BCC Area B RFI-18_1116	Total/NA	Ground Water	6010C	329577
480-108915-2	BCC Area B RFI-27_1116	Total/NA	Ground Water	6010C	329577
480-108915-3	BCC Area B RFI-28_1116	Total/NA	Ground Water	6010C	329577
480-108915-4	BCC Area B RFI-30_1116	Total/NA	Ground Water	6010C	329577

TestAmerica Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Metals (Continued)

Analysis Batch: 330538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-108915-5	BCC Area B RFI-28 D_1116	Total/NA	Ground Water	6010C	329577
480-108915-3 MS	BCC Area B RFI-28 MS_1116	Total/NA	Ground Water	6010C	329577
480-108915-3 MSD	BCC Area B RFI-28 MSD_1116	Total/NA	Ground Water	6010C	329577

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Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-18_1116
Date Collected: 11/02/16 15:05
Date Received: 11/02/16 16:15

Lab Sample ID: 480-108915-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331306	11/13/16 15:38	JWG	TAL BUF
Total/NA	Prep	3510C			329771	11/04/16 15:03	ARS	TAL BUF
Total/NA	Analysis	8270D		1	330403	11/08/16 22:18	DMR	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330176	11/07/16 10:22	SLB	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330538	11/08/16 19:27	SLB	TAL BUF
Total/NA	Prep	7470A			329676	11/04/16 09:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	329803	11/04/16 16:27	RMZ	TAL BUF

Client Sample ID: BCC Area B RFI-27_1116
Date Collected: 11/02/16 11:10
Date Received: 11/02/16 16:15

Lab Sample ID: 480-108915-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	331306	11/13/16 16:02	JWG	TAL BUF
Total/NA	Prep	3510C			329771	11/04/16 15:03	ARS	TAL BUF
Total/NA	Analysis	8270D		1	330403	11/08/16 22:48	DMR	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330176	11/07/16 10:36	SLB	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330538	11/08/16 19:31	SLB	TAL BUF
Total/NA	Prep	7470A			329676	11/04/16 09:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	329803	11/04/16 16:28	RMZ	TAL BUF

Client Sample ID: BCC Area B RFI-28_1116
Date Collected: 11/02/16 12:12
Date Received: 11/02/16 16:15

Lab Sample ID: 480-108915-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	331353	11/14/16 01:09	RJF	TAL BUF
Total/NA	Prep	3510C			329771	11/04/16 15:03	ARS	TAL BUF
Total/NA	Analysis	8270D		1	331483	11/14/16 18:19	DMR	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330176	11/07/16 10:39	SLB	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330538	11/08/16 19:48	SLB	TAL BUF
Total/NA	Prep	7470A			329676	11/04/16 09:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	329803	11/04/16 16:33	RMZ	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
 Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Client Sample ID: BCC Area B RFI-30_1116

Lab Sample ID: 480-108915-4

Date Collected: 11/02/16 14:10

Matrix: Ground Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331306	11/13/16 16:26	JWG	TAL BUF
Total/NA	Prep	3510C			329771	11/04/16 15:03	ARS	TAL BUF
Total/NA	Analysis	8270D		1	330403	11/09/16 02:54	DMR	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330176	11/07/16 10:56	SLB	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330538	11/08/16 20:05	SLB	TAL BUF
Total/NA	Prep	7470A			329676	11/04/16 09:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	329803	11/04/16 16:40	RMZ	TAL BUF

Client Sample ID: BCC Area B RFI-28 D_1116

Lab Sample ID: 480-108915-5

Date Collected: 11/02/16 12:25

Matrix: Ground Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	331306	11/13/16 16:50	JWG	TAL BUF
Total/NA	Prep	3510C			329771	11/04/16 15:03	ARS	TAL BUF
Total/NA	Analysis	8270D		1	330403	11/09/16 02:22	DMR	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330176	11/07/16 11:00	SLB	TAL BUF
Total/NA	Prep	3005A			329577	11/04/16 07:31	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	330538	11/08/16 20:09	SLB	TAL BUF
Total/NA	Prep	7470A			329676	11/04/16 09:25	RMZ	TAL BUF
Total/NA	Analysis	7470A		1	329803	11/04/16 16:42	RMZ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-108915-6

Date Collected: 11/02/16 00:00

Matrix: Water

Date Received: 11/02/16 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	331306	11/13/16 17:14	JWG	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

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

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Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-108915-1

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 Area B Wells

TestAmerica Job ID: 480-108915-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-108915-1	BCC Area B RFI-18_1116	Ground Water	11/02/16 15:05	11/02/16 16:15
480-108915-2	BCC Area B RFI-27_1116	Ground Water	11/02/16 11:10	11/02/16 16:15
480-108915-3	BCC Area B RFI-28_1116	Ground Water	11/02/16 12:12	11/02/16 16:15
480-108915-4	BCC Area B RFI-30_1116	Ground Water	11/02/16 14:10	11/02/16 16:15
480-108915-5	BCC Area B RFI-28 D_1116	Ground Water	11/02/16 12:25	11/02/16 16:15
480-108915-6	TRIP BLANK	Water	11/02/16 00:00	11/02/16 16:15

TestAmerica Laboratories, Inc.

Client Contact Ontario Specialty Contracting Inc. 333 Ganson Street Buffalo, NY, 14203 716-856-3333 Phone 716-842-1630 FAX		Project Manager: Schove, John Tel/Fax: (716) 912-9926		Site Contact: Tom Wagner Lab Contact: Schove, John		Date: 11-2-16 Carrier: OSC	
Project Name: Buffalo Color Area B Wells Site: HoneyWell Buffalo Color - NYG915230 EIM SITE ID - 37745 PO# 59287		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		SDG No. 480-108915 COC		COC No. 48003159 OH I of I COCs Job No. 0913-OMMI	
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# or Cont.	Sample Specific Notes:
BCC_Area B_RFI-18_1116		11/2-16	1505	G	W	6	
BCC_Area B_RFI-27_1116		11/2-16	1110	G	W	6	
BCC_Area B_RFI-28_1116		11/2-16	1212	G	W	6	
BCC_Area B_RFI-30_1116		11/2-16	1410	G	W	6	
BCC_Area B_RFI-28_D-1116		11/2-16	1225	G	W	6	
BCC_Area B_RFI-28_MS-1116		11/2-16	1240	G	W	6	
BCC_Area B_RFI-28_MSD-1116		11/2-16	1255	G	W	6	
Trip Blank		N/A	N/A	N/A	N/A	2	
Container Volume (ml)		40	250	2-7	4-7	1-A	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other		Possible Hazard Identification		Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Special Instructions/QC Requirements & Comments:		Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/>		Received by: <i>Tom Wagner</i>		Date/Time: 11-2-16 1615	
Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Val		Relinquished by: <i>Tom Wagner</i>		Received by: <i>Tom Wagner</i>		Date/Time: 11-2-16 1615	
Relinquished by:		Company:		Received by:		Date/Time:	
Relinquished by:		Company:		Received by:		Date/Time:	

3-2 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-108915-1

Login Number: 108915

List Number: 1

Creator: Conway, Curtis R

List Source: TestAmerica Buffalo

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



ATTACHMENT I
GROUNDWATER SAMPLE LOGS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA_A_ICM-101_0616	ONTARIO SPECIALTY CONTRACTING, INC.	
WELL ID	ICM-101	SAMPLE EVENT	AREA_A_2Q2016	SAMPLE DATE	6/2/2016
TIME	START 11:50 AM END 12:40 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS		MEASUREMENT POINT		NAPL REMOVAL METHOD	
STATIC DEPTH TO WATER	12.52 FT	<input checked="" type="checkbox"/> TOP OF WELL RISER		<input type="checkbox"/> BAILER	
WELL DEPTH	20.0 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	10.0 FT	MEASUREMENT POINT ELEVATION	586.214 FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
TOTAL VOL. PURGED	0.211 GAL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	Even IN	NAPL VOL. REMOVED	
		WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
		TIME OF SAMPLE COLLECTION	12:25 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
12:15		13.31	160	18.36	2.570	7.12	0.00	7.30	-120.0	
12:16	0.042	13.32	160	18.30	2.590	7.10	0.00	8.00	-135.0	
12:18	0.085	13.34	160	18.40	2.600	7.10	0.00	8.90	-143.0	
12:20	0.085	13.36	160	18.54	2.600	7.10	0.00	9.60	-149.0	

EQUIPMENT DOCUMENTATION			
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 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	COMMENTS
PURGE WATER CONTAINERIZED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Black, dark particulates
NUMBER OF GALLONS GENERATED <input type="text" value="0.211"/>	

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.A_RFI-26_0616
 WELL ID: RFI-26 SAMPLE EVENT: AREA.A_2Q2016
 TIME: START 12:50 PM END 1:25 PM JOB NUMBER: 16011
 ONTARIO SPECIALTY CONTRACTING, INC. SAMPLE DATE: 6/2/2016
 SAMPLER: Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 14.70 FT
 WELL DEPTH: 36.0 FT
 WELL DIAMETER: 2.0 IN
 SCREEN LENGTH: 10.0 FT
 TOTAL VOL. PURGED: 0.174 GAL

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 OTHER

MEASUREMENT POINT ELEVATION: 587.279 FASL
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.78 IN
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES NO
 TIME OF SAMPLE COLLECTION: 1:15 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
13:03		14.86	165	15.84	0.342	7.42	0.00	0.10	-54.0	
13:05	0.087	14.87	165	15.66	0.345	7.45	0.00	0.00	-89.0	
13:06	0.044	14.88	165	15.47	0.345	7.45	0.00	0.00	-101.0	
13:07	0.044	14.88	165	15.21	0.346	7.47	0.00	0.00	-106.0	

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)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES NO NUMBER OF GALLONS GENERATED: 0.174

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

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
15:20		11.84	165	11.45	11.400	6.37	0.00	898.20	109.0	Cloudy; Filter sample
15:52	1.395	11.92	165	11.58	11.400	6.36	0.00	94.40	98.0	
15:53	0.044	11.98	165	11.57	11.400	6.36	0.00	85.80	90.0	
15:54	0.044	12.03	165	11.47	11.500	6.35	0.00	86.70	83.0	

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	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

Thomas B. Wagner

SIGNATURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT **SAMPLE ID**
WELL ID **SAMPLE EVENT** **ONTARIO SPECIALTY CONTRACTING, INC.**
TIME **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
12:53		9.73	165	17.71	9.070	6.41	0.00	43.10	21.0	
12:55	0.087	9.99	165	16.90	8.730	6.41	0.00	46.00	-2.0	
12:56	0.044	10.19	165	16.73	8.340	6.42	0.00	44.60	-20.0	
12:58	0.087	10.42	165	16.58	7.740	6.43	0.00	44.30	-29.0	
12:59	0.044	10.62	165	16.34	7.500	6.44	0.00	41.4	-34.0	

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	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)
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

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
13:40		9.94	165	22.52	9.570	6.11	0.00	19.80	-61.0	
13:42	0.087	10.14	165	21.73	10.000	6.10	0.00	22.30	-63.0	
13:44	0.087	10.30	165	21.47	10.000	6.10	0.00	19.50	-66.0	
13:45	0.044	10.48	165	21.32	9.970	6.10	0.00	19.50	-66.0	

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 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 type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input 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 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

D, MS, MSD

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-18
 TIME: START 2:33 PM END 3:10 PM
 SAMPLE ID: BCC_AREA.B_RFI-18_1116
 SAMPLE EVENT: AREA.B_4Q2016
 JOB NUMBER: 16011
 ONTARIO SPECIALTY CONTRACTING, INC.
 SAMPLE DATE: 11/2/2016
 SAMPLER: Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 8.20 FT
 WELL DEPTH: 14.0 FT
 WELL DIAMETER: 2.0 IN
 SCREEN LENGTH: 5.0 FT
 TOTAL VOL. PURGED: 0.205 GAL

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 OTHER

MEASUREMENT POINT ELEVATION: 588.006 FASL
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.25 IN
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES NO
 TIME OF SAMPLE COLLECTION: 3:05 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
14:46		9.44	155	18.40	10.700	6.20	0.00	13.80	-19.0	
14:48	0.082	9.62	155	18.38	10.700	6.20	0.00	12.00	-31.0	
14:50	0.082	9.78	155	18.41	10.700	6.19	0.00	12.50	-38.0	
14:51	0.041	9.93	155	18.44	10.700	6.19	0.00	11.70	-43.0	

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: 0.205

NOTES
 All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT
 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
12:30		8.40	165	9.85	3.030	7.04	0.00	74.90	63.0	
12:32	0.087	8.51	165	9.92	3.020	7.07	0.00	73.90	60.0	
12:36	0.174	8.88	165	10.71	3.010	7.13	0.00	66.30	51.0	
12:38	0.087	8.91	165	10.41	3.020	7.15	0.00	62.10	49.0	
12:39	0.044	9.35	165	10.05	3.020	7.16	0.00	58.20	47.0	
12:40	0.044	9.52	165	10.01	3.020	7.16	0.00	54.30	46.0	

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



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
8:30		8.92	160	12.15	3.020	7.21	7.85	56.30	143.0	D, MS, MSD
8:32	0.085	9.18	160	11.89	3.050	7.18	7.31	54.80	145.0	
8:33	0.042	9.39	160	11.84	3.050	7.17	6.90	52.20	144.0	
8:35	0.085	9.65	160	11.80	3.050	7.16	6.58	50.50	143.0	
8:36	0.042	9.85	160	11.79	3.050	7.16	6.25	49.2	142.0	

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 type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input 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 type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input 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 type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input 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 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
 D,MS,MSD

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-27
 TIME: START 11:03 AM END 11:50 AM
 SAMPLE ID: BCC_AREA.B_RFI-27_0916
 SAMPLE EVENT: AREA.B_3Q2016
 JOB NUMBER: 16011
 ONTARIO SPECIALTY CONTRACTING, INC.
 SAMPLE DATE: 9/6/2016
 SAMPLER: Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 6.68 FT
 WELL DEPTH: 18.0 FT
 WELL DIAMETER: 2.0 IN
 SCREEN LENGTH: 5.4 FT
 TOTAL VOL. PURGED: 0.211 GAL

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 OTHER

MEASUREMENT POINT ELEVATION: 586.845 FASL
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.25 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
11:10		8.02	160	17.73	2.920	7.11	2.40	14.10	87.0	
11:12	0.085	8.26	160	17.62	2.920	7.03	0.94	13.00	81.0	
11:13	0.042	8.44	160	17.53	2.930	7.01	0.53	13.80	78.0	
11:15	0.085	8.67	160	17.29	2.940	6.99	0.27	15.40	74.0	

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	<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)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES NO
 NUMBER OF GALLONS GENERATED: 0.211

NOTES
 All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: *Thomas B. Wagner*

COMMENTS

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
10:54		7.41	160	15.76	2.970	7.08	1.84	26.70	152.0	
10:56	0.085	7.62	160	15.55	2.990	7.04	0.86	19.20	146.0	
10:58	0.085	7.84	160	15.46	2.990	7.03	0.30	14.60	141.0	
10:59	0.042	7.99	160	15.37	3.000	7.02	0.08	15.50	138.0	
11:01	0.085	8.17	160	15.35	3.000	7.01	0.00	14.00	136.0	

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)
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
 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
13:16		8.40	165	10.56	2.650	7.57	0.00	1.50	-88.0	
13:17	0.044	8.50	165	10.58	2.650	7.57	0.00	1.60	-93.0	
13:18	0.044	8.54	165	10.57	2.650	7.57	0.00	1.30	-98.0	
13:20	0.087	8.57	165	10.57	2.640	7.56	0.00	1.30	-104.0	

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)
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

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		9.26	165	16.32	1.850	7.60	1.82	4.20	-107.0	
11:08	0.044	9.26	165	15.79	1.830	7.60	1.51	3.20	-121.0	
11:10	0.087	9.51	165	15.45	1.840	7.60	1.17	2.80	-132.0	
11:11	0.044	9.58	165	15.43	1.840	7.60	0.97	2.10	-138.0	

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)
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

Thomas B. Wagner

SIGNATURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT: Buffalo Color Corporation
 SAMPLE ID: BCC_AREA.B_RFI-28_0916
 ONTARIO SPECIALTY CONTRACTING, INC.
 WELL ID: RFI-28
 SAMPLE EVENT: AREA.B_3Q2016
 SAMPLE DATE: 9/6/2016
 TIME: START 12:05 PM END 12:38 PM
 JOB NUMBER: 16011
 SAMPLER: Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 9.68 FT
 WELL DEPTH: 16.0 FT
 WELL DIAMETER: 2.0 IN
 SCREEN LENGTH: 5.0 FT
 TOTAL VOL. PURGED: 0.164 GAL

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 OTHER

MEASUREMENT POINT ELEVATION: 587.958 FASL
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 1.78 IN
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES NO
 TIME OF SAMPLE COLLECTION: 12:30 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
12:13		11.10	155	18.56	2.600	7.28	0.00	0.10	-92.0	
12:14	0.041	11.28	155	17.87	2.620	7.27	0.00	0.00	-107.0	
12:16	0.082	11.43	155	17.46	2.640	7.27	0.00	0.00	-118.0	
12:17	0.041	11.55	155	17.34	2.630	7.26	0.00	0.20	-125.0	

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	DUPLICATE	MS	MSD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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: 0.164

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
 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
11:52		10.38	165	15.95	2.670	7.43	0.00	0.00	-89.0	
11:54	0.087	10.53	165	15.95	2.670	7.43	0.00	0.00	-112.0	
11:56	0.087	10.69	165	15.97	2.650	7.44	0.00	0.00	-133.0	
11:58	0.087	10.78	165	15.95	2.640	7.44	0.00	0.00	-143.0	

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	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/> SVOC	CLP	4 DEG. C	<input checked="" type="checkbox"/> SVOC
DUPLICATE	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
MS	<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
MSD	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)
MSD	<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
MSD	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS
	<input checked="" type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	<input checked="" type="checkbox"/> TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES NO NUMBER OF GALLONS GENERATED

COMMENTS

D, MS, MSD (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
 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
14:15		13.15	160	11.01	3.200	6.84	3.20	108.00	56.0	Cloudy: D, MS, MSD
14:16	0.042	13.15	160	10.98	3.200	6.83	4.80	103.00	55.0	
14:18	0.085	13.20	160	10.98	3.170	6.82	4.28	95.80	54.0	
14:20	0.085	13.37	160	11.00	3.170	6.80	3.67	88.40	53.0	
14:22	0.085	13.48	160	11.02	3.160	6.79	3.38	81.30	52.0	Cleared-up

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 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)
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 type="checkbox"/> TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	<input 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 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: Cloudy, high turbidity: M, 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	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-30_0516	ONTARIO SPECIALTY CONTRACTING, INC.	
WELL ID	RFI-30	SAMPLE EVENT	AREA.B_2Q2016	SAMPLE DATE	5/26/2016
TIME	START 11:45 AM END 12:30 PM	JOB NUMBER	16011	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS		MEASUREMENT POINT		NAPL REMOVAL METHOD	
STATIC DEPTH TO WATER	9.08 FT	<input checked="" type="checkbox"/> TOP OF WELL RISER	<input type="checkbox"/> BAILER	DEPTH TO NAPL NON DETECT (ND) ND FT	
WELL DEPTH	15.1 FT	<input type="checkbox"/> TOP OF PROTECTIVE CASING	<input type="checkbox"/> PERISTALTIC PUMP	NAPL VOL. REMOVED	
WELL DIAMETER	2.0 IN	OTHER	<input type="checkbox"/> ABSORBENT SOCK	GAL	
SCREEN LENGTH	5.0 FT	MEASUREMENT POINT ELEVATION	587.336 FASL	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	
TOTAL VOL. PURGED	0.169 GAL	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	2.75 IN	
		TIME OF SAMPLE COLLECTION	12:10 PM		

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)		
11:56		10.48	160	16.20	2.450	6.92	0.00	15.50	21.0		
11:58	0.085	10.71	160	16.21	2.450	6.89	0.00	12.10	-2.0		
11:59	0.042	10.90	160	15.95	2.450	6.88	0.00	10.60	-15.0		
12:00	0.042	11.08	160	15.87	2.430	6.88	0.00	8.70	-21.0		

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	
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	
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		COMMENTS	
PURGE WATER CONTAINERIZED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NUMBER OF GALLONS GENERATED	0.169
NOTES			
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required			
SIGNATURE: <i>Thomas B. Wagner</i>			

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT: Buffalo Color Corporation SAMPLE ID: BCC_AREA.B_RFI-30_0916 ONTARIO SPECIALTY CONTRACTING, INC.

WELL ID: RFI-30 SAMPLE EVENT: AREA.B_3Q2016 SAMPLE DATE: 9/6/2016

TIME: START 12:50 PM END 1:25 PM JOB NUMBER: 16011 SAMPLER: Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 9.40 FT

WELL DEPTH: 15.1 FT

WELL DIAMETER: 2.0 IN

SCREEN LENGTH: 5.0 FT

TOTAL VOL. PURGED: 0.164 GAL

MEASUREMENT POINT: TOP OF WELL RISER, TOP OF PROTECTIVE CASING, OTHER

MEASUREMENT POINT ELEVATION: 587.336 FASL

WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.58 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES NO

TIME OF SAMPLE COLLECTION: 1:15 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
12:57		10.38	155	21.15	3.060	6.61	0.26	10.60	-75.0	
12:58	0.041	10.63	155	19.29	3.070	6.62	0.00	8.20	-76.0	
13:00	0.082	10.90	155	18.46	3.070	6.61	0.00	6.90	-74.0	
13:01	0.041	11.09	155	18.03	3.050	6.59	0.00	7.00	-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

	STANDARD	DUPLICATE	MS	MSD	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
	<input checked="" type="checkbox"/>				8260B	HCL / 4 DEG. C	3 X 40 mL	<input checked="" type="checkbox"/> VOC
	<input checked="" type="checkbox"/>				CLP	4 DEG. C	2 X 1 LAG	<input checked="" type="checkbox"/> SVOC
	<input checked="" type="checkbox"/>				CLP	HNO3 to pH <2	1 X 1 LP	<input checked="" type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>				8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>				CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>				8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>				CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>				8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>				CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS (FILTERED)
	<input type="checkbox"/>				8260B	HCL / 4 DEG. C	X 40 mL	<input type="checkbox"/> VOC
	<input type="checkbox"/>				CLP	4 DEG. C	X 1 LAG	<input type="checkbox"/> SVOC
	<input type="checkbox"/>				CLP	HNO3 to pH <2	X 1 LP	<input type="checkbox"/> TAL INORGANICS
	<input type="checkbox"/>				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: 0.164

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.B_RFI-30_1116
 WELL ID: RFI-30
 SAMPLE EVENT: AREA.B_4Q2016
 TIME: START 1:37 PM END 2:25 PM
 JOB NUMBER: 16011
 SAMPLER: Tom Wagner (TW)
 ONTARIO SPECIALTY CONTRACTING, INC.
 SAMPLE DATE: 11/2/2016

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 8.27 FT
 WELL DEPTH: 15.1 FT
 WELL DIAMETER: 2.0 IN
 SCREEN LENGTH: 5.0 FT
 TOTAL VOL. PURGED: 0.211 GAL

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 OTHER

MEASUREMENT POINT ELEVATION: 587.336 FASL
 WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL: 2.75 IN
 WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES NO
 TIME OF SAMPLE COLLECTION: 2:10 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
13:50		9.56	160	15.98	3.120	6.75	1.82	3.90	-9.0	
13:52	0.085	9.79	160	15.83	3.130	6.73	1.43	4.90	-24.0	
13:54	0.085	9.98	160	15.74	3.130	6.72	1.32	5.50	-32.0	
13:55	0.042	10.15	160	15.69	3.130	6.71	1.09	5.10	-37.0	

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	<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)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES NO
 NUMBER OF GALLONS GENERATED: 0.211

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*