August 31, 2015

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

Subject: 2014 Periodic Review Report
Former Buffalo Color Corporation – Areas A&B Site No. C915230
OSC Job No. 0913.OMM

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 2014 year (referred to hereafter as the "reporting period").

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

I. Executive Summary

A. Site Summary: The 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 the need for additional seeding within grass cover areas, but verified that the soil cover was intact and the remedy remained protective for direct contact with impacted soils. As a result, additional seed was spread across the Areas A&B Site in mid-April of 2015. Sufficient establishment of the cover system vegetation will be tracked in the following late spring to early summer months.
- 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 well below the laboratory reporting limits and/or New York surface water quality standards applicable to the Buffalo River. The storm sewer conveyance system will be visually inspected for potential groundwater intrusion throughout the subsequent reporting period. Additionally, storm sewer manhole sampling techniques have been reformed to increase quality assurance and quality control standards.
- 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 under the submerged conditions exhibited by the notably high groundwater table present at the Site. 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. 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: 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. 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).

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 cover system inspection reports indicate the need for additional seeding within grass cover areas, but verified that the soil cover was intact and the remedy remained protective for direct contact with impacted soils. As a result, additional seed was spread across the Areas A&B Site in mid-April of 2015. Sufficient establishment of the cover system vegetation will be tracked in the following late spring to early summer months.
- Inspection sheets for the reporting period are provided as **Attachment B**.

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 were present, but all analytical results were well below the laboratory reporting limits and/or New York surface water quality standards applicable to the Buffalo River. An evaluation of the storm sewer conveyance system will 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 site. 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: 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 gardening activities; and
- Limit the use and development of the Site to commercial and industrial uses only.

Engineering controls (ECs) developed for the Site consists 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 2014 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 2014 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 Mactec 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: As part of the final Site grading and landscaping activities performed during the spring and summer months of the reporting period, repeated adjustments to the observation well rim elevations prevented the collection of accurate groundwater elevation measurements. As a result, reliable measurements of the hydraulic gradient across the VBW are reported for the final five months of the reporting period (August thru December).

Static geodetic survey points atop the northern concrete retaining wall were relocated following the first two quarters of the reporting period. The original survey points were abandoned due to being obstructed by a chain-link fence installed atop the bulkhead. Two new survey pins (PK-70 & PK-71) were installed atop the concrete retaining wall in locations allowing ease of access over the long term monitoring initiative. Additionally, the six survey monitoring points, referenced by the SMP, installed along the slope of the marine mattress for monitoring potential movement during Buffalo River dredging operations, were non-contact prisms and would

not facilitate long term monitoring requirements. These prisms enabled surveyors to collect measurements via a robotic total station without having to physically access the steep slope of the marine mattress. The surveyors were able to perform this non-contact measurement procedure up until the marine mattress vegetation grew to inhibit the line of Site view required by the prisms. This issue was communicated to the NYSDEC in March of 2014 and three alternate survey monitoring points located along the ridge of the marine mattress were adopted. The three survey monitoring positions consist of marked points along the riser rims of inclinometer casings installed atop the marine mattress. These inclinometers have been toed into the till layer just above bedrock for long term stability and have heavy aluminum casings to protect their risers. A collection of survey monitoring reports and tabulated geodetic coordinates are provided as **Attachment C**.

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.

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 under the submerged conditions exhibited by the notably high groundwater table present at the Site. 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 has triggered a performance evaluation of the extraction well network. This evaluation will be conducted through the following year and will include a cleaning/development program along with

repairs to any identified deficiencies which may inhibit reaching the maximum capacities of the system.

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 February 15, 2016.

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

Sincerely,



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

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

FIGURES

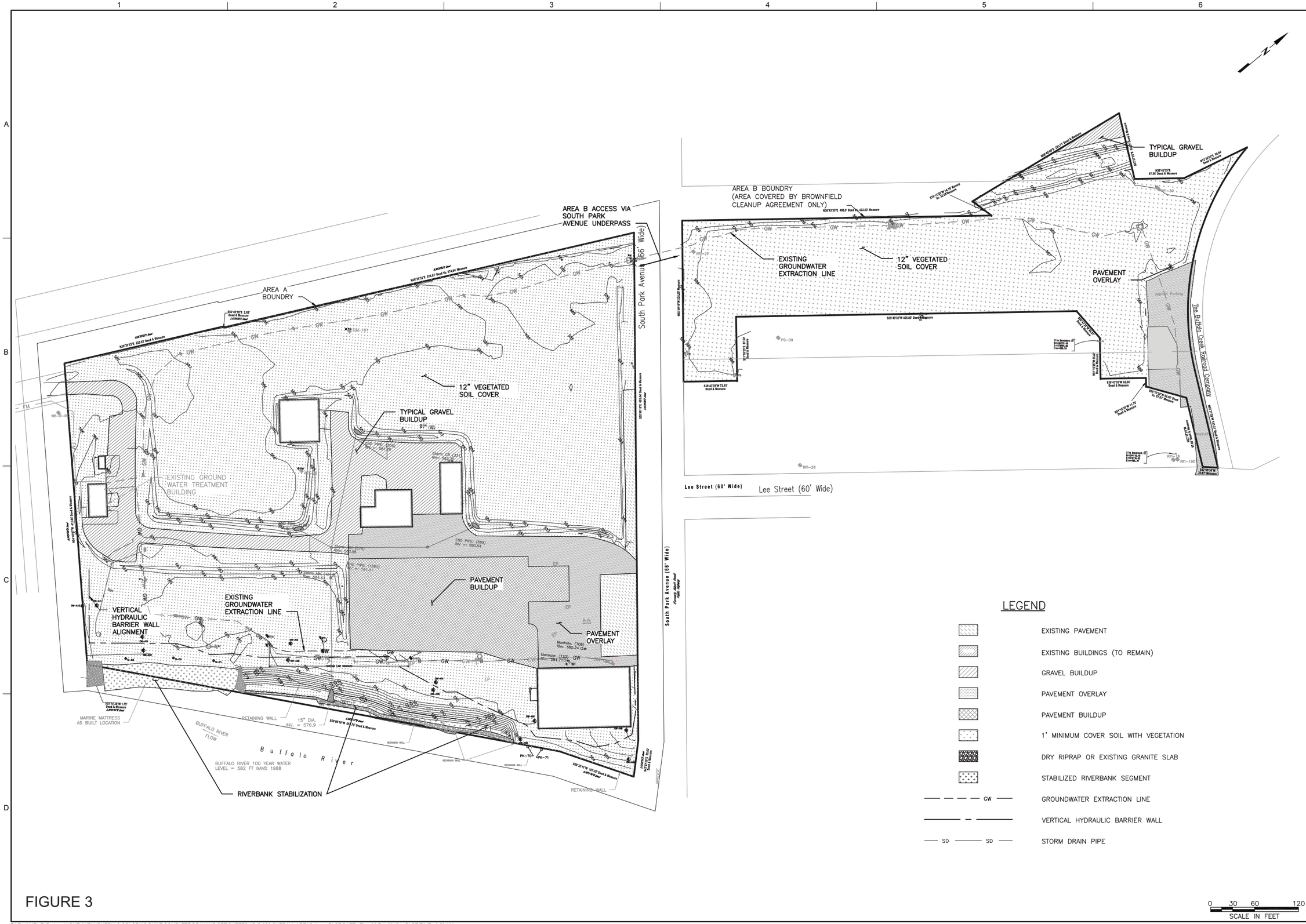


FIGURE 3

NO.	DATE	DSGN	DR	CHK	APVD
C	01/23/15	B. BLAKE	B. BLAKE	M.A. PETERS	D. FORLASTRO
B	10/28/13	AS BUILT DRAWING		MAP	DF
A	5/01/13	REVISED FOR RIVERBANK STABILIZATION CHANGES		MAP	DF
		FINAL DESIGN - AGENCY REVIEW		MAP	MAP
		REVISION		BY	CHK

THIS DRAWING IS THE PROPERTY OF MACTEC, INCLUDING ALL PATENTED AND PATENTABLE FEATURES, AND/OR CONFIDENTIAL INFORMATION AND ITS USE IS CONDITIONED UPON THE USERS 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.

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, 5 Industrial Park Road
Portland, Maine 04112-7050
(207) 775-5401

MACTEC

AS-BUILT DRAWING
OVERALL AREAS A & B
PROJECTS PLAN

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	10/28/2013
PROJ	3410090701
DWG	G-002
SHEET	2 OF 6

FILE NAME: Z:\Projects\HONEYWELL\BUFFALO COLOR\AS-BUILT COMPLETE DRAWING SET\SHEETS\AB G-002 OVERALL AREAS.dwg PLOT DATE: Thu, 26 Feb 2015 PLOT TIME: 8:53 AM

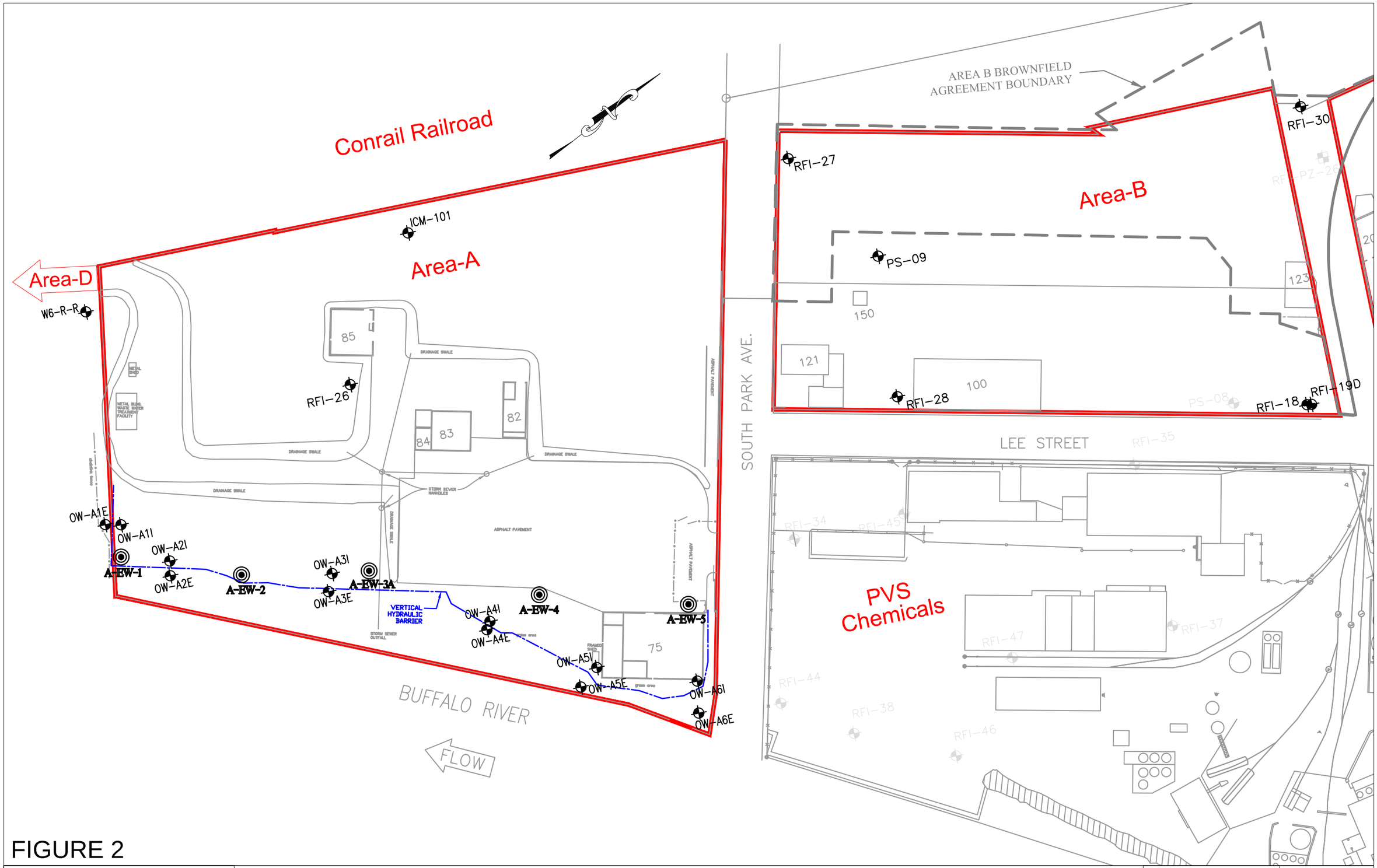


FIGURE 2

ONTARIO SPECIALTY CONTRACTING INC	FORMER BUFFALO COLOR CORPORATION AREA A/B GROUNDWATER MONITORING INSTALLATIONS	0 12.5' 25' 110' 1" = 110' ANSI B 11" X 17"

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

Railroad Tracks

Area-A

Area-B

Area-C

Area-E

Owned by Others

Owned by Others

Owned by Others

Owned by Others

BCC OUTFALL 006

BCC OUTFALL 006 INV.=567.44', 36"

BUFFALO RIVER ELEVATION = 573.19'

FLOW

Buffalo River

PVS OUTFALL 004,

PVS OUTFALL 003,

PVS OUTFALL 002

PVS OUTFALL 001

BCC OUTFALL 011

SOUTH PARK AVE.

LEE STREET

PRENATT STREET

ELK STREET

OLANDO STREET

200 0 200

SCALE: 1"= 200'

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

1

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

ATTACHMENT A

PRR NOTICE IC/EC CONTROLS CERTIFICATION FORM

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: December 31, 2013 to January 01, 2015

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

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

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

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

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

SITE NO. C915230

Description of Institutional Controls

Parcel	Owner	Institutional Control
122.12-1-30	Jon Williams	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	Jon Williams	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	Jon Williams	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	Jon Williams	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.

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

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	☐

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
X	☐

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 _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

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

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

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

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

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



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

Stamp (Required for PE)

8/25/15
Date

ATTACHMENT B

SITE INSPECTIONS

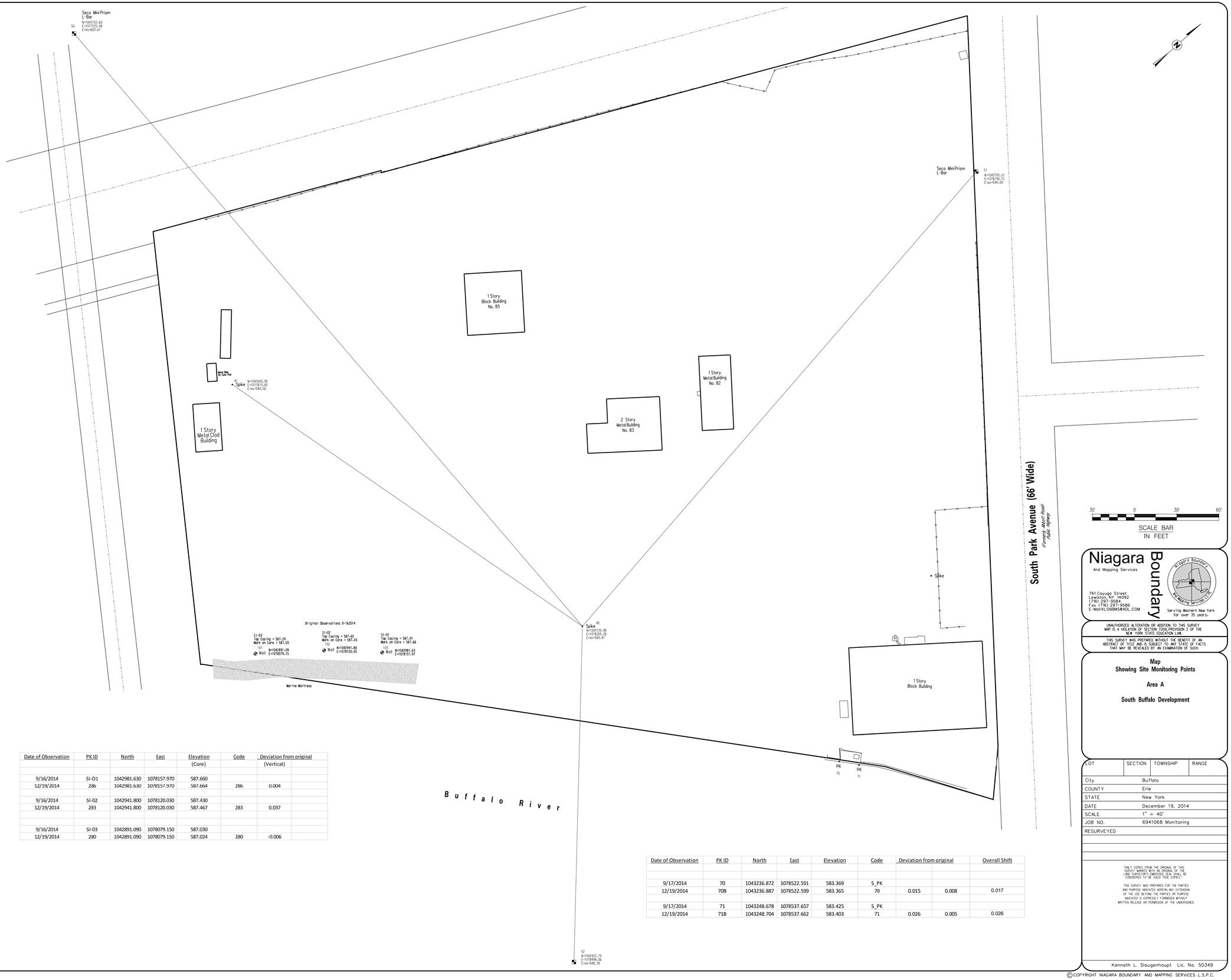
Areas A & B Cover System; Riverbank; & Site-Wide Compliance Inspection		**Areas A & B Additional Notes**	Awaiting final top soil grading and landscaping efforts for Areas A & B. Demarcation and clay soil cover is in place and protective.	Final top soil grading and landscaping underway for Areas A & B. Demarcation and clay soil cover is in place and protective.	Final Areas A & B top soil grading and landscaping efforts were completed in August. Monitoring site for growth of planted vegetation.	Heavy snow covering site
	Site-Wide Compliance (OK / Comment)	**Areas A & B Site Use Restrictions**	OK	OK	OK	OK
		Areas A & B O&M Schedule	OK	OK	OK	OK
		Areas A & B Active Site Permits	OK	OK	OK	OK
		Areas A & B Site Records	OK	OK	OK	OK
		Areas A & B Groundwater Monitoring Program	OK	OK	OK	OK
		Area A Vertical Hydraulic Barrier Monitoring Program	OK	OK	OK	OK
	Riverbank (OK / Comment)	**Northern Concrete Retaining Wall Geodetic Survey**	OK	OK	OK	OK
		Northern Concrete Retaining Wall Condition	OK	OK	OK	OK
		Marine Mattress Top of Slope Geodetic Survey	OK	OK	OK	OK
		Area A Shoreline Grass / Vegetation	Awaiting Marine Mattress landscaping	Final top soil grading and landscaping underway	Final top soil grading and landscaping completed	OK
		Area A Shoreline Soil Cover Integrity	OK	OK	OK	OK
	Cover System (OK / Comment)	**Area A Storm Drainage System & Structures**	OK	OK	OK	OK
		Areas A & B Occupied Basement Slabs	None	None	None	None
		Areas A & B Outdoor Paved Areas	OK	OK	OK	OK
		Areas A & B Gravel Cover Integrity	OK	OK	OK	OK
		Areas A & B Grass / Vegetation	Awaiting final grading and landscaping	Final top soil grading and landscaping underway	Final top soil grading and landscaping completed	OK
		Areas A & B Soil Cover Integrity	OK	OK	OK	OK
Pre-Inspection Data	Site Conditions	**Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)**	MID	None	None	HI
		Ground Surface (Dry / Damp / Wet)	Dry	Damp	Dry	Dry
	Weather	**Temperature Range (+/- 10 Deg F Range)**	15	60	60	25
		Wind (Calm / Moderate / Strong)	Moderate	Calm	Calm	Calm
		Lightning (Yes / No)	No	No	No	No
		Precipitation (None / Rain / Snow / Hail)	None	None	None	None
		Cloud Cover (Clear / Pt. Cloudy / Overcast)	Pt. Cloudy	Pt. Cloudy	Clear	Clear
		Associate	Tom Wagner (TW) & Andrew Madden (AM)	Tom Wagner (TW) & Andrew Madden (AM)	Tom Wagner (TW) & Andrew Madden (AM)	Tom Wagner (TW) & Andrew Madden (AM)
		Date	Wed 3/12/2014	Thu 5/22/2014	Wed 9/17/2014	Fri 12/19/2014

ATTACHMENT C

SHORELINE SURVEY MONITORING REPORT

INITIAL	Area A Marine Mattress Survey Measurements									Area A Marine Mattress Displacement					
SURVEY	SI-01			SI-02			SI-03			SI-01		SI-02		SI-03	
9/16/2014	1042981.630	1078157.970	587.660	1042941.800	1078120.030	587.430	1042891.090	1078079.150	587.030						
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	SI-01 Acute Deviation	SI-01 Total Deviation	SI-02 Acute Deviation	SI-02 Total Deviation	SI-03 Acute Deviation	SI-03 Total Deviation
12/19/2014	1042981.630	1078157.970	587.664	1042941.800	1078120.030	587.467	1042891.090	1078079.150	587.024	0.004	0.004	0.037	0.037	0.006	0.006

INITIAL	Area A Northern Concrete Retaining Wall Survey Measurements						Area A Concrete Retaining Wall Displacement			
SURVEY	PK-70			PK-71			PK-70		PK-71	
9/16/2014	1043236.872	1078522.591	583.369	1043248.678	1078537.657	583.425				
Date	PK-70 Northing	PK-70 Easting	PK-70 Elevation	PK-71 Northing	PK-71 Easting	PK-71 Elevation	PK-70 Acute Deviation	PK-70 Total Deviation	PK-71 Acute Deviation	PK-71 Total Deviation
12/19/2014	1043236.887	1078522.599	583.365	1043248.704	1078537.662	583.403	0.017	0.017	0.034	0.034



Date of Observation	PK ID	North	East	Elevation (Core)	Code	Deviation from original (Vertical)	
9/16/2014	SI-01	1042981.630	1078157.970	587.660			
12/19/2014	286	1042981.630	1078157.970	587.664	286	0.004	
9/16/2014	SI-02	1042941.800	1078120.030	587.430			
12/19/2014	283	1042941.800	1078120.030	587.467	283	0.037	
9/16/2014	SI-03	1042891.090	1078079.150	587.030			
12/19/2014	280	1042891.090	1078079.150	587.024	280	-0.006	

Date of Observation	PK ID	North	East	Elevation	Code	Deviation from original		Overall Shift
9/17/2014	70	1043236.872	1078522.591	583.369	S_PK			
12/19/2014	70B	1043236.887	1078522.599	583.365	70	0.015	0.008	0.017
9/17/2014	71	1043248.678	1078537.657	583.425	S_PK			
12/19/2014	71B	1043248.704	1078537.662	583.403	71	0.026	0.005	0.026

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And Mapping Services
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Lewiston, NY 14092
(716) 297-9584
Fax (716) 297-9586
E-Mail:KLSNBMS@AOL.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	December 19, 2014		
SCALE	1" = 40'		
JOB NO.	6941068 Monitoring		
RESURVEYED			

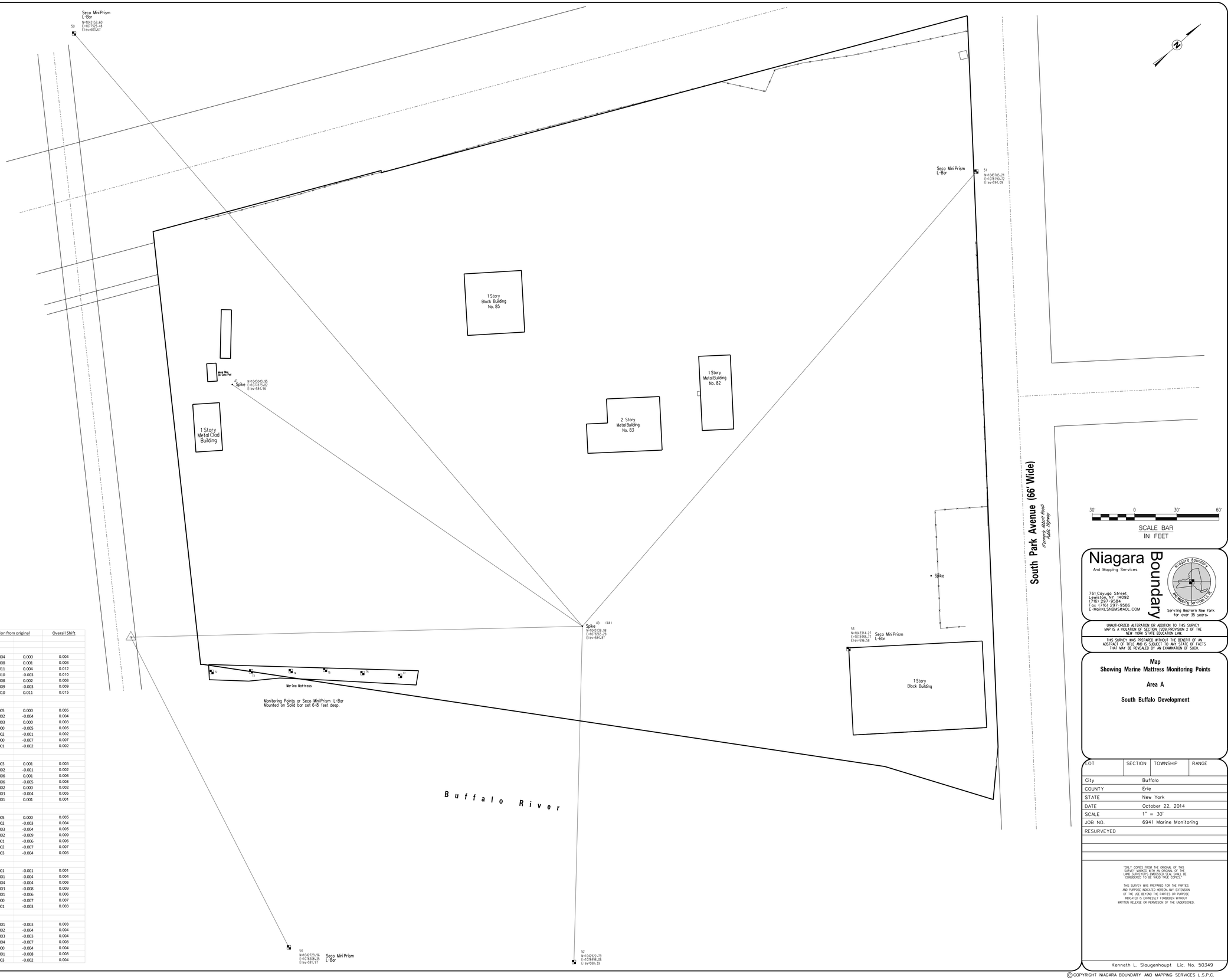
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Kenneth L. Slaugenhoupt Lic. No. 50349

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Date of Observation	POINT ID	North	East	Elevation	Code	Deviation from original		Overall Shift
10/3/2014	72	1042848.466	1078064.508	578.927	Prism			
10/10/2014	72A	1042848.462	1078064.508	578.919	72	-0.004	0.000	0.004
10/10/2014	72B	1042848.458	1078064.509	578.930	72	-0.008	0.001	0.008
10/13/2014	72C	1042848.455	1078064.512	578.931	72	-0.011	0.004	0.012
10/14/2014	72D	1042848.456	1078064.505	578.932	72	-0.010	0.003	0.010
10/15/2014	72E	1042848.458	1078064.510	578.934	72	-0.008	0.002	0.008
10/16/2014	72F	1042848.457	1078064.505	578.927	72	-0.009	-0.003	0.009
10/22/2014	72G	1042848.456	1078064.519	578.922	72	-0.010	0.011	0.015
10/3/2014	73	1042876.754	1078088.885	579.170	Prism			
10/10/2014	73A	1042876.759	1078088.885	579.171	73	0.005	0.000	0.005
10/10/2014	73B	1042876.752	1078088.881	579.172	73	-0.002	-0.004	0.004
10/13/2014	73C	1042876.751	1078088.885	579.173	73	-0.003	0.000	0.003
10/14/2014	73D	1042876.754	1078088.880	579.174	73	0.000	-0.005	0.005
10/15/2014	73E	1042876.756	1078088.884	579.176	73	0.002	-0.001	0.002
10/16/2014	73F	1042876.754	1078088.878	579.169	73	0.000	-0.007	0.007
10/22/2014	73G	1042876.755	1078088.883	579.169	73	0.001	-0.002	0.002
10/3/2014	74	1042905.065	1078113.680	577.515	Prism			
10/10/2014	74A	1042905.068	1078113.681	577.510	74	0.003	0.001	0.003
10/10/2014	74B	1042905.063	1078113.679	577.513	74	-0.002	-0.001	0.002
10/13/2014	74C	1042905.059	1078113.681	577.515	74	-0.006	0.001	0.006
10/14/2014	74D	1042905.059	1078113.675	577.516	74	-0.006	-0.005	0.008
10/15/2014	74E	1042905.063	1078113.680	577.518	74	-0.002	0.000	0.002
10/16/2014	74F	1042905.062	1078113.676	577.510	74	-0.003	-0.004	0.005
10/22/2014	74G	1042905.064	1078113.681	577.510	74	-0.001	0.001	0.001
10/3/2014	75	1042930.223	1078134.397	579.147	Prism			
10/10/2014	75A	1042930.228	1078134.397	579.144	75	0.005	0.000	0.005
10/10/2014	75B	1042930.225	1078134.394	579.146	75	0.002	-0.003	0.004
10/13/2014	75C	1042930.220	1078134.393	579.149	75	-0.003	-0.004	0.005
10/14/2014	75D	1042930.221	1078134.388	579.150	75	-0.002	-0.009	0.009
10/15/2014	75E	1042930.224	1078134.391	579.153	75	0.001	-0.006	0.006
10/16/2014	75F	1042930.225	1078134.390	579.144	75	0.002	-0.007	0.007
10/22/2014	75G	1042930.226	1078134.393	579.144	75	0.003	-0.004	0.005
10/3/2014	76	1042954.656	1078160.177	578.686	Prism			
10/10/2014	76A	1042954.657	1078160.176	578.677	76	0.001	-0.001	0.001
10/10/2014	76B	1042954.655	1078160.173	578.682	76	-0.001	-0.004	0.004
10/13/2014	76C	1042954.652	1078160.173	578.683	76	-0.004	-0.004	0.006
10/14/2014	76D	1042954.653	1078160.169	578.684	76	-0.003	-0.008	0.009
10/15/2014	76E	1042954.655	1078160.171	578.687	76	-0.001	-0.006	0.006
10/16/2014	76F	1042954.656	1078160.170	578.678	76	0.000	-0.007	0.007
10/22/2014	76G	1042954.657	1078160.174	578.678	76	0.001	-0.003	0.003
10/3/2014	77	1042979.558	1078185.832	578.666	Prism			
10/10/2014	77A	1042979.557	1078185.829	578.665	77	-0.001	-0.003	0.003
10/10/2014	77B	1042979.556	1078185.828	578.666	77	-0.002	-0.004	0.004
10/13/2014	77C	1042979.555	1078185.829	578.668	77	-0.003	-0.003	0.004
10/14/2014	77D	1042979.554	1078185.825	578.670	77	-0.004	-0.007	0.008
10/15/2014	77E	1042979.558	1078185.828	578.672	77	0.000	-0.004	0.004
10/16/2014	77F	1042979.557	1078185.824	578.664	77	-0.001	-0.008	0.008
10/22/2014	77G	1042979.561	1078185.830	578.664	77	0.003	-0.002	0.004

FILE: $FILE$

30' 0 30' 60'

SCALE BAR
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Map
Showing Marine Mattress Monitoring Points
Area A
South Buffalo Development

LOT	SECTION	TOWNSHIP	RANGE
City	Buffalo		
COUNTY	Erie		
STATE	New York		
DATE	October 22, 2014		
SCALE	1" = 30'		
JOB NO.	6941 Marine Monitoring		
RESURVEYED			

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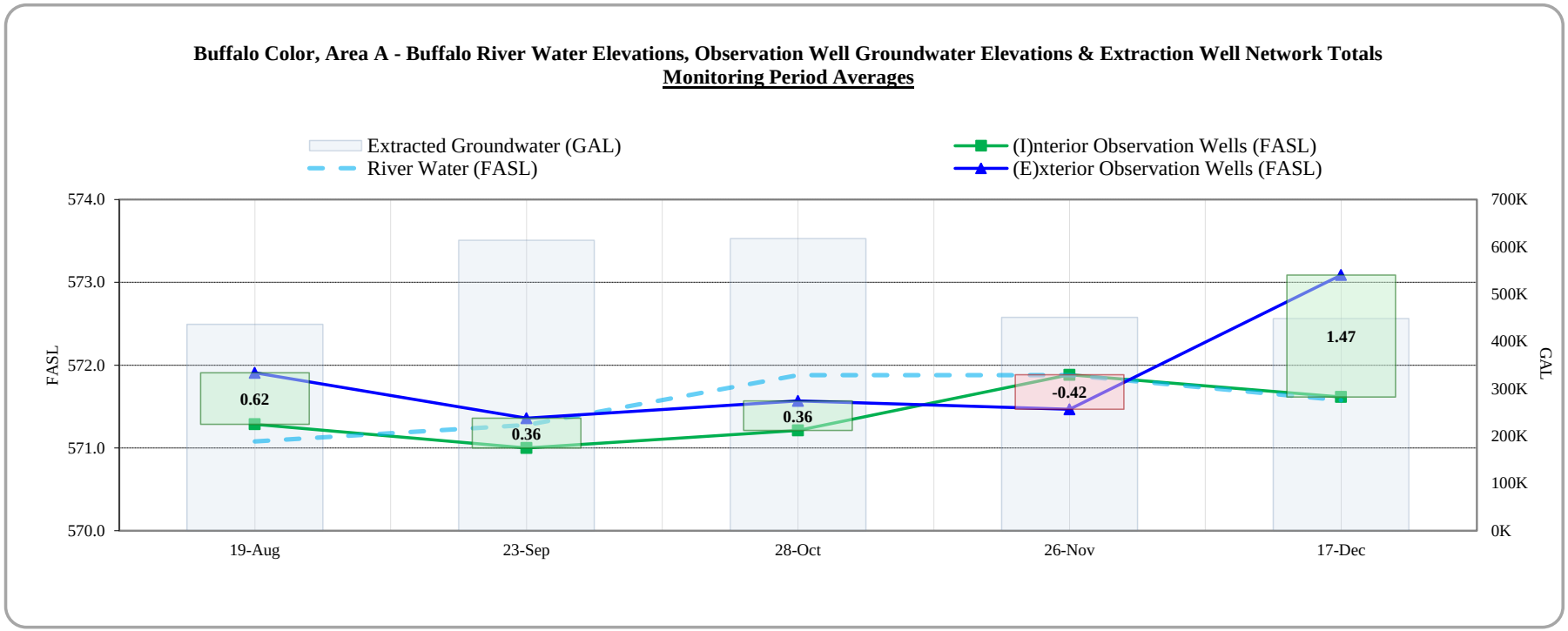
ATTACHMENT D

OBSERVATION WELL HYDROGRAPHS

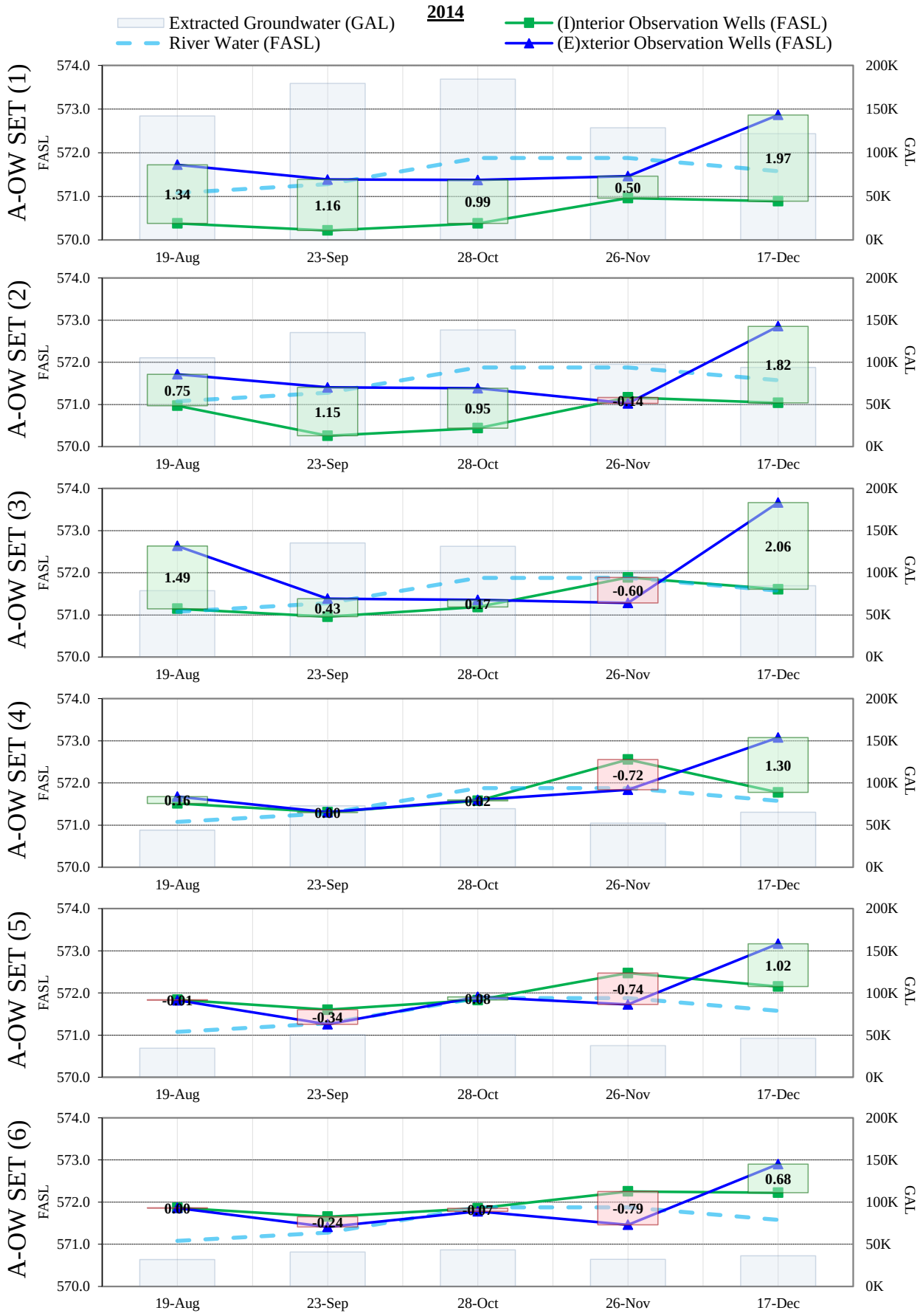
Buffalo Color, Area A - Buffalo River Water Elevations (FASL), Observation Well Groundwater Elevations (FASL), Inward Gradient Measurements (FT) & Extraction Well Network Totals (GAL)

Abbreviations: River Stadia Rod (RSR), Observation Well (OW), Inward Gradient (IG), Extraction Well (EW)

2014	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**	**1IG**	**2I**	**2E**	**2IG**	**3I**	**3E**	**3IG**	**4I**	**4E**	**4IG**	**5I**	**5E**	**5IG**	**6I**	**6E**	**6IG**	**I**	**E**	**IG**	**1**	**2**	**3A**	**4**	**5**	**TOTAL**
22-Jan																							84,394	35,470	228,922	78,231	26,073	453,090
13-Feb																							192,238	19,157	123,113	28,738	0	363,246
26-Mar																							355,698	34,911	65,348	28,166	12,167	496,290
10-Apr																							141,569	13,600	90,774	18,622	38,166	302,731
9-May																							196,385	19,801	178,554	42,083	51,168	487,991
9-Jun																							238,053	24,195	49,409	40,186	56,794	408,637
9-Jul																							223,623	21,845	152,317	30,545	39,934	468,264
19-Aug	571.08	570.38	571.73	1.34	570.97	571.72	0.75	571.15	572.64	1.49	571.52	571.68	0.16	571.84	571.83	-0.01	571.86	571.86	0.00	571.29	571.91	0.62	257,728	24,423	86,428	29,268	38,618	436,465
23-Sep	571.28	570.22	571.39	1.16	570.26	571.41	1.15	570.96	571.39	0.43	571.31	571.31	0.00	571.60	571.26	-0.34	571.65	571.41	-0.24	571.00	571.36	0.36	315,558	25,987	177,269	62,127	33,363	614,304
28-Oct	571.88	570.38	571.38	0.99	570.44	571.39	0.95	571.19	571.36	0.17	571.58	571.60	0.02	571.83	571.91	0.08	571.85	571.78	-0.07	571.21	571.57	0.36	326,098	27,427	168,300	52,725	43,024	617,574
26-Nov	571.88	570.96	571.47	0.50	571.17	571.03	-0.14	571.89	571.29	-0.60	572.56	571.84	-0.72	572.47	571.73	-0.74	572.25	571.46	-0.79	571.88	571.47	-0.42	224,387	19,164	137,221	38,896	31,579	451,247
17-Dec	571.58	570.89	572.87	1.97	571.04	572.86	1.82	571.61	573.67	2.06	571.78	573.08	1.30	572.15	573.17	1.02	572.22	572.90	0.68	571.61	573.09	1.47	209,833	26,011	92,638	85,994	33,949	448,425
Avg | Sum	***571.54***	***570.57***	***571.76***	***1.20***	***570.78***	***571.68***	***0.90***	***571.36***	***572.07***	***0.71***	***571.75***	***571.90***	***0.15***	***571.98***	***571.98***	***0.00***	***571.97***	***571.88***	***-0.09***	***571.40***	***571.88***	***0.48***	**2,765,564**	**291,991**	**1,550,293**	**535,581**	**404,835**	**5,548,264**



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



ATTACHMENT E

GROUNDWATER DATA TABLES AND FIGURES

Groundwater Exceedances Summary
Buffalo Color Corporation Area E
Buffalo, New York

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Benzene	Cholorbenzene	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
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
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
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

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.

Created By: ESW
Checked By: ELR

DRAWN BY: JLR 8-17-2015 APPROVED BY: ELR

LEGEND

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



100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	FIRST QUARTER 2014 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - B Figure: 1	1

Z:\Projects\South Buffalo Development\Sheets\01 FIGURE 1 - B FIRST QUARTER VOC.dwg Tue, 25 Aug 2015 - 11:56am jamie.rodgers

DRAWN BY: JLR 8-8-2015 APPROVED BY: ELR

LEGEND

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



100 0 100

SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	SECOND QUARTER 2014 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - B Figure: 1	1

Z:\Projects\South Buffalo Development\Sheets\02 FIGURE 1 - B SECOND QUARTER CONTOURS.dwg Mon, 17 Aug 2015 - 4:34pm jamie.rodgers

DRAWN BY: JLR 8-8-2015 APPROVED BY: ELR

LEGEND

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



100 0 100
SCALE: 1"=100'

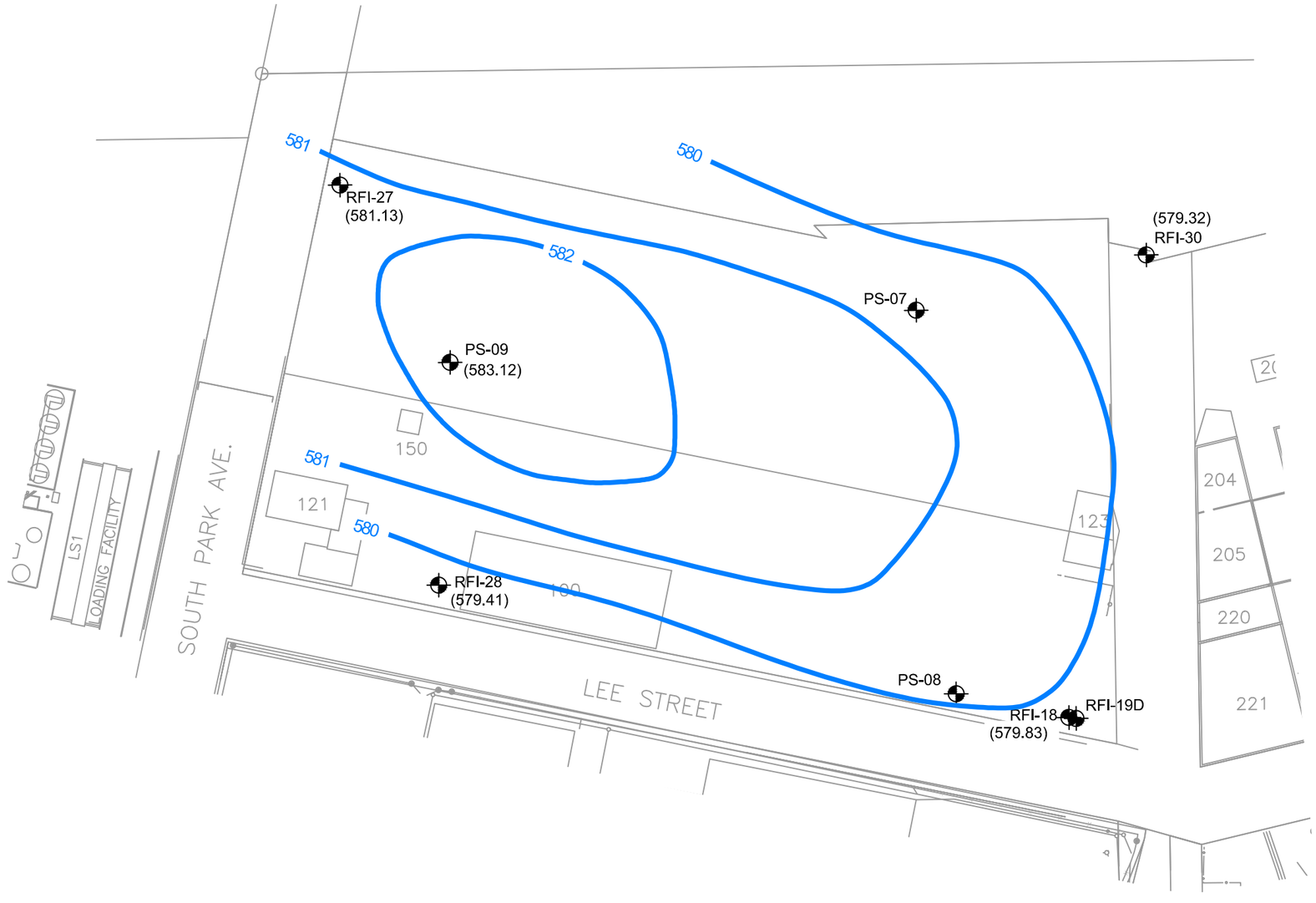
SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	THIRD QUARTER 2014 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - B Figure: 1	1

Z:\Projects\South Buffalo Development\Sheets\03 FIGURE 1 - B THIRD QUARTER CONTOURS.dwg Mon, 17 Aug 2015 - 4:35pm jamie.rodgers

DRAWN BY: JLR 8-8-2015 APPROVED BY: ELR

LEGEND

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



100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	FOURTH QUARTER 2014 GROUNDWATER MONITORING EVENT GROUNDWATER ELEV CONTOURS BUFFALO COLOR AREA - B Figure: 1	1

Z:\Projects\South Buffalo Development\Sheets\04 FIGURE 1 - B FOURTH QUARTER CONTOURS.dwg Mon, 17 Aug 2015 - 3:57pm jamie.rodgers

DRAWN BY: JLR 8-8-2015 APPROVED BY: ELR

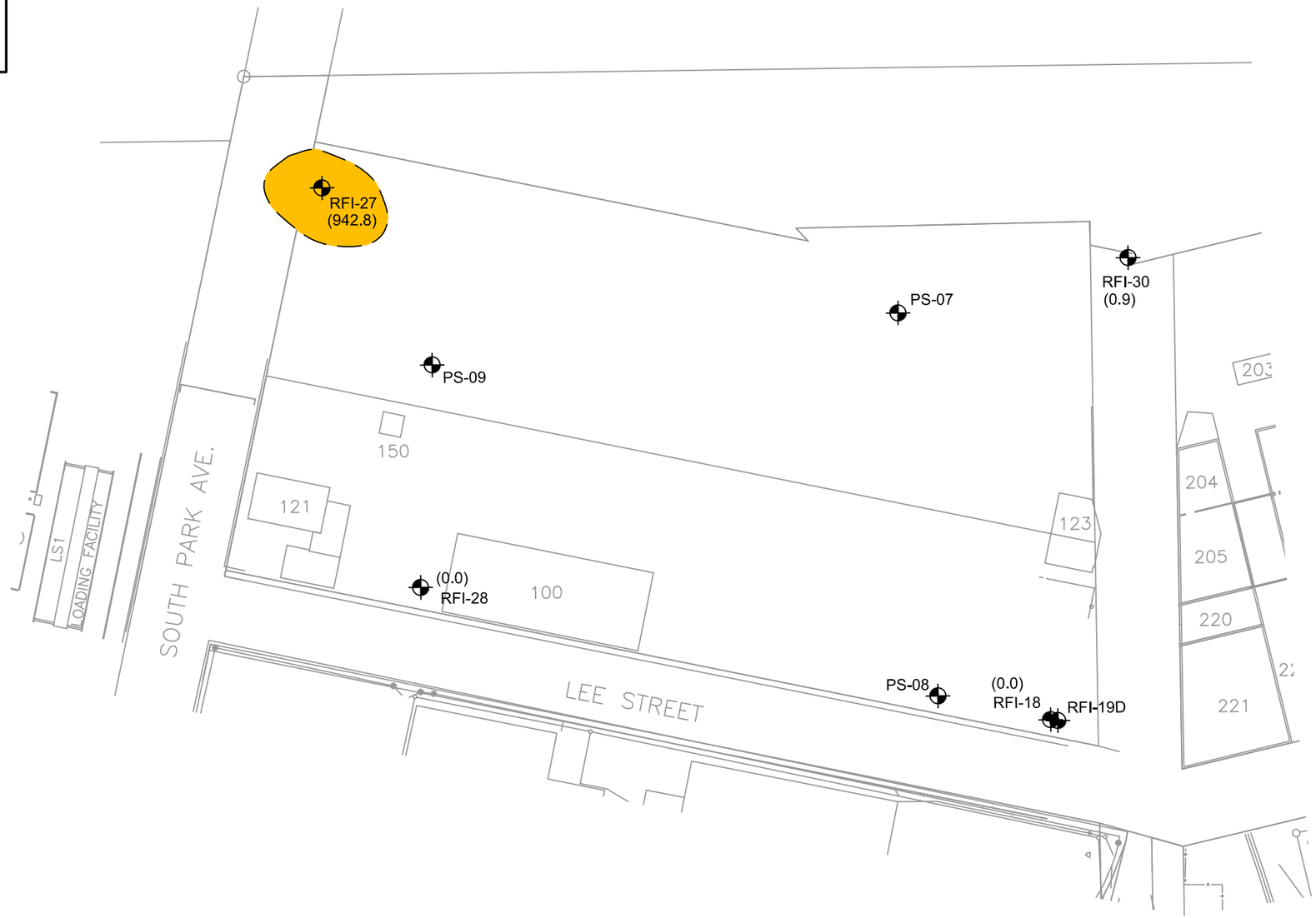
LEGEND

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)



100 0 100

SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	FIRST QUARTER 2014 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B Figure: 2	2

Z:\Projects\South Buffalo Development\Sheets\05 FIGURE 2 – B FIRST QUARTER VOC.dwg Tue, 18 Aug 2015 – 9:00am jamie.rodgers

DRAWN BY: JLR 8-8-2015 APPROVED BY: ELR

LEGEND

RFI-28 (14.0) 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)



100 0 100

SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	SECOND QUARTER 2014 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B Figure: 2	2

Z:\Projects\South Buffalo Development\Sheets\06 FIGURE 2 - B SECOND QUARTER VOC.dwg Tue, 18 Aug 2015 - 9:01am jamie.rodgers

DRAWN BY: JLR 8-8-2015 APPROVED BY: ELR

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)



100 0 100

SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	THIRD QUARTER 2014 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B Figure: 2	2

Z:\Projects\South Buffalo Development\Sheets\07 FIGURE 2 - B THIRD QUARTER VOC.dwg Tue, 18 Aug 2015 - 9:02am jamie.rodgers

DRAWN BY: JLR 8-8-2015 APPROVED BY: ELR

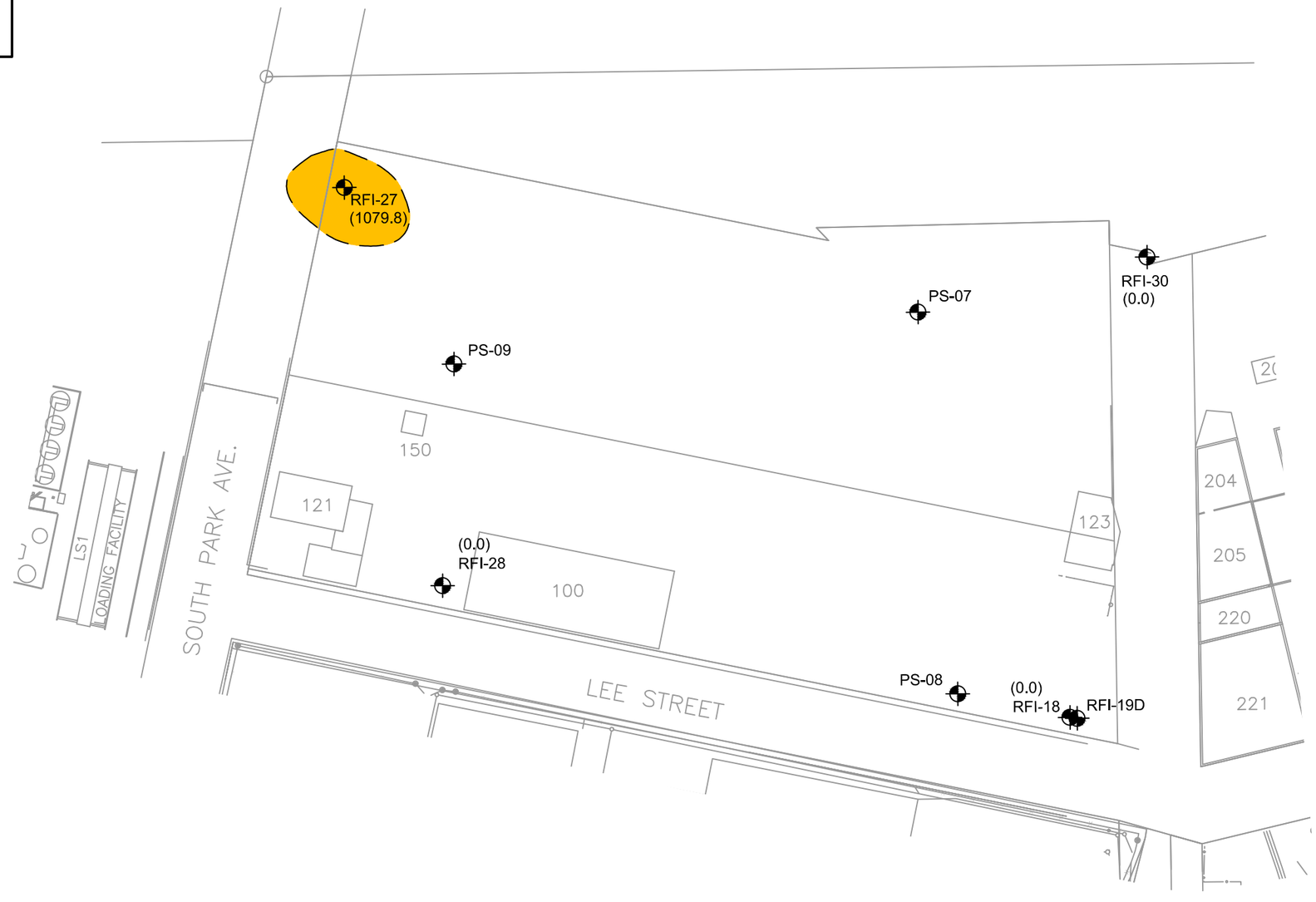
LEGEND

RFI-28 (0.0) 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)



100 0 100

SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	amec Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106	FOURTH QUARTER 2014 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - B Figure: 2	2

Z:\Projects\South Buffalo Development\Sheets\08 FIGURE 2 - B FOURTH QUARTER VOC.dwg Tue, 18 Aug 2015 - 9:02am jamie.rodgers

ATTACHMENT F

DISCHARGE MONITORING REPORTS

BUFFALO SEWER AUTHORITY

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

Leslie Sedita
Industrial Waste Administrator
Industrial Waste Section

cc: M. Letina

I\WPD\JK\SBDLLC1406bu109permitltr

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		Discharge Limitations		Sampling Requirements	
Point	**Parameter**	**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 Methods 624	[6]		Grab[7]	**Quarterly**
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	[8]		Composite	**Quarterly**
	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-Dichlorbenzene	0.197 lbs.	0.472 mg/L	Composite	**Quarterly**
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Composite	**Quarterly**
	Acenaphtylene	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 that 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.

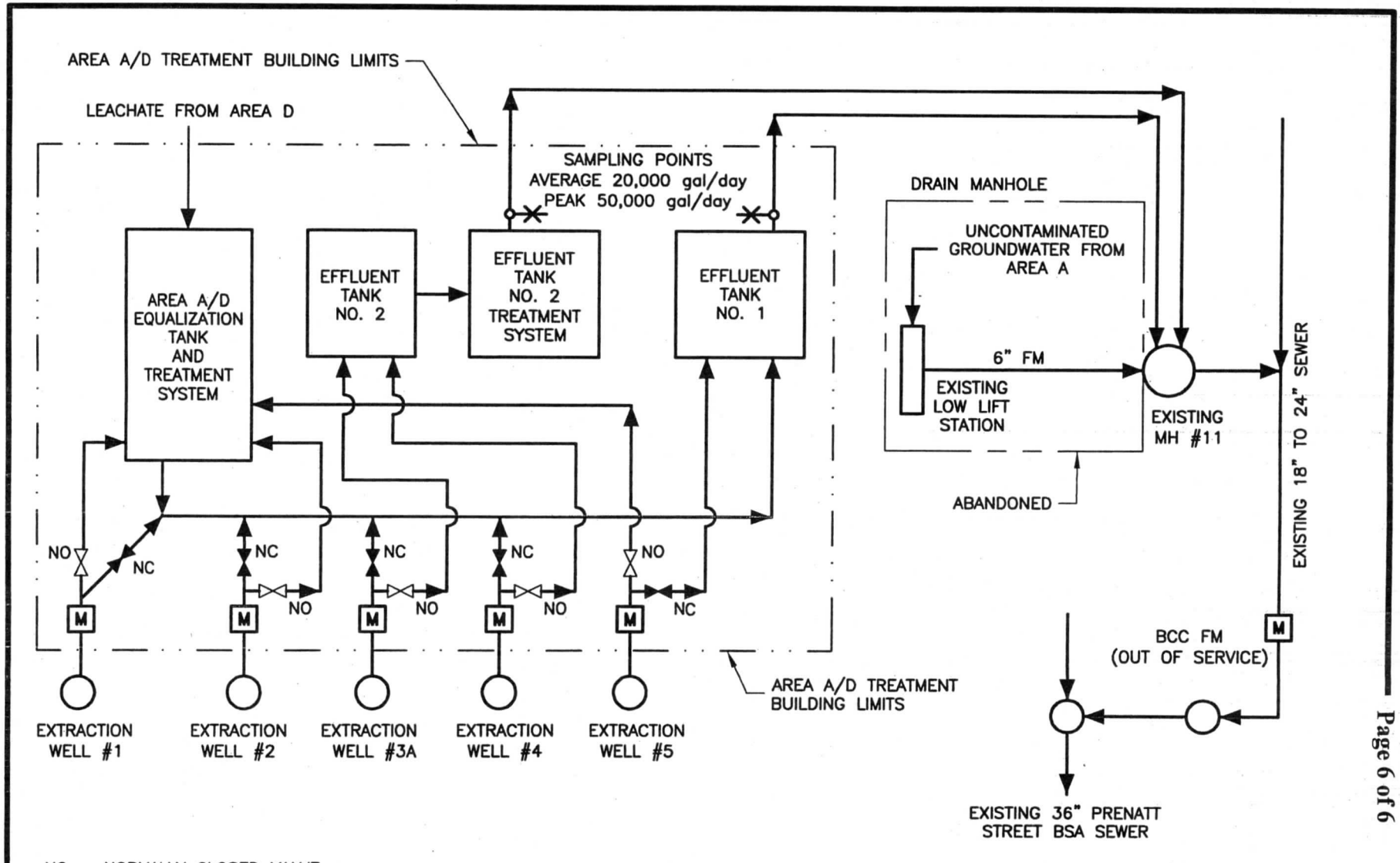
(4) Composite samples may be flow proportioned.

(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 that 0.01 mg/L.



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY

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

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.

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

April 30, 2014

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

Subject: **South Buffalo Development Corporation, LLC**
Buffalo Color Remediation Site
Permit #11-06-BU109
OSC 0913-OMM

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 2014 through March 2014. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #11-06BU109.

Please note that the February 2014 compliance sample was collected in early March due to a mechanical failure within the carbon vessel for extraction wells EW-4 and EW-3A. An extended lead time for repair parts lead to the postponed sample submission.

Included with the report are:

- Operation log sheets;
- 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,

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

cc:

Richard Galloway	Honeywell
Dennis Young	Buffalo Sewer Authority
Eugene Melnyk	NYSDEC Region 9
John Yensan	South Buffalo Development, LLC

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

B.P.D.E.S. Permit No. #11-06-BU109
Buffalo Color Remediation
South Buffalo Development Corporation LLC (SBD)
Reporting Period: January 2014 through March 2014

The following is the discharge data associated with the operations of Buffalo Color Corp Area A and D Groundwater Extraction System throughout the reporting period. A schematic presenting 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 2014	441,303 gallons
February 2014	391,932 gallons
March 2014	274,299 gallons

Total Quarterly Discharge 1,107,534 gallons

Estimated Area D contribution this period:
11,483 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.

Andrew D. Madden
Project Engineer

Ontario Specialty Contracting, Inc.

Attachments:
Monitoring and Sampling Schematic, Field Data Collection Sheets, and Laboratory Analytical Results

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	11-06-BU109	effective June 1, 2011
Sample Date:	1/24/2014	
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Month: JAN

Event Group: SUMP
Lab Job ID: J53794-1

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	8.68	0.100	SU	8.68	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	22.90	2.0	mg/L	22.9	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.01	0.010	mg/L	0.001	lbs/day	1.67	lbs/day	Yes	20	0.009	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0004	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.01	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0067	Yes
Lead	7439-92-1	0.00	0.0050	mg/L	0.0004	lbs/day	0.541	lbs/day	Yes	65	0.0030	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	0.00	0.010	mg/L	0.0005	lbs/day	1.17	lbs/day	Yes	14	0.0038	Yes
Zinc	7440-66-6	0.01	0.010	mg/L	0.002	lbs/day	2.046	lbs/day	Yes	25	0.014	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	0.760	0.059	ug/L	0.0001	lbs/day	0.0001	lbs/day	Yes	0.002	0.0008	Yes
Aniline or Aniline Derivative*	62-53-3	16.0	1900	ug/L	0.0019	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	1.2	25	ug/L	0.0001	lbs/day	0.129	lbs/day	Yes	0.31	0.00	Yes
1,2-Dichlorobenzene	95-50-1	3.3	9.4	ug/L	0.0004	lbs/day	0.197	lbs/day	Yes	0.472	0.0033	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	0.160	0.010	mg/L	0.160	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	9.89	-	gpm	14,236	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	14,456,322	1/1/2014
Final Reading	14,897,625	1/31/2014
Total Days in Period	31	
Total Flow for Period	**441,303**	gallons
Average Flow for Period	**9.89**	gpm

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	11-06-BU109	effective June 1, 2011
Sample Date:	3/12/2014	
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Month: FEB

Event Group: SUMP
Lab Job ID: J55924-1

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	8.93	0.100	SU	8.93	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	18.20	2.0	mg/L	18.2	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.01	0.010	mg/L	0.001	lbs/day	1.67	lbs/day	Yes	20	0.007	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0005	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.02	0.010	mg/L	0.002	lbs/day	0.67	lbs/day	Yes	16	0.0190	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	0.00	0.010	mg/L	0.0005	lbs/day	1.17	lbs/day	Yes	14	0.0041	Yes
Zinc	7440-66-6	0.02	0.010	mg/L	0.002	lbs/day	2.046	lbs/day	Yes	25	0.015	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	4.0	1900	ug/L	0.0005	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	6.1	25	ug/L	0.0007	lbs/day	0.059	lbs/day	Yes	0.142	0.006	Yes
Chlorobenzene	108-90-7	37.0	25	ug/L	0.0043	lbs/day	0.129	lbs/day	Yes	0.31	0.04	Yes
1,2-Dichlorobenzene	95-50-1	2.1	9.4	ug/L	0.0002	lbs/day	0.197	lbs/day	Yes	0.472	0.0021	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	0.5	4.7	ug/L	0.0001	lbs/day	0.131	lbs/day	Yes	0.314	0.00	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	37	25	ug/L	0.037	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	5.6	4.0	mg/L	5.6	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.370	0.010	mg/L	0.370	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	9.72	-	gpm	13,998	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	14,897,625	2/1/2014
Final Reading	15,289,557	2/28/2014
Total Days in Period	28	
Total Flow for Period	**391,932**	gallons
Average Flow for Period	**9.72**	gpm

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	11-06-BU109	effective June 1, 2011
Sample Date:	3/26/2014	
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Month: MAR

Event Group: SUMP
Lab Job ID: J56698-1

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	8.53	0.100	SU	8.53	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	4.60	2.0	mg/L	4.6	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.01	0.010	mg/L	0.000	lbs/day	1.67	lbs/day	Yes	20	0.006	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0002	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.01	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0080	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	0.00	0.010	mg/L	0.0003	lbs/day	1.17	lbs/day	Yes	14	0.0044	Yes
Zinc	7440-66-6	0.01	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	15.0	1900	ug/L	0.0011	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	12.0	25	ug/L	0.0009	lbs/day	0.059	lbs/day	Yes	0.142	0.012	Yes
Chlorobenzene	108-90-7	63.0	25	ug/L	0.0047	lbs/day	0.129	lbs/day	Yes	0.31	0.06	Yes
1,2-Dichlorobenzene	95-50-1	2.6	9.4	ug/L	0.0002	lbs/day	0.197	lbs/day	Yes	0.472	0.0026	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	63	25	ug/L	0.063	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	10.4	4.0	mg/L	10.4	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.260	0.010	mg/L	0.260	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	6.14	-	gpm	8,848	gpd	50,000	gpd	Yes			

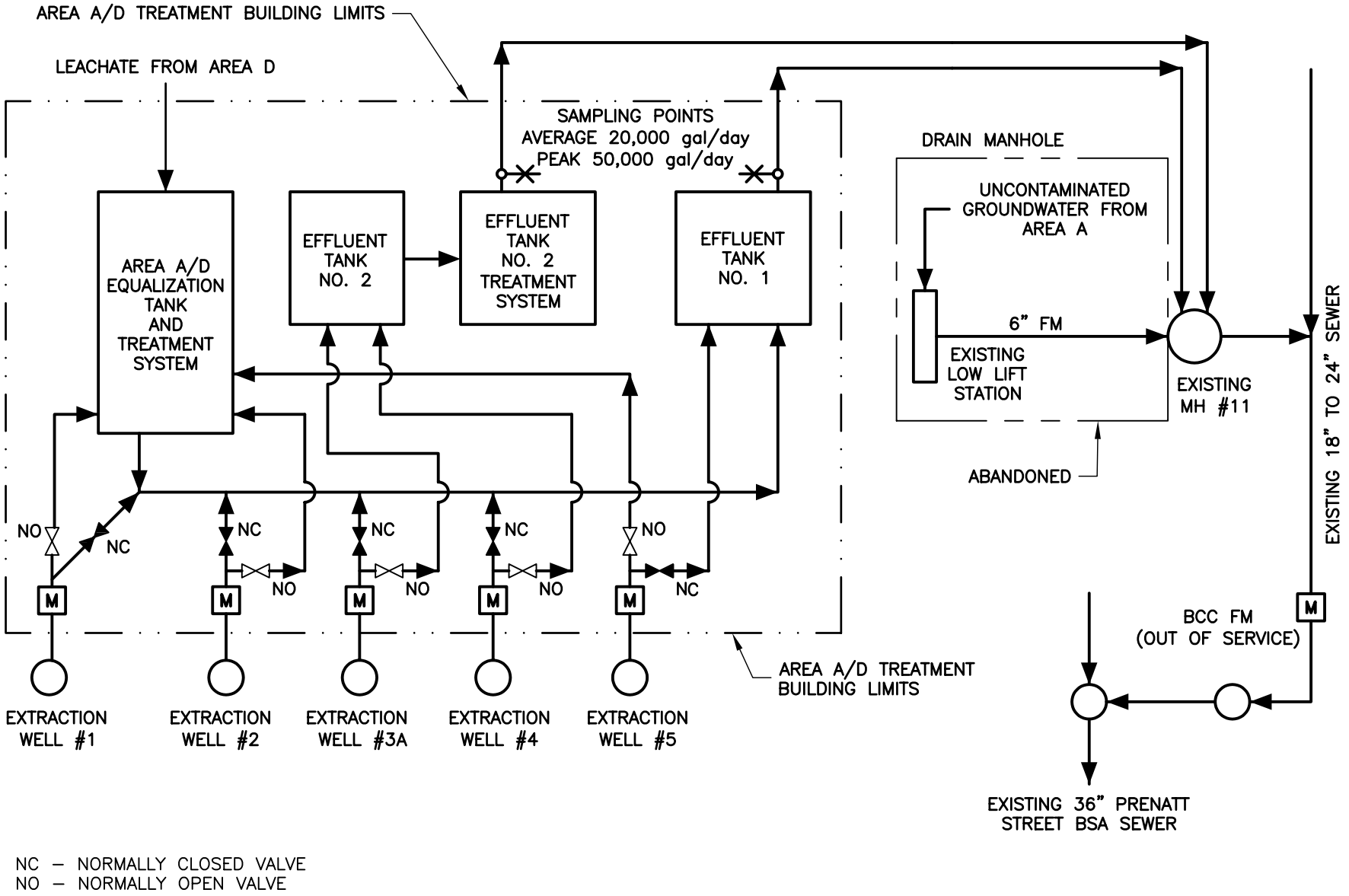
*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L.
**Analyzed by total phosphorus method SM 4500-P E
MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations

Combined Effluent No. 1 and No. 2 Flow Totals (gallons)

Initial Reading	15,289,557	3/1/2014
Final Reading	15,563,857	3/31/2014
Total Days in Period	31	
Total Flow for Period	**274,299**	gallons
Average Flow for Period	**6.14**	gpm

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

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: 480-53794-1
Client Project/Site: OSC- Former Buffalo Color Sites
Sampling Event: Buffalo Color - Monthly Sump

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

Attn: Andrew Madden

Authorized for release by:
2/7/2014 4:35:08 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

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

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

TestAmerica Job ID: 480-53794-1

Job ID: 480-53794-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-53794-1

Comments
No additional comments.

Receipt
The samples were received on 1/24/2014 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8º C.

GC/MS VOA
Method(s) 624: The following sample(s) was composited by the laboratory on 1/27/14 as requested on the chain-of-custody: BCC BSA SUMP_012414 (480-53794-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 625: The continuing calibration verification (CCV) associated with batch 163812 recovered above the upper control limit for 3,3'-Dichlorobenzidine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-163812/3).

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 200.7 Rev 4.4: The Method Blank for batch 480-163282 contained total copper and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of sample BCC BSA SUMP_012414 (480-53794-1) was not performed.

No other analytical or quality issues were noted.

General Chemistry
Method(s) SM 5210B: The Unseeded Blank dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results are reported. (USB 480-163158/1)

Method(s) 9040B, SM 4500 H+ B: The following sample(s) was received outside of holding time: BCC BSA SUMP_012414 (480-53794-1).

No other analytical or quality issues were noted.

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 batch 163439, LCS/LCSD performed.

Method(s) 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 163387.

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-53794-1

Client Sample ID: BCC BSA SUMP_012414 — Lab Sample ID: 480-53794-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	3.3	J	5.0	0.44	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	0.80	J	5.0	0.51	ug/L	1		624	Total/NA
Chlorobenzene	1.2	J	5.0	0.48	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	1.4	J	9.7	0.14	ug/L	1		625	Total/NA
2-Chlorophenol	0.98	J	4.8	0.15	ug/L	1		625	Total/NA
Acenaphthene	0.24	J	4.8	0.058	ug/L	1		625	Total/NA
Aniline	16		9.7	0.084	ug/L	1		625	Total/NA
PCB-1254	0.76		0.058	0.030	ug/L	1		608	Total/NA
Chromium	0.0031	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0067	J B	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0030	J	0.0050	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0038	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.014	B	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0091	J	0.010	0.0050	mg/L	1		420.4	Total/NA
Cyanide, Amenable	0.025		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Phosphorus	0.16		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	22.9	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	8.68	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB — Lab Sample ID: 480-53794-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-53794-1

Client Sample ID: BCC BSA SUMP_012414
Date Collected: 01/24/14 14:30
Date Received: 01/24/14 15:30

Lab Sample ID: 480-53794-1
Matrix: Water

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			01/28/14 02:56	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/28/14 02:56	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/28/14 02:56	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/28/14 02:56	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/28/14 02:56	1
1,2-Dichlorobenzene	**3.3**	**J**	5.0	0.44	ug/L			01/28/14 02:56	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/28/14 02:56	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/28/14 02:56	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/28/14 02:56	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/28/14 02:56	1
1,4-Dichlorobenzene	**0.80**	**J**	5.0	0.51	ug/L			01/28/14 02:56	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			01/28/14 02:56	1
Acrolein	ND		100	17	ug/L			01/28/14 02:56	1
Acrylonitrile	ND		50	1.9	ug/L			01/28/14 02:56	1
Benzene	ND		5.0	0.60	ug/L			01/28/14 02:56	1
Bromoform	ND		5.0	0.47	ug/L			01/28/14 02:56	1
Bromomethane	ND		5.0	1.2	ug/L			01/28/14 02:56	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/28/14 02:56	1
Chlorobenzene	**1.2**	**J**	5.0	0.48	ug/L			01/28/14 02:56	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/28/14 02:56	1
Chloroethane	ND		5.0	0.87	ug/L			01/28/14 02:56	1
Chloroform	ND		5.0	0.54	ug/L			01/28/14 02:56	1
Chloromethane	ND		5.0	0.64	ug/L			01/28/14 02:56	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/28/14 02:56	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/28/14 02:56	1
Ethylbenzene	ND		5.0	0.46	ug/L			01/28/14 02:56	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/28/14 02:56	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/28/14 02:56	1
Toluene	ND		5.0	0.45	ug/L			01/28/14 02:56	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/28/14 02:56	1
Trichloroethene	ND		5.0	0.60	ug/L			01/28/14 02:56	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/28/14 02:56	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/28/14 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 130*		*01/28/14 02:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*69 - 121*		*01/28/14 02:56*	*1*
Toluene-d8 (Surr)	*105*		*70 - 123*		*01/28/14 02:56*	*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	0.48	ug/L		01/27/14 14:39	01/30/14 11:43	1
1,2-Dichlorobenzene	**1.4**	**J**	9.7	0.14	ug/L		01/27/14 14:39	01/30/14 11:43	1
1,2-Diphenylhydrazine	ND		9.7	0.061	ug/L		01/27/14 14:39	01/30/14 11:43	1
1,3-Dichlorobenzene	ND		9.7	0.067	ug/L		01/27/14 14:39	01/30/14 11:43	1
1,4-Dichlorobenzene	ND		9.7	0.087	ug/L		01/27/14 14:39	01/30/14 11:43	1
2,2'-oxybis[1-chloropropane]	ND		4.8	0.083	ug/L		01/27/14 14:39	01/30/14 11:43	1
2,4,6-Trichlorophenol	ND		4.8	0.23	ug/L		01/27/14 14:39	01/30/14 11:43	1
2,4-Dichlorophenol	ND		4.8	0.29	ug/L		01/27/14 14:39	01/30/14 11:43	1
2,4-Dimethylphenol	ND		4.8	0.13	ug/L		01/27/14 14:39	01/30/14 11:43	1

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

TestAmerica Job ID: 480-53794-1

Client Sample ID: BCC BSA SUMP_012414
Date Collected: 01/24/14 14:30
Date Received: 01/24/14 15:30

Lab Sample ID: 480-53794-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.7	0.81	ug/L		01/27/14 14:39	01/30/14 11:43	1
2,4-Dinitrotoluene	ND		4.8	0.26	ug/L		01/27/14 14:39	01/30/14 11:43	1
2,6-Dinitrotoluene	ND		4.8	0.69	ug/L		01/27/14 14:39	01/30/14 11:43	1
2-Chloronaphthalene	ND		4.8	0.065	ug/L		01/27/14 14:39	01/30/14 11:43	1
2-Chlorophenol	**0.98**	**J**	4.8	0.15	ug/L		01/27/14 14:39	01/30/14 11:43	1
2-Nitrophenol	ND		4.8	0.14	ug/L		01/27/14 14:39	01/30/14 11:43	1
3,3'-Dichlorobenzidine	ND		4.8	0.80	ug/L		01/27/14 14:39	01/30/14 11:43	1
4,6-Dinitro-2-methylphenol	ND		9.7	0.74	ug/L		01/27/14 14:39	01/30/14 11:43	1
4-Bromophenyl phenyl ether	ND		4.8	0.11	ug/L		01/27/14 14:39	01/30/14 11:43	1
4-Chloro-3-methylphenol	ND		4.8	0.54	ug/L		01/27/14 14:39	01/30/14 11:43	1
4-Chlorophenyl phenyl ether	ND		4.8	0.20	ug/L		01/27/14 14:39	01/30/14 11:43	1
4-Nitrophenol	ND		9.7	1.3	ug/L		01/27/14 14:39	01/30/14 11:43	1
Acenaphthene	**0.24**	**J**	4.8	0.058	ug/L		01/27/14 14:39	01/30/14 11:43	1
Acenaphthylene	ND		4.8	0.033	ug/L		01/27/14 14:39	01/30/14 11:43	1
Aniline	**16**		9.7	0.084	ug/L		01/27/14 14:39	01/30/14 11:43	1
Anthracene	ND		4.8	0.051	ug/L		01/27/14 14:39	01/30/14 11:43	1
Benzidine	ND		77	2.4	ug/L		01/27/14 14:39	01/30/14 11:43	1
Benzo[a]anthracene	ND		4.8	0.042	ug/L		01/27/14 14:39	01/30/14 11:43	1
Benzo[a]pyrene	ND		4.8	0.056	ug/L		01/27/14 14:39	01/30/14 11:43	1
Benzo[b]fluoranthene	ND		4.8	0.060	ug/L		01/27/14 14:39	01/30/14 11:43	1
Benzo[g,h,i]perylene	ND		4.8	0.097	ug/L		01/27/14 14:39	01/30/14 11:43	1
Benzo[k]fluoranthene	ND		4.8	0.040	ug/L		01/27/14 14:39	01/30/14 11:43	1
Bis(2-chloroethoxy)methane	ND		4.8	0.082	ug/L		01/27/14 14:39	01/30/14 11:43	1
Bis(2-chloroethyl)ether	ND		4.8	1.1	ug/L		01/27/14 14:39	01/30/14 11:43	1
Bis(2-ethylhexyl) phthalate	ND		9.7	0.84	ug/L		01/27/14 14:39	01/30/14 11:43	1
Butyl benzyl phthalate	ND		4.8	1.3	ug/L		01/27/14 14:39	01/30/14 11:43	1
Chrysene	ND		4.8	0.035	ug/L		01/27/14 14:39	01/30/14 11:43	1
Decane	ND		9.7	1.5	ug/L		01/27/14 14:39	01/30/14 11:43	1
Dibenz(a,h)anthracene	ND		4.8	0.054	ug/L		01/27/14 14:39	01/30/14 11:43	1
Diethyl phthalate	ND		4.8	0.17	ug/L		01/27/14 14:39	01/30/14 11:43	1
Dimethyl phthalate	ND		4.8	0.16	ug/L		01/27/14 14:39	01/30/14 11:43	1
Di-n-butyl phthalate	ND		4.8	0.91	ug/L		01/27/14 14:39	01/30/14 11:43	1
Di-n-octyl phthalate	ND		4.8	4.3	ug/L		01/27/14 14:39	01/30/14 11:43	1
Fluoranthene	ND		4.8	0.11	ug/L		01/27/14 14:39	01/30/14 11:43	1
Fluorene	ND		4.8	0.041	ug/L		01/27/14 14:39	01/30/14 11:43	1
Hexachlorobenzene	ND		4.8	0.27	ug/L		01/27/14 14:39	01/30/14 11:43	1
Hexachlorobutadiene	ND		4.8	0.60	ug/L		01/27/14 14:39	01/30/14 11:43	1
Hexachlorocyclopentadiene	ND		4.8	0.44	ug/L		01/27/14 14:39	01/30/14 11:43	1
Hexachloroethane	ND		4.8	0.47	ug/L		01/27/14 14:39	01/30/14 11:43	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.18	ug/L		01/27/14 14:39	01/30/14 11:43	1
Isophorone	ND		4.8	0.15	ug/L		01/27/14 14:39	01/30/14 11:43	1
Naphthalene	ND		4.8	0.078	ug/L		01/27/14 14:39	01/30/14 11:43	1
Nitrobenzene	ND		4.8	0.11	ug/L		01/27/14 14:39	01/30/14 11:43	1
N-Nitrosodimethylamine	ND		9.7	0.93	ug/L		01/27/14 14:39	01/30/14 11:43	1
N-Nitrosodi-n-propylamine	ND		4.8	0.22	ug/L		01/27/14 14:39	01/30/14 11:43	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		01/27/14 14:39	01/30/14 11:43	1
n-Octadecane	ND		9.7	0.68	ug/L		01/27/14 14:39	01/30/14 11:43	1
Pentachlorophenol	ND		9.7	0.40	ug/L		01/27/14 14:39	01/30/14 11:43	1
Phenanthrene	ND		4.8	0.069	ug/L		01/27/14 14:39	01/30/14 11:43	1

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

TestAmerica Job ID: 480-53794-1

Client Sample ID: BCC BSA SUMP_012414
Date Collected: 01/24/14 14:30
Date Received: 01/24/14 15:30

Lab Sample ID: 480-53794-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		4.8	0.12	ug/L		01/27/14 14:39	01/30/14 11:43	1
Pyrene	ND		4.8	0.040	ug/L		01/27/14 14:39	01/30/14 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*52 - 151*	*01/27/14 14:39*	*01/30/14 11:43*	*1*
2-Fluorobiphenyl	*84*		*44 - 120*	*01/27/14 14:39*	*01/30/14 11:43*	*1*
2-Fluorophenol	*47*		*17 - 120*	*01/27/14 14:39*	*01/30/14 11:43*	*1*
Nitrobenzene-d5	*90*		*42 - 120*	*01/27/14 14:39*	*01/30/14 11:43*	*1*
Phenol-d5	*33*		*10 - 120*	*01/27/14 14:39*	*01/30/14 11:43*	*1*
p-Terphenyl-d14	*101*		*22 - 125*	*01/27/14 14:39*	*01/30/14 11:43*	*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		01/28/14 06:26	01/29/14 00:06	1
PCB-1221	ND		0.058	0.037	ug/L		01/28/14 06:26	01/29/14 00:06	1
PCB-1232	ND		0.058	0.037	ug/L		01/28/14 06:26	01/29/14 00:06	1
PCB-1242	ND		0.058	0.037	ug/L		01/28/14 06:26	01/29/14 00:06	1
PCB-1248	ND		0.058	0.037	ug/L		01/28/14 06:26	01/29/14 00:06	1
PCB-1254	**0.76**		0.058	0.030	ug/L		01/28/14 06:26	01/29/14 00:06	1
PCB-1260	ND		0.058	0.030	ug/L		01/28/14 06:26	01/29/14 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*10 - 158*	*01/28/14 06:26*	*01/29/14 00:06*	*1*
Tetrachloro-m-xylene	*78*		*18 - 146*	*01/28/14 06:26*	*01/29/14 00:06*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0031**	**J**	0.0040	0.0010	mg/L		01/27/14 09:30	01/28/14 15:08	1
Copper	**0.0067**	**J B**	0.010	0.0016	mg/L		01/27/14 09:30	01/28/14 15:08	1
Lead	**0.0030**	**J**	0.0050	0.0030	mg/L		01/27/14 09:30	01/28/14 15:08	1
Nickel	**0.0038**	**J**	0.010	0.0013	mg/L		01/27/14 09:30	01/28/14 15:08	1
Zinc	**0.014**	**B**	0.010	0.0015	mg/L		01/27/14 09:30	01/28/14 15:08	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		01/27/14 08:30	01/27/14 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.0091**	**J**	0.010	0.0050	mg/L		01/29/14 12:01	01/30/14 09:14	1
Cyanide, Amenable	**0.025**		0.010	0.0050	mg/L			02/07/14 15:57	1
Phosphorus	**0.16**		0.010	0.0050	mg/L as P			01/29/14 09:46	1
Biochemical Oxygen Demand	**22.9**	**b**	2.0	2.0	mg/L			01/24/14 09:38	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/24/14 17:02	1
pH	**8.68**	**HF**	0.100	0.100	SU			01/24/14 21:12	1

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

TestAmerica Job ID: 480-53794-1

Client Sample ID: TB
Date Collected: 01/24/14 00:00
Date Received: 01/24/14 15:30

Lab Sample ID: 480-53794-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			01/28/14 03:20	1
Acrylonitrile	ND		100	1.9	ug/L			01/28/14 03:20	1
Benzene	ND		5.0	0.60	ug/L			01/28/14 03:20	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/28/14 03:20	1
Bromoform	ND		5.0	0.47	ug/L			01/28/14 03:20	1
Bromomethane	ND		5.0	1.2	ug/L			01/28/14 03:20	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/28/14 03:20	1
Chlorobenzene	ND		5.0	0.48	ug/L			01/28/14 03:20	1
Chloroethane	ND		5.0	0.87	ug/L			01/28/14 03:20	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			01/28/14 03:20	1
Chloroform	ND		5.0	0.54	ug/L			01/28/14 03:20	1
Chloromethane	ND		5.0	0.64	ug/L			01/28/14 03:20	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/28/14 03:20	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/28/14 03:20	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/28/14 03:20	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/28/14 03:20	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/28/14 03:20	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/28/14 03:20	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/28/14 03:20	1
Ethylbenzene	ND		5.0	0.46	ug/L			01/28/14 03:20	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/28/14 03:20	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/28/14 03:20	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/28/14 03:20	1
Toluene	ND		5.0	0.45	ug/L			01/28/14 03:20	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			01/28/14 03:20	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/28/14 03:20	1
Trichloroethene	ND		5.0	0.60	ug/L			01/28/14 03:20	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/28/14 03:20	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			01/28/14 03:20	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/28/14 03:20	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/28/14 03:20	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			01/28/14 03:20	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/28/14 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 130*		*01/28/14 03:20*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*		*01/28/14 03:20*	*1*
Toluene-d8 (Surr)	*108*		*70 - 123*		*01/28/14 03:20*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-53794-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-53794-1	BCC BSA SUMP_012414	115	98	105
480-53794-2	TB	117	100	108
LCS 480-163347/5	Lab Control Sample	113	100	110
MB 480-163347/6	Method Blank	110	100	104

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-53794-1	BCC BSA SUMP_012414	113	84	47	90	33	101
LCS 480-163387/2-A	Lab Control Sample	104	76	41	79	29	100
LCSD 480-163387/3-A	Lab Control Sample Dup	106	77	41	81	31	105
MB 480-163387/1-A	Method Blank	87	66	31	61	25	107

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)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-158)	(18-146)
480-53794-1	BCC BSA SUMP_012414	31	78
LCS 480-163439/2-A	Lab Control Sample	74	95
LCSD 480-163439/3-A	Lab Control Sample Dup	69	98
MB 480-163439/1-A	Method Blank	84	101

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

TestAmerica Job ID: 480-53794-1

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

Lab Sample ID: MB 480-163347/6
Matrix: Water
Analysis Batch: 163347

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			01/27/14 13:31	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/27/14 13:31	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/27/14 13:31	1
Acrolein	ND		100	17	ug/L			01/27/14 13:31	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/27/14 13:31	1
Acrylonitrile	ND		50	1.9	ug/L			01/27/14 13:31	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/27/14 13:31	1
Benzene	ND		5.0	0.60	ug/L			01/27/14 13:31	1
Bromoform	ND		5.0	0.47	ug/L			01/27/14 13:31	1
Bromomethane	ND		5.0	1.2	ug/L			01/27/14 13:31	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/27/14 13:31	1
Chlorobenzene	ND		5.0	0.48	ug/L			01/27/14 13:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/27/14 13:31	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/27/14 13:31	1
Chloroethane	ND		5.0	0.87	ug/L			01/27/14 13:31	1
Chloroform	ND		5.0	0.54	ug/L			01/27/14 13:31	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			01/27/14 13:31	1
Chloromethane	ND		5.0	0.64	ug/L			01/27/14 13:31	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/27/14 13:31	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/27/14 13:31	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/27/14 13:31	1
Ethylbenzene	ND		5.0	0.46	ug/L			01/27/14 13:31	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/27/14 13:31	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/27/14 13:31	1
Toluene	ND		5.0	0.45	ug/L			01/27/14 13:31	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			01/27/14 13:31	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/27/14 13:31	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/27/14 13:31	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/27/14 13:31	1
Trichloroethene	ND		5.0	0.60	ug/L			01/27/14 13:31	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			01/27/14 13:31	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/27/14 13:31	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/27/14 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 130*		*01/27/14 13:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*		*01/27/14 13:31*	*1*
Toluene-d8 (Surr)	*104*		*70 - 123*		*01/27/14 13:31*	*1*

Lab Sample ID: LCS 480-163347/5
Matrix: Water
Analysis Batch: 163347

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	100	104		ug/L		104	1 - 305
1,1-Dichloroethane	20.0	19.8		ug/L		99	59 - 155
1,2-Dichloroethane	20.0	20.7		ug/L		104	49 - 155
1,1-Dichloroethene	20.0	18.6		ug/L		93	1 - 234

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

Lab Sample ID: LCS 480-163347/5
Matrix: Water
Analysis Batch: 163347

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	19.6		ug/L		98	1 - 210
Benzene	20.0	19.5		ug/L		98	37 - 151
Bromoform	20.0	22.3		ug/L		112	45 - 169
Bromomethane	20.0	23.9		ug/L		120	1 - 242
Carbon tetrachloride	20.0	20.2		ug/L		101	70 - 140
Chlorobenzene	20.0	21.3		ug/L		107	37 - 160
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	46 - 157
Dibromochloromethane	20.0	21.9		ug/L		110	53 - 149
Chloroethane	20.0	23.1		ug/L		116	14 - 230
Chloroform	20.0	20.3		ug/L		101	51 - 138
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	52 - 162
Chloromethane	20.0	24.4		ug/L		122	1 - 273
1,1,2-Trichloroethane	20.0	24.3		ug/L		121	52 - 150
cis-1,3-Dichloropropene	20.0	19.7		ug/L		98	1 - 227
Bromodichloromethane	20.0	20.3		ug/L		101	35 - 155
Ethylbenzene	20.0	21.5		ug/L		107	37 - 162
Methylene Chloride	20.0	19.4		ug/L		97	1 - 221
Tetrachloroethene	20.0	21.7		ug/L		109	64 - 148
Toluene	20.0	21.8		ug/L		109	47 - 150
1,2-Dichlorobenzene	20.0	23.8		ug/L		119	18 - 190
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	17 - 183
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	59 - 156
Trichloroethene	20.0	21.3		ug/L		106	71 - 157
1,4-Dichlorobenzene	20.0	22.3		ug/L		112	18 - 190
Trichlorofluoromethane	20.0	25.6		ug/L		128	17 - 181
Vinyl chloride	20.0	24.2		ug/L		121	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 130*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*
Toluene-d8 (Surr)	*110*		*70 - 123*

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

Lab Sample ID: MB 480-163387/1-A
Matrix: Water
Analysis Batch: 163812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		01/27/14 14:39	01/30/14 09:09	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		01/27/14 14:39	01/30/14 09:09	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		01/27/14 14:39	01/30/14 09:09	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		01/27/14 14:39	01/30/14 09:09	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		01/27/14 14:39	01/30/14 09:09	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.086	ug/L		01/27/14 14:39	01/30/14 09:09	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		01/27/14 14:39	01/30/14 09:09	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		01/27/14 14:39	01/30/14 09:09	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		01/27/14 14:39	01/30/14 09:09	1

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

Lab Sample ID: MB 480-163387/1-A
Matrix: Water
Analysis Batch: 163812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		01/27/14 14:39	01/30/14 09:09	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		01/27/14 14:39	01/30/14 09:09	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		01/27/14 14:39	01/30/14 09:09	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		01/27/14 14:39	01/30/14 09:09	1
2-Chlorophenol	ND		5.0	0.16	ug/L		01/27/14 14:39	01/30/14 09:09	1
2-Nitrophenol	ND		5.0	0.14	ug/L		01/27/14 14:39	01/30/14 09:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		01/27/14 14:39	01/30/14 09:09	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		01/27/14 14:39	01/30/14 09:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		01/27/14 14:39	01/30/14 09:09	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		01/27/14 14:39	01/30/14 09:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		01/27/14 14:39	01/30/14 09:09	1
4-Nitrophenol	ND		10	1.3	ug/L		01/27/14 14:39	01/30/14 09:09	1
Acenaphthene	ND		5.0	0.060	ug/L		01/27/14 14:39	01/30/14 09:09	1
Acenaphthylene	ND		5.0	0.034	ug/L		01/27/14 14:39	01/30/14 09:09	1
Aniline	ND		10	0.087	ug/L		01/27/14 14:39	01/30/14 09:09	1
Anthracene	ND		5.0	0.052	ug/L		01/27/14 14:39	01/30/14 09:09	1
Benzidine	ND		80	2.5	ug/L		01/27/14 14:39	01/30/14 09:09	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		01/27/14 14:39	01/30/14 09:09	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		01/27/14 14:39	01/30/14 09:09	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		01/27/14 14:39	01/30/14 09:09	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		01/27/14 14:39	01/30/14 09:09	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		01/27/14 14:39	01/30/14 09:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		01/27/14 14:39	01/30/14 09:09	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		01/27/14 14:39	01/30/14 09:09	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		01/27/14 14:39	01/30/14 09:09	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		01/27/14 14:39	01/30/14 09:09	1
Chrysene	ND		5.0	0.036	ug/L		01/27/14 14:39	01/30/14 09:09	1
Decane	ND		10	1.6	ug/L		01/27/14 14:39	01/30/14 09:09	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		01/27/14 14:39	01/30/14 09:09	1
Diethyl phthalate	ND		5.0	0.17	ug/L		01/27/14 14:39	01/30/14 09:09	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		01/27/14 14:39	01/30/14 09:09	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		01/27/14 14:39	01/30/14 09:09	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		01/27/14 14:39	01/30/14 09:09	1
Fluoranthene	ND		5.0	0.11	ug/L		01/27/14 14:39	01/30/14 09:09	1
Fluorene	ND		5.0	0.043	ug/L		01/27/14 14:39	01/30/14 09:09	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		01/27/14 14:39	01/30/14 09:09	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		01/27/14 14:39	01/30/14 09:09	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		01/27/14 14:39	01/30/14 09:09	1
Hexachloroethane	ND		5.0	0.48	ug/L		01/27/14 14:39	01/30/14 09:09	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		01/27/14 14:39	01/30/14 09:09	1
Isophorone	ND		5.0	0.16	ug/L		01/27/14 14:39	01/30/14 09:09	1
Naphthalene	ND		5.0	0.080	ug/L		01/27/14 14:39	01/30/14 09:09	1
Nitrobenzene	ND		5.0	0.11	ug/L		01/27/14 14:39	01/30/14 09:09	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		01/27/14 14:39	01/30/14 09:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		01/27/14 14:39	01/30/14 09:09	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		01/27/14 14:39	01/30/14 09:09	1
n-Octadecane	ND		10	0.70	ug/L		01/27/14 14:39	01/30/14 09:09	1
Pentachlorophenol	ND		10	0.41	ug/L		01/27/14 14:39	01/30/14 09:09	1

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

Lab Sample ID: MB 480-163387/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163812 — **Prep Batch: 163387**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		5.0	0.071	ug/L		01/27/14 14:39	01/30/14 09:09	1
Phenol	ND		5.0	0.12	ug/L		01/27/14 14:39	01/30/14 09:09	1
Pyrene	ND		5.0	0.041	ug/L		01/27/14 14:39	01/30/14 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 151*	*01/27/14 14:39*	*01/30/14 09:09*	*1*
2-Fluorobiphenyl	*66*		*44 - 120*	*01/27/14 14:39*	*01/30/14 09:09*	*1*
2-Fluorophenol	*31*		*17 - 120*	*01/27/14 14:39*	*01/30/14 09:09*	*1*
Nitrobenzene-d5	*61*		*42 - 120*	*01/27/14 14:39*	*01/30/14 09:09*	*1*
Phenol-d5	*25*		*10 - 120*	*01/27/14 14:39*	*01/30/14 09:09*	*1*
p-Terphenyl-d14	*107*		*22 - 125*	*01/27/14 14:39*	*01/30/14 09:09*	*1*

Lab Sample ID: LCS 480-163387/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163812 — **Prep Batch: 163387**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	35.6		ug/L		71	44 - 142
1,2-Dichlorobenzene	50.0	31.5		ug/L		63	32 - 129
1,3-Dichlorobenzene	50.0	30.6		ug/L		61	1 - 172
1,4-Dichlorobenzene	50.0	30.8		ug/L		62	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	37.1		ug/L		74	36 - 166
2,4,6-Trichlorophenol	50.0	48.2		ug/L		96	37 - 144
2,4-Dichlorophenol	50.0	43.1		ug/L		86	39 - 135
2,4-Dimethylphenol	50.0	42.8		ug/L		86	32 - 119
2,4-Dinitrophenol	100	93.3		ug/L		93	1 - 191
2,4-Dinitrotoluene	50.0	52.0		ug/L		104	39 - 139
2,6-Dinitrotoluene	50.0	47.6		ug/L		95	50 - 158
2-Chloronaphthalene	50.0	41.3		ug/L		83	60 - 118
2-Chlorophenol	50.0	37.4		ug/L		75	23 - 134
2-Nitrophenol	50.0	43.6		ug/L		87	29 - 182
3,3'-Dichlorobenzidine	50.0	48.8		ug/L		98	1 - 262
4,6-Dinitro-2-methylphenol	100	93.1		ug/L		93	1 - 181
4-Bromophenyl phenyl ether	50.0	48.1		ug/L		96	53 - 127
4-Chloro-3-methylphenol	50.0	47.4		ug/L		95	22 - 147
4-Chlorophenyl phenyl ether	50.0	51.1		ug/L		102	25 - 158
4-Nitrophenol	100	50.8		ug/L		51	1 - 132
Acenaphthene	50.0	41.2		ug/L		82	47 - 145
Acenaphthylene	50.0	42.3		ug/L		85	33 - 145
Aniline	50.0	37.3		ug/L		75	40 - 120
Anthracene	50.0	48.9		ug/L		98	27 - 133
Benzo[a]anthracene	50.0	52.8		ug/L		106	33 - 143
Benzo[a]pyrene	50.0	46.6		ug/L		93	17 - 163
Benzo[b]fluoranthene	50.0	44.0		ug/L		88	24 - 159
Benzo[g,h,i]perylene	50.0	49.6		ug/L		99	1 - 219
Benzo[k]fluoranthene	50.0	46.0		ug/L		92	11 - 162
Bis(2-chloroethoxy)methane	50.0	38.8		ug/L		78	33 - 184
Bis(2-chloroethyl)ether	50.0	35.3		ug/L		71	12 - 158

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

Lab Sample ID: LCS 480-163387/2-A
Matrix: Water
Analysis Batch: 163812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	50.0	59.0		ug/L		118	8 - 158
Butyl benzyl phthalate	50.0	49.5		ug/L		99	1 - 152
Chrysene	50.0	47.5		ug/L		95	17 - 168
Dibenz(a,h)anthracene	50.0	50.2		ug/L		100	1 - 227
Diethyl phthalate	50.0	50.7		ug/L		101	1 - 114
Dimethyl phthalate	50.0	47.4		ug/L		95	1 - 112
Di-n-butyl phthalate	50.0	51.1		ug/L		102	1 - 118
Di-n-octyl phthalate	50.0	53.7		ug/L		107	4 - 146
Fluoranthene	50.0	51.7		ug/L		103	26 - 137
Fluorene	50.0	50.0		ug/L		100	59 - 121
Hexachlorobenzene	50.0	50.3		ug/L		101	1 - 152
Hexachlorocyclopentadiene	50.0	32.3		ug/L		65	5 - 120
Hexachloroethane	50.0	31.0		ug/L		62	40 - 113
Indeno[1,2,3-cd]pyrene	50.0	49.4		ug/L		99	1 - 171
Isophorone	50.0	40.3		ug/L		81	21 - 196
Naphthalene	50.0	37.9		ug/L		76	21 - 133
Nitrobenzene	50.0	41.5		ug/L		83	35 - 180
N-Nitrosodi-n-propylamine	50.0	40.3		ug/L		81	1 - 230
N-Nitrosodiphenylamine	50.0	42.2		ug/L		84	54 - 125
Pentachlorophenol	100	116		ug/L		116	14 - 176
Phenanthrene	50.0	48.9		ug/L		98	54 - 120
Phenol	50.0	15.3		ug/L		31	5 - 112
Pyrene	50.0	47.8		ug/L		96	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 151*
2-Fluorobiphenyl	*76*		*44 - 120*
2-Fluorophenol	*41*		*17 - 120*
Nitrobenzene-d5	*79*		*42 - 120*
Phenol-d5	*29*		*10 - 120*
p-Terphenyl-d14	*100*		*22 - 125*

Lab Sample ID: LCSD 480-163387/3-A
Matrix: Water
Analysis Batch: 163812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 163387

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	50.0	37.4		ug/L		75	44 - 142	5	34
1,2-Dichlorobenzene	50.0	33.0		ug/L		66	32 - 129	5	38
1,3-Dichlorobenzene	50.0	32.4		ug/L		65	1 - 172	6	37
1,4-Dichlorobenzene	50.0	32.3		ug/L		65	20 - 124	5	40
2,2'-oxybis[1-chloropropane]	50.0	38.7		ug/L		77	36 - 166	4	36
2,4,6-Trichlorophenol	50.0	50.2		ug/L		100	37 - 144	4	20
2,4-Dichlorophenol	50.0	45.1		ug/L		90	39 - 135	4	23
2,4-Dimethylphenol	50.0	44.2		ug/L		88	32 - 119	3	18
2,4-Dinitrophenol	100	99.5		ug/L		100	1 - 191	6	29
2,4-Dinitrotoluene	50.0	53.3		ug/L		107	39 - 139	3	20
2,6-Dinitrotoluene	50.0	49.1		ug/L		98	50 - 158	3	17

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

Lab Sample ID: LCSD 480-163387/3-A
Matrix: Water
Analysis Batch: 163812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 163387

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene			50.0	43.0		ug/L		86	60 - 118	4	30
2-Chlorophenol			50.0	38.1		ug/L		76	23 - 134	2	26
2-Nitrophenol			50.0	46.5		ug/L		93	29 - 182	6	28
3,3'-Dichlorobenzidine			50.0	49.8		ug/L		100	1 - 262	2	31
4,6-Dinitro-2-methylphenol			100	96.9		ug/L		97	1 - 181	4	30
4-Bromophenyl phenyl ether			50.0	49.7		ug/L		99	53 - 127	3	16
4-Chloro-3-methylphenol			50.0	49.0		ug/L		98	22 - 147	3	16
4-Chlorophenyl phenyl ether			50.0	52.6		ug/L		105	25 - 158	3	15
4-Nitrophenol			100	51.7		ug/L		52	1 - 132	2	24
Acenaphthene			50.0	42.2		ug/L		84	47 - 145	2	25
Acenaphthylene			50.0	43.8		ug/L		88	33 - 145	4	22
Aniline			50.0	39.6		ug/L		79	40 - 120	6	30
Anthracene			50.0	49.8		ug/L		100	27 - 133	2	15
Benzo[a]anthracene			50.0	53.6		ug/L		107	33 - 143	2	15
Benzo[a]pyrene			50.0	48.3		ug/L		97	17 - 163	4	15
Benzo[b]fluoranthene			50.0	42.8		ug/L		86	24 - 159	3	17
Benzo[g,h,i]perylene			50.0	51.0		ug/L		102	1 - 219	3	19
Benzo[k]fluoranthene			50.0	51.3		ug/L		103	11 - 162	11	19
Bis(2-chloroethoxy)methane			50.0	39.6		ug/L		79	33 - 184	2	23
Bis(2-chloroethyl)ether			50.0	35.9		ug/L		72	12 - 158	2	33
Bis(2-ethylhexyl) phthalate			50.0	62.2		ug/L		124	8 - 158	5	15
Butyl benzyl phthalate			50.0	51.8		ug/L		104	1 - 152	4	15
Chrysene			50.0	50.5		ug/L		101	17 - 168	6	15
Dibenz(a,h)anthracene			50.0	52.7		ug/L		105	1 - 227	5	18
Diethyl phthalate			50.0	51.4		ug/L		103	1 - 114	1	15
Dimethyl phthalate			50.0	49.0		ug/L		98	1 - 112	3	15
Di-n-butyl phthalate			50.0	52.3		ug/L		105	1 - 118	2	15
Di-n-octyl phthalate			50.0	55.9		ug/L		112	4 - 146	4	15
Fluoranthene			50.0	52.6		ug/L		105	26 - 137	2	15
Fluorene			50.0	51.6		ug/L		103	59 - 121	3	18
Hexachlorobenzene			50.0	51.3		ug/L		103	1 - 152	2	15
Hexachlorocyclopentadiene			50.0	34.6		ug/L		69	5 - 120	7	50
Hexachloroethane			50.0	33.3		ug/L		67	40 - 113	7	43
Indeno[1,2,3-cd]pyrene			50.0	50.9		ug/L		102	1 - 171	3	17
Isophorone			50.0	41.2		ug/L		82	21 - 196	2	21
Naphthalene			50.0	39.9		ug/L		80	21 - 133	5	31
Nitrobenzene			50.0	42.5		ug/L		85	35 - 180	3	27
N-Nitrosodi-n-propylamine			50.0	42.2		ug/L		84	1 - 230	4	23
N-Nitrosodiphenylamine			50.0	42.9		ug/L		86	54 - 125	2	15
Pentachlorophenol			100	121		ug/L		121	14 - 176	4	21
Phenanthrene			50.0	49.1		ug/L		98	54 - 120	0	16
Phenol			50.0	16.7		ug/L		33	5 - 112	8	36
Pyrene			50.0	49.2		ug/L		98	52 - 115	3	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*106*		*52 - 151*
2-Fluorobiphenyl	*77*		*44 - 120*
2-Fluorophenol	*41*		*17 - 120*

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

Lab Sample ID: LCSD 480-163387/3-A
Matrix: Water
Analysis Batch: 163812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 163387

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*81*		*42 - 120*
Phenol-d5	*31*		*10 - 120*
p-Terphenyl-d14	*105*		*22 - 125*

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

Lab Sample ID: MB 480-163439/1-A
Matrix: Water
Analysis Batch: 163489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163439

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		01/28/14 06:26	01/28/14 20:24	1
PCB-1221	ND		0.060	0.038	ug/L		01/28/14 06:26	01/28/14 20:24	1
PCB-1232	ND		0.060	0.038	ug/L		01/28/14 06:26	01/28/14 20:24	1
PCB-1242	ND		0.060	0.038	ug/L		01/28/14 06:26	01/28/14 20:24	1
PCB-1248	ND		0.060	0.038	ug/L		01/28/14 06:26	01/28/14 20:24	1
PCB-1254	ND		0.060	0.031	ug/L		01/28/14 06:26	01/28/14 20:24	1
PCB-1260	ND		0.060	0.031	ug/L		01/28/14 06:26	01/28/14 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 158*	*01/28/14 06:26*	*01/28/14 20:24*	*1*
Tetrachloro-m-xylene	*101*		*18 - 146*	*01/28/14 06:26*	*01/28/14 20:24*	*1*

Lab Sample ID: LCS 480-163439/2-A
Matrix: Water
Analysis Batch: 163489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163439

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2.00	1.73		ug/L		86	44 - 154		
PCB-1260			2.00	1.85		ug/L		92	34 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*74*		*10 - 158*
Tetrachloro-m-xylene	*95*		*18 - 146*

Lab Sample ID: LCSD 480-163439/3-A
Matrix: Water
Analysis Batch: 163489

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 163439

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			2.00	1.72		ug/L		86	44 - 154	0	30
PCB-1260			2.00	1.85		ug/L		93	34 - 150	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*10 - 158*
Tetrachloro-m-xylene	*98*		*18 - 146*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-163282/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163639 — **Prep Batch: 163282**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		01/27/14 09:30	01/28/14 13:49	1
Copper	0.00191	J	0.010	0.0016	mg/L		01/27/14 09:30	01/28/14 13:49	1
Lead	ND		0.0050	0.0030	mg/L		01/27/14 09:30	01/28/14 13:49	1
Nickel	ND		0.010	0.0013	mg/L		01/27/14 09:30	01/28/14 13:49	1
Zinc	0.00163	J	0.010	0.0015	mg/L		01/27/14 09:30	01/28/14 13:49	1

Lab Sample ID: LCS 480-163282/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163639 — **Prep Batch: 163282**

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	0.212		mg/L		106	85 - 115
Lead	0.200	0.186		mg/L		93	85 - 115
Nickel	0.200	0.190		mg/L		95	85 - 115
Zinc	0.200	0.184		mg/L		92	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-163284/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163368 — **Prep Batch: 163284**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/27/14 08:30	01/27/14 11:20	1

Lab Sample ID: LCS 480-163284/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163368 — **Prep Batch: 163284**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00637		mg/L		95	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-163708/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163843 — **Prep Batch: 163708**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		01/29/14 12:01	01/30/14 09:05	1

Lab Sample ID: LCS 480-163708/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163843 — **Prep Batch: 163708**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.100		mg/L		100	90 - 110

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

Lab Sample ID: MB 480-163199/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163199

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/24/14 16:45	1

Lab Sample ID: LCS 480-163199/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163199

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	236	219.6		mg/L		93	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-163223/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.030		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-163697/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			01/29/14 09:27	1

Lab Sample ID: LCS 480-163697/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.200	0.185		mg/L as P		93	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-163158/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163158

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			01/24/14 09:38	1

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

TestAmerica Job ID: 480-53794-1

Method: SM 5210B - BOD, 5-Day (Continued)

Lab Sample ID: LCS 480-163158/2
Matrix: Water
Analysis Batch: 163158

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	224.6		mg/L		113	85 - 115

GC/MS VOA

Analysis Batch: 163347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	624	
480-53794-2	TB	Total/NA	Water	624	
LCS 480-163347/5	Lab Control Sample	Total/NA	Water	624	
MB 480-163347/6	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 163387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	625	
LCS 480-163387/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-163387/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-163387/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 163812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	625	163387
LCS 480-163387/2-A	Lab Control Sample	Total/NA	Water	625	163387
LCSD 480-163387/3-A	Lab Control Sample Dup	Total/NA	Water	625	163387
MB 480-163387/1-A	Method Blank	Total/NA	Water	625	163387

GC Semi VOA

Prep Batch: 163439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	3510C	
LCS 480-163439/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-163439/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-163439/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 163489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	608	163439
LCS 480-163439/2-A	Lab Control Sample	Total/NA	Water	608	163439
LCSD 480-163439/3-A	Lab Control Sample Dup	Total/NA	Water	608	163439
MB 480-163439/1-A	Method Blank	Total/NA	Water	608	163439

Metals

Prep Batch: 163282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	200.7	
LCS 480-163282/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-163282/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 163284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	245.1	
LCS 480-163284/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-163284/1-A	Method Blank	Total/NA	Water	245.1	

Metals (Continued)

Analysis Batch: 163368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	245.1	163284
LCS 480-163284/2-A	Lab Control Sample	Total/NA	Water	245.1	163284
MB 480-163284/1-A	Method Blank	Total/NA	Water	245.1	163284

Analysis Batch: 163639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	200.7 Rev 4.4	163282
LCS 480-163282/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	163282
MB 480-163282/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	163282

General Chemistry

Analysis Batch: 163158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	SM 5210B	
LCS 480-163158/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-163158/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 163199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	SM 2540D	
LCS 480-163199/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-163199/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 163223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	SM 4500 H+ B	
LCS 480-163223/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 163697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	SM 4500 P E	
LCS 480-163697/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-163697/3	Method Blank	Total/NA	Water	SM 4500 P E	

Prep Batch: 163708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	Distill/Phenol	
LCS 480-163708/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-163708/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 163843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	420.4	163708
LCS 480-163708/2-A	Lab Control Sample	Total/NA	Water	420.4	163708
MB 480-163708/1-A	Method Blank	Total/NA	Water	420.4	163708

Analysis Batch: 165055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53794-1	BCC BSA SUMP_012414	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

TestAmerica Job ID: 480-53794-1

Client Sample ID: BCC BSA SUMP_012414

Lab Sample ID: 480-53794-1

Date Collected: 01/24/14 14:30

Matrix: Water

Date Received: 01/24/14 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	163347	01/28/14 02:56	TRB	TAL BUF
Total/NA	Prep	625			163387	01/27/14 14:39	JRL	TAL BUF
Total/NA	Analysis	625		1	163812	01/30/14 11:43	ANM	TAL BUF
Total/NA	Prep	3510C			163439	01/28/14 06:26	KEB	TAL BUF
Total/NA	Analysis	608		1	163489	01/29/14 00:06	JMM	TAL BUF
Total/NA	Prep	245.1			163284	01/27/14 08:30	JRK	TAL BUF
Total/NA	Analysis	245.1		1	163368	01/27/14 11:41	JRK	TAL BUF
Total/NA	Prep	200.7			163282	01/27/14 09:30	EHD	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	163639	01/28/14 15:08	AMH	TAL BUF
Total/NA	Analysis	SM 5210B		1	163158	01/24/14 09:38	MDL	TAL BUF
Total/NA	Analysis	SM 2540D		1	163199	01/24/14 17:02	KS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	163223	01/24/14 21:12	KS	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	163697	01/29/14 09:46	KJ1	TAL BUF
Total/NA	Prep	Distill/Phenol			163708	01/29/14 12:01	KJ1	TAL BUF
Total/NA	Analysis	420.4		1	163843	01/30/14 09:14	NCH	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	165055	02/07/14 15:57	KMF	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-53794-2

Date Collected: 01/24/14 00:00

Matrix: Water

Date Received: 01/24/14 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	163347	01/28/14 03:20	TRB	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

TestAmerica Job ID: 480-53794-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	04-01-14
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14 *
West Virginia DEP	State Program	3	252	03-31-14
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-53794-1

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
420.4	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: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-53794-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-53794-1	BCC BSA SUMP_012414	Water	01/24/14 14:30	01/24/14 15:30
480-53794-2	TB	Water	01/24/14 00:00	01/24/14 15:30

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 1-24-14	COC No: 26355.0124 14
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W)			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week			
Site: Buffalo Color - NY7A9728	[ ] 2 days			
PO# 52954	[ ] 1 day			

Flow Rates (GPM)
EW-1: 7.55
EW-2: 0.80
EW-3A: 4.17
EW-4: 1.07
EW-5:

Composite Percent (%)
DC-1: 61
DC-2: 39

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7 , 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH	Sample Specific Notes:
BCC_BSA_Sump_ 012414	1/24/14	1420	C	W	19	N	1	1	1	8	2	2	1	1	1	1	Lab to composite 624 for BCC BSA Sump samples prior to analysis
Trip Blank	N/A	N/A	N/A	N/A						2 1							
Container Volume (ml)							250	250	250	40	1000	1000	1000	500	250	125	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P	

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	1/24/14		THS	1-24-14 0830
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 3,8

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-53794-1

Login Number: 53794

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

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

TestAmerica

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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: 480-55924-1
Client Project/Site: 37745-Buffalo Color- Monthly SUMP
Sampling Event: Buffalo Color - Monthly Sump

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

Attn: Andrew Madden

Authorized for release by:
3/26/2014 10:17:56 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
HF	Field parameter with a holding time of 15 minutes
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.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-55924-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-55924-1

Comments
No additional comments.

Receipt
The samples were received on 3/12/2014 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA
Method(s) 624: The following sample(s) was composited by the laboratory on 3/13/14 as requested on the chain-of-custody: BCC BSA SUMP (480-55924-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 625: The continuing calibration verification (CCV) associated with batch 170401 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-170401/7).

Method(s) 625: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 170241 recovered outside control limits for the following analytes: n-Decane. This analyte is a non-625 method analyte; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 608: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Tetrachloro-m-xylene exceeded 15%, indicating a high bias. (CCV 480-170325/10), (CCV 480-170325/31), (CCV 480-170325/43)

Method(s) 608: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Decachlorobiphenyl was decreased and slightly exceeded 15%, indicating a low bias. (CCV 480-170325/10)

No other analytical or quality issues were noted.

Metals
Method(s) 200.7 Rev 4.4: The Method Blank for batch 480-170059 contained total zinc above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample BCC BSA SUMP (480-55924-1) was not performed.

No other analytical or quality issues were noted.

General Chemistry
Method(s) 335.4, 9012B, SM 4500 CN E: The method blank for batch 171063 contained cyanide above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. BCC BSA SUMP (480-55924-1)

Method(s) SM 4500 P E: The results reported for the following sample(s) do not concur with results previously reported for this site: BCC BSA SUMP (480-55924-1). Reanalysis was performed, and the result(s) confirmed.

Method(s) SM 5210B: The USB dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results in batch 169978 are reported. (USB 480-169978/1)

Method(s) SM 4500 H+ B: The following sample(s) was received outside of holding time: BCC BSA SUMP (480-55924-1).

Job ID: 480-55924-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

No other analytical or quality issues were noted.

Organic Prep

Method(s) 625: Insufficient sample volume was available to perform a matrix spike (MS) associated with batch 170241.

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-55924-1

Client Sample ID: BCC BSA SUMP — Lab Sample ID: 480-55924-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.1	J	5.0	0.44	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.2	J	5.0	0.51	ug/L	1		624	Total/NA
Benzene	6.1		5.0	0.60	ug/L	1		624	Total/NA
Chlorobenzene	37		5.0	0.48	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	1.6	J	9.6	0.14	ug/L	1		625	Total/NA
1,4-Dichlorobenzene	0.33	J	9.6	0.086	ug/L	1		625	Total/NA
Acenaphthene	0.14	J	4.8	0.058	ug/L	1		625	Total/NA
Aniline	4.0	J	9.6	0.083	ug/L	1		625	Total/NA
Naphthalene	0.53	J	4.8	0.077	ug/L	1		625	Total/NA
Chromium	0.0043		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.019		0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0041	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.015	B	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0070	J	0.010	0.0050	mg/L	1		420.4	Total/NA
Cyanide, Amenable	0.025		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Phosphorus	0.37		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	18.2	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	5.6		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.93	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-55924-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-55924-1

Client Sample ID: BCC BSA SUMP
Date Collected: 03/12/14 13:30
Date Received: 03/12/14 15:00

Lab Sample ID: 480-55924-1
Matrix: Water

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			03/13/14 19:18	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/13/14 19:18	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/13/14 19:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/13/14 19:18	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/13/14 19:18	1
1,2-Dichlorobenzene	**2.1**	**J**	5.0	0.44	ug/L			03/13/14 19:18	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/13/14 19:18	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/13/14 19:18	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/13/14 19:18	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/13/14 19:18	1
1,4-Dichlorobenzene	**1.2**	**J**	5.0	0.51	ug/L			03/13/14 19:18	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/13/14 19:18	1
Acrolein	ND		100	17	ug/L			03/13/14 19:18	1
Acrylonitrile	ND		50	1.9	ug/L			03/13/14 19:18	1
Benzene	**6.1**		5.0	0.60	ug/L			03/13/14 19:18	1
Bromoform	ND		5.0	0.47	ug/L			03/13/14 19:18	1
Bromomethane	ND		5.0	1.2	ug/L			03/13/14 19:18	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/13/14 19:18	1
Chlorobenzene	**37**		5.0	0.48	ug/L			03/13/14 19:18	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/13/14 19:18	1
Chloroethane	ND		5.0	0.87	ug/L			03/13/14 19:18	1
Chloroform	ND		5.0	0.54	ug/L			03/13/14 19:18	1
Chloromethane	ND		5.0	0.64	ug/L			03/13/14 19:18	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/13/14 19:18	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/13/14 19:18	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/13/14 19:18	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/13/14 19:18	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/13/14 19:18	1
Toluene	ND		5.0	0.45	ug/L			03/13/14 19:18	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/13/14 19:18	1
Trichloroethene	ND		5.0	0.60	ug/L			03/13/14 19:18	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/13/14 19:18	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/13/14 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*		*03/13/14 19:18*	*1*
4-Bromofluorobenzene (Surr)	*97*		*69 - 121*		*03/13/14 19:18*	*1*
Toluene-d8 (Surr)	*92*		*70 - 123*		*03/13/14 19:18*	*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	0.47	ug/L		03/15/14 07:34	03/17/14 15:49	1
1,2-Dichlorobenzene	**1.6**	**J**	9.6	0.14	ug/L		03/15/14 07:34	03/17/14 15:49	1
1,2-Diphenylhydrazine	ND		9.6	0.060	ug/L		03/15/14 07:34	03/17/14 15:49	1
1,3-Dichlorobenzene	ND		9.6	0.066	ug/L		03/15/14 07:34	03/17/14 15:49	1
1,4-Dichlorobenzene	**0.33**	**J**	9.6	0.086	ug/L		03/15/14 07:34	03/17/14 15:49	1
2,2'-oxybis[1-chloropropane]	ND		4.8	0.082	ug/L		03/15/14 07:34	03/17/14 15:49	1
2,4,6-Trichlorophenol	ND		4.8	0.22	ug/L		03/15/14 07:34	03/17/14 15:49	1
2,4-Dichlorophenol	ND		4.8	0.29	ug/L		03/15/14 07:34	03/17/14 15:49	1
2,4-Dimethylphenol	ND		4.8	0.13	ug/L		03/15/14 07:34	03/17/14 15:49	1

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

TestAmerica Job ID: 480-55924-1

Client Sample ID: BCC BSA SUMP
Date Collected: 03/12/14 13:30
Date Received: 03/12/14 15:00

Lab Sample ID: 480-55924-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.6	0.80	ug/L		03/15/14 07:34	03/17/14 15:49	1
2,4-Dinitrotoluene	ND		4.8	0.25	ug/L		03/15/14 07:34	03/17/14 15:49	1
2,6-Dinitrotoluene	ND		4.8	0.69	ug/L		03/15/14 07:34	03/17/14 15:49	1
2-Chloronaphthalene	ND		4.8	0.065	ug/L		03/15/14 07:34	03/17/14 15:49	1
2-Chlorophenol	ND		4.8	0.15	ug/L		03/15/14 07:34	03/17/14 15:49	1
2-Nitrophenol	ND		4.8	0.14	ug/L		03/15/14 07:34	03/17/14 15:49	1
3,3'-Dichlorobenzidine	ND		4.8	0.79	ug/L		03/15/14 07:34	03/17/14 15:49	1
4,6-Dinitro-2-methylphenol	ND		9.6	0.73	ug/L		03/15/14 07:34	03/17/14 15:49	1
4-Bromophenyl phenyl ether	ND		4.8	0.11	ug/L		03/15/14 07:34	03/17/14 15:49	1
4-Chloro-3-methylphenol	ND		4.8	0.53	ug/L		03/15/14 07:34	03/17/14 15:49	1
4-Chlorophenyl phenyl ether	ND		4.8	0.20	ug/L		03/15/14 07:34	03/17/14 15:49	1
4-Nitrophenol	ND		9.6	1.3	ug/L		03/15/14 07:34	03/17/14 15:49	1
Acenaphthene	**0.14**	**J**	4.8	0.058	ug/L		03/15/14 07:34	03/17/14 15:49	1
Acenaphthylene	ND		4.8	0.033	ug/L		03/15/14 07:34	03/17/14 15:49	1
Aniline	**4.0**	**J**	9.6	0.083	ug/L		03/15/14 07:34	03/17/14 15:49	1
Anthracene	ND		4.8	0.050	ug/L		03/15/14 07:34	03/17/14 15:49	1
Benzidine	ND		77	2.4	ug/L		03/15/14 07:34	03/17/14 15:49	1
Benzo[a]anthracene	ND		4.8	0.041	ug/L		03/15/14 07:34	03/17/14 15:49	1
Benzo[a]pyrene	ND		4.8	0.055	ug/L		03/15/14 07:34	03/17/14 15:49	1
Benzo[b]fluoranthene	ND		4.8	0.059	ug/L		03/15/14 07:34	03/17/14 15:49	1
Benzo[g,h,i]perylene	ND		4.8	0.096	ug/L		03/15/14 07:34	03/17/14 15:49	1
Benzo[k]fluoranthene	ND		4.8	0.040	ug/L		03/15/14 07:34	03/17/14 15:49	1
Bis(2-chloroethoxy)methane	ND		4.8	0.081	ug/L		03/15/14 07:34	03/17/14 15:49	1
Bis(2-chloroethyl)ether	ND		4.8	1.0	ug/L		03/15/14 07:34	03/17/14 15:49	1
Bis(2-ethylhexyl) phthalate	ND		9.6	0.83	ug/L		03/15/14 07:34	03/17/14 15:49	1
Butyl benzyl phthalate	ND		4.8	1.2	ug/L		03/15/14 07:34	03/17/14 15:49	1
Chrysene	ND		4.8	0.034	ug/L		03/15/14 07:34	03/17/14 15:49	1
Decane	ND	*	9.6	1.5	ug/L		03/15/14 07:34	03/17/14 15:49	1
Dibenz(a,h)anthracene	ND		4.8	0.053	ug/L		03/15/14 07:34	03/17/14 15:49	1
Diethyl phthalate	ND		4.8	0.17	ug/L		03/15/14 07:34	03/17/14 15:49	1
Dimethyl phthalate	ND		4.8	0.16	ug/L		03/15/14 07:34	03/17/14 15:49	1
Di-n-butyl phthalate	ND		4.8	0.90	ug/L		03/15/14 07:34	03/17/14 15:49	1
Di-n-octyl phthalate	ND		4.8	4.3	ug/L		03/15/14 07:34	03/17/14 15:49	1
Fluoranthene	ND		4.8	0.10	ug/L		03/15/14 07:34	03/17/14 15:49	1
Fluorene	ND		4.8	0.041	ug/L		03/15/14 07:34	03/17/14 15:49	1
Hexachlorobenzene	ND		4.8	0.26	ug/L		03/15/14 07:34	03/17/14 15:49	1
Hexachlorobutadiene	ND		4.8	0.59	ug/L		03/15/14 07:34	03/17/14 15:49	1
Hexachlorocyclopentadiene	ND		4.8	0.43	ug/L		03/15/14 07:34	03/17/14 15:49	1
Hexachloroethane	ND		4.8	0.46	ug/L		03/15/14 07:34	03/17/14 15:49	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.18	ug/L		03/15/14 07:34	03/17/14 15:49	1
Isophorone	ND		4.8	0.15	ug/L		03/15/14 07:34	03/17/14 15:49	1
Naphthalene	**0.53**	**J**	4.8	0.077	ug/L		03/15/14 07:34	03/17/14 15:49	1
Nitrobenzene	ND		4.8	0.11	ug/L		03/15/14 07:34	03/17/14 15:49	1
N-Nitrosodimethylamine	ND		9.6	0.92	ug/L		03/15/14 07:34	03/17/14 15:49	1
N-Nitrosodi-n-propylamine	ND		4.8	0.22	ug/L		03/15/14 07:34	03/17/14 15:49	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		03/15/14 07:34	03/17/14 15:49	1
n-Octadecane	ND		9.6	0.67	ug/L		03/15/14 07:34	03/17/14 15:49	1
Pentachlorophenol	ND		9.6	0.40	ug/L		03/15/14 07:34	03/17/14 15:49	1
Phenanthrene	ND		4.8	0.068	ug/L		03/15/14 07:34	03/17/14 15:49	1

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

TestAmerica Job ID: 480-55924-1

Client Sample ID: BCC BSA SUMP
Date Collected: 03/12/14 13:30
Date Received: 03/12/14 15:00

Lab Sample ID: 480-55924-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		4.8	0.12	ug/L		03/15/14 07:34	03/17/14 15:49	1
Pyrene	ND		4.8	0.039	ug/L		03/15/14 07:34	03/17/14 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*52 - 151*	*03/15/14 07:34*	*03/17/14 15:49*	*1*
2-Fluorobiphenyl	*78*		*44 - 120*	*03/15/14 07:34*	*03/17/14 15:49*	*1*
2-Fluorophenol	*39*		*17 - 120*	*03/15/14 07:34*	*03/17/14 15:49*	*1*
Nitrobenzene-d5	*73*		*42 - 120*	*03/15/14 07:34*	*03/17/14 15:49*	*1*
Phenol-d5	*29*		*10 - 120*	*03/15/14 07:34*	*03/17/14 15:49*	*1*
p-Terphenyl-d14	*84*		*22 - 125*	*03/15/14 07:34*	*03/17/14 15:49*	*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		03/15/14 07:52	03/17/14 17:38	1
PCB-1221	ND		0.058	0.037	ug/L		03/15/14 07:52	03/17/14 17:38	1
PCB-1232	ND		0.058	0.037	ug/L		03/15/14 07:52	03/17/14 17:38	1
PCB-1242	ND		0.058	0.037	ug/L		03/15/14 07:52	03/17/14 17:38	1
PCB-1248	ND		0.058	0.037	ug/L		03/15/14 07:52	03/17/14 17:38	1
PCB-1254	ND		0.058	0.030	ug/L		03/15/14 07:52	03/17/14 17:38	1
PCB-1260	ND		0.058	0.030	ug/L		03/15/14 07:52	03/17/14 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*46*		*10 - 158*	*03/15/14 07:52*	*03/17/14 17:38*	*1*
Tetrachloro-m-xylene	*108*		*18 - 146*	*03/15/14 07:52*	*03/17/14 17:38*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0043**		0.0040	0.0010	mg/L		03/14/14 09:15	03/15/14 17:47	1
Copper	**0.019**		0.010	0.0016	mg/L		03/14/14 09:15	03/15/14 17:47	1
Lead	ND		0.0050	0.0030	mg/L		03/14/14 09:15	03/15/14 17:47	1
Nickel	**0.0041**	**J**	0.010	0.0013	mg/L		03/14/14 09:15	03/15/14 17:47	1
Zinc	**0.015**	**B**	0.010	0.0015	mg/L		03/14/14 09:15	03/15/14 17:47	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		03/14/14 09:50	03/14/14 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.0070**	**J**	0.010	0.0050	mg/L		03/17/14 23:52	03/18/14 11:50	1
Cyanide, Amenable	**0.025**		0.010	0.0050	mg/L			03/25/14 18:24	1
Phosphorus	**0.37**		0.010	0.0050	mg/L as P			03/16/14 11:25	1
Biochemical Oxygen Demand	**18.2**	**b**	2.0	2.0	mg/L			03/13/14 15:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**5.6**		4.0	4.0	mg/L			03/13/14 15:13	1
pH	**8.93**	**HF**	0.100	0.100	SU			03/14/14 00:38	1

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

TestAmerica Job ID: 480-55924-1

Client Sample ID: TRIP BLANK
Date Collected: 03/12/14 00:00
Date Received: 03/12/14 15:00

Lab Sample ID: 480-55924-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			03/13/14 19:43	1
Acrylonitrile	ND		100	1.9	ug/L			03/13/14 19:43	1
Benzene	ND		5.0	0.60	ug/L			03/13/14 19:43	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/13/14 19:43	1
Bromoform	ND		5.0	0.47	ug/L			03/13/14 19:43	1
Bromomethane	ND		5.0	1.2	ug/L			03/13/14 19:43	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/13/14 19:43	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/13/14 19:43	1
Chloroethane	ND		5.0	0.87	ug/L			03/13/14 19:43	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/13/14 19:43	1
Chloroform	ND		5.0	0.54	ug/L			03/13/14 19:43	1
Chloromethane	ND		5.0	0.64	ug/L			03/13/14 19:43	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/13/14 19:43	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/13/14 19:43	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/13/14 19:43	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/13/14 19:43	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/13/14 19:43	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/13/14 19:43	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/13/14 19:43	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/13/14 19:43	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/13/14 19:43	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/13/14 19:43	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/13/14 19:43	1
Toluene	ND		5.0	0.45	ug/L			03/13/14 19:43	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/13/14 19:43	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/13/14 19:43	1
Trichloroethene	ND		5.0	0.60	ug/L			03/13/14 19:43	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/13/14 19:43	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/13/14 19:43	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/13/14 19:43	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/13/14 19:43	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/13/14 19:43	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/13/14 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*03/13/14 19:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*69 - 121*		*03/13/14 19:43*	*1*
Toluene-d8 (Surr)	*94*		*70 - 123*		*03/13/14 19:43*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-55924-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-55924-1	BCC BSA SUMP	99	97	92
480-55924-2	TRIP BLANK	101	98	94
LCS 480-169899/5	Lab Control Sample	104	101	93
MB 480-169899/7	Method Blank	101	100	93

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-55924-1	BCC BSA SUMP	102	78	39	73	29	84
LCS 480-170241/2-A	Lab Control Sample	101	88	52	87	38	101
LCSD 480-170241/3-A	Lab Control Sample Dup	95	84	49	82	35	97
MB 480-170241/1-A	Method Blank	96	91	50	90	38	95

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)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-158)	(18-146)
480-55924-1	BCC BSA SUMP	46	108
LCS 480-170242/2-A	Lab Control Sample	61	121
MB 480-170242/1-A	Method Blank	91	97

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

TestAmerica Job ID: 480-55924-1

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

Lab Sample ID: MB 480-169899/7
Matrix: Water
Analysis Batch: 169899

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			03/13/14 14:21	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/13/14 14:21	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/13/14 14:21	1
Acrolein	ND		100	17	ug/L			03/13/14 14:21	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/13/14 14:21	1
Acrylonitrile	ND		50	1.9	ug/L			03/13/14 14:21	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/13/14 14:21	1
Benzene	ND		5.0	0.60	ug/L			03/13/14 14:21	1
Bromoform	ND		5.0	0.47	ug/L			03/13/14 14:21	1
Bromomethane	ND		5.0	1.2	ug/L			03/13/14 14:21	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/13/14 14:21	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/13/14 14:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/13/14 14:21	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/13/14 14:21	1
Chloroethane	ND		5.0	0.87	ug/L			03/13/14 14:21	1
Chloroform	ND		5.0	0.54	ug/L			03/13/14 14:21	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/13/14 14:21	1
Chloromethane	ND		5.0	0.64	ug/L			03/13/14 14:21	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/13/14 14:21	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/13/14 14:21	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/13/14 14:21	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/13/14 14:21	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/13/14 14:21	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/13/14 14:21	1
Toluene	ND		5.0	0.45	ug/L			03/13/14 14:21	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/13/14 14:21	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/13/14 14:21	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/13/14 14:21	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/13/14 14:21	1
Trichloroethene	ND		5.0	0.60	ug/L			03/13/14 14:21	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/13/14 14:21	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/13/14 14:21	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/13/14 14:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*03/13/14 14:21*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*		*03/13/14 14:21*	*1*
Toluene-d8 (Surr)	*93*		*70 - 123*		*03/13/14 14:21*	*1*

Lab Sample ID: LCS 480-169899/5
Matrix: Water
Analysis Batch: 169899

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	22.8	J	ug/L		114	1 - 305
1,1-Dichloroethane	20.0	21.5		ug/L		108	59 - 155
1,2-Dichloroethane	20.0	21.4		ug/L		107	49 - 155
1,1-Dichloroethene	20.0	22.6		ug/L		113	1 - 234

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

Lab Sample ID: LCS 480-169899/5
Matrix: Water
Analysis Batch: 169899

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	21.1		ug/L		106	1 - 210
Benzene	20.0	21.5		ug/L		108	37 - 151
Bromoform	20.0	19.1		ug/L		96	45 - 169
Bromomethane	20.0	25.9		ug/L		129	1 - 242
Carbon tetrachloride	20.0	21.7		ug/L		109	70 - 140
Chlorobenzene	20.0	19.3		ug/L		96	37 - 160
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		100	46 - 157
Dibromochloromethane	19.6	18.7		ug/L		95	53 - 149
Chloroethane	20.0	24.7		ug/L		124	14 - 230
Chloroform	20.0	21.4		ug/L		107	51 - 138
1,1,1-Trichloroethane	20.0	20.9		ug/L		105	52 - 162
Chloromethane	20.0	19.2		ug/L		96	1 - 273
1,1,2-Trichloroethane	20.0	19.3		ug/L		96	52 - 150
cis-1,3-Dichloropropene	20.0	21.8		ug/L		109	1 - 227
Bromodichloromethane	20.0	20.6		ug/L		103	35 - 155
Ethylbenzene	20.0	19.5		ug/L		97	37 - 162
Methylene Chloride	20.0	19.9		ug/L		99	1 - 221
Tetrachloroethene	20.0	19.4		ug/L		97	64 - 148
Toluene	20.0	18.3		ug/L		91	47 - 150
1,2-Dichlorobenzene	20.0	18.9		ug/L		94	18 - 190
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	17 - 183
1,3-Dichlorobenzene	20.0	18.5		ug/L		93	59 - 156
Trichloroethene	20.0	21.6		ug/L		108	71 - 157
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	18 - 190
Trichlorofluoromethane	20.0	22.7		ug/L		114	17 - 181
Vinyl chloride	20.0	21.1		ug/L		105	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*
4-Bromofluorobenzene (Surr)	*101*		*69 - 121*
Toluene-d8 (Surr)	*93*		*70 - 123*

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

Lab Sample ID: MB 480-170241/1-A
Matrix: Water
Analysis Batch: 170401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		03/15/14 07:34	03/17/14 13:27	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		03/15/14 07:34	03/17/14 13:27	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		03/15/14 07:34	03/17/14 13:27	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		03/15/14 07:34	03/17/14 13:27	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		03/15/14 07:34	03/17/14 13:27	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.086	ug/L		03/15/14 07:34	03/17/14 13:27	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		03/15/14 07:34	03/17/14 13:27	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		03/15/14 07:34	03/17/14 13:27	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		03/15/14 07:34	03/17/14 13:27	1

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

Lab Sample ID: MB 480-170241/1-A
Matrix: Water
Analysis Batch: 170401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		03/15/14 07:34	03/17/14 13:27	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		03/15/14 07:34	03/17/14 13:27	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		03/15/14 07:34	03/17/14 13:27	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		03/15/14 07:34	03/17/14 13:27	1
2-Chlorophenol	ND		5.0	0.16	ug/L		03/15/14 07:34	03/17/14 13:27	1
2-Nitrophenol	ND		5.0	0.14	ug/L		03/15/14 07:34	03/17/14 13:27	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		03/15/14 07:34	03/17/14 13:27	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		03/15/14 07:34	03/17/14 13:27	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		03/15/14 07:34	03/17/14 13:27	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		03/15/14 07:34	03/17/14 13:27	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		03/15/14 07:34	03/17/14 13:27	1
4-Nitrophenol	ND		10	1.3	ug/L		03/15/14 07:34	03/17/14 13:27	1
Acenaphthene	ND		5.0	0.060	ug/L		03/15/14 07:34	03/17/14 13:27	1
Acenaphthylene	ND		5.0	0.034	ug/L		03/15/14 07:34	03/17/14 13:27	1
Aniline	ND		10	0.087	ug/L		03/15/14 07:34	03/17/14 13:27	1
Anthracene	ND		5.0	0.052	ug/L		03/15/14 07:34	03/17/14 13:27	1
Benzidine	ND		80	2.5	ug/L		03/15/14 07:34	03/17/14 13:27	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		03/15/14 07:34	03/17/14 13:27	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		03/15/14 07:34	03/17/14 13:27	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		03/15/14 07:34	03/17/14 13:27	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		03/15/14 07:34	03/17/14 13:27	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		03/15/14 07:34	03/17/14 13:27	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		03/15/14 07:34	03/17/14 13:27	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		03/15/14 07:34	03/17/14 13:27	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		03/15/14 07:34	03/17/14 13:27	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		03/15/14 07:34	03/17/14 13:27	1
Chrysene	ND		5.0	0.036	ug/L		03/15/14 07:34	03/17/14 13:27	1
Decane	ND		10	1.6	ug/L		03/15/14 07:34	03/17/14 13:27	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		03/15/14 07:34	03/17/14 13:27	1
Diethyl phthalate	ND		5.0	0.17	ug/L		03/15/14 07:34	03/17/14 13:27	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		03/15/14 07:34	03/17/14 13:27	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		03/15/14 07:34	03/17/14 13:27	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		03/15/14 07:34	03/17/14 13:27	1
Fluoranthene	ND		5.0	0.11	ug/L		03/15/14 07:34	03/17/14 13:27	1
Fluorene	ND		5.0	0.043	ug/L		03/15/14 07:34	03/17/14 13:27	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		03/15/14 07:34	03/17/14 13:27	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		03/15/14 07:34	03/17/14 13:27	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		03/15/14 07:34	03/17/14 13:27	1
Hexachloroethane	ND		5.0	0.48	ug/L		03/15/14 07:34	03/17/14 13:27	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		03/15/14 07:34	03/17/14 13:27	1
Isophorone	ND		5.0	0.16	ug/L		03/15/14 07:34	03/17/14 13:27	1
Naphthalene	ND		5.0	0.080	ug/L		03/15/14 07:34	03/17/14 13:27	1
Nitrobenzene	ND		5.0	0.11	ug/L		03/15/14 07:34	03/17/14 13:27	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		03/15/14 07:34	03/17/14 13:27	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		03/15/14 07:34	03/17/14 13:27	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		03/15/14 07:34	03/17/14 13:27	1
n-Octadecane	ND		10	0.70	ug/L		03/15/14 07:34	03/17/14 13:27	1
Pentachlorophenol	ND		10	0.41	ug/L		03/15/14 07:34	03/17/14 13:27	1

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

Lab Sample ID: MB 480-170241/1-A
Matrix: Water
Analysis Batch: 170401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		5.0	0.071	ug/L		03/15/14 07:34	03/17/14 13:27	1
Phenol	ND		5.0	0.12	ug/L		03/15/14 07:34	03/17/14 13:27	1
Pyrene	ND		5.0	0.041	ug/L		03/15/14 07:34	03/17/14 13:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*52 - 151*	*03/15/14 07:34*	*03/17/14 13:27*	*1*
2-Fluorobiphenyl	*91*		*44 - 120*	*03/15/14 07:34*	*03/17/14 13:27*	*1*
2-Fluorophenol	*50*		*17 - 120*	*03/15/14 07:34*	*03/17/14 13:27*	*1*
Nitrobenzene-d5	*90*		*42 - 120*	*03/15/14 07:34*	*03/17/14 13:27*	*1*
Phenol-d5	*38*		*10 - 120*	*03/15/14 07:34*	*03/17/14 13:27*	*1*
p-Terphenyl-d14	*95*		*22 - 125*	*03/15/14 07:34*	*03/17/14 13:27*	*1*

Lab Sample ID: LCS 480-170241/2-A
Matrix: Water
Analysis Batch: 170401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170241

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	73.3		ug/L		73	44 - 142
1,2-Dichlorobenzene	100	64.5		ug/L		64	32 - 129
1,3-Dichlorobenzene	100	57.3		ug/L		57	1 - 172
1,4-Dichlorobenzene	100	61.3		ug/L		61	20 - 124
2,2'-oxybis[1-chloropropane]	100	93.1		ug/L		93	36 - 166
2,4,6-Trichlorophenol	100	104		ug/L		104	37 - 144
2,4-Dichlorophenol	100	92.2		ug/L		92	39 - 135
2,4-Dimethylphenol	100	89.5		ug/L		89	32 - 119
2,4-Dinitrophenol	200	221		ug/L		110	1 - 191
2,4-Dinitrotoluene	100	111		ug/L		111	39 - 139
2,6-Dinitrotoluene	100	105		ug/L		105	50 - 158
2-Chloronaphthalene	100	93.5		ug/L		93	60 - 118
2-Chlorophenol	100	85.4		ug/L		85	23 - 134
2-Nitrophenol	100	95.5		ug/L		96	29 - 182
3,3'-Dichlorobenzidine	100	67.2		ug/L		67	1 - 262
4,6-Dinitro-2-methylphenol	200	249		ug/L		124	1 - 181
4-Bromophenyl phenyl ether	100	95.6		ug/L		96	53 - 127
4-Chloro-3-methylphenol	100	95.4		ug/L		95	22 - 147
4-Chlorophenyl phenyl ether	100	117		ug/L		117	25 - 158
4-Nitrophenol	200	110		ug/L		55	1 - 132
Acenaphthene	100	91.8		ug/L		92	47 - 145
Acenaphthylene	100	92.0		ug/L		92	33 - 145
Aniline	100	75.1		ug/L		75	40 - 120
Anthracene	100	93.4		ug/L		93	27 - 133
Benzo[a]anthracene	100	101		ug/L		101	33 - 143
Benzo[a]pyrene	100	108		ug/L		108	17 - 163
Benzo[b]fluoranthene	100	97.9		ug/L		98	24 - 159
Benzo[g,h,i]perylene	100	106		ug/L		106	1 - 219
Benzo[k]fluoranthene	100	116		ug/L		116	11 - 162
Bis(2-chloroethoxy)methane	100	89.9		ug/L		90	33 - 184
Bis(2-chloroethyl)ether	100	80.5		ug/L		81	12 - 158

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

Lab Sample ID: LCS 480-170241/2-A
Matrix: Water
Analysis Batch: 170401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170241

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	100	102		ug/L		102	8 - 158
Butyl benzyl phthalate	100	102		ug/L		102	1 - 152
Chrysene	100	102		ug/L		102	17 - 168
Dibenz(a,h)anthracene	100	111		ug/L		111	1 - 227
Diethyl phthalate	100	95.2		ug/L		95	1 - 114
Dimethyl phthalate	100	101		ug/L		101	1 - 112
Di-n-butyl phthalate	100	97.6		ug/L		98	1 - 118
Di-n-octyl phthalate	100	104		ug/L		104	4 - 146
Fluoranthene	100	97.7		ug/L		98	26 - 137
Fluorene	100	91.9		ug/L		92	59 - 121
Hexachlorobenzene	100	93.5		ug/L		94	1 - 152
Hexachlorocyclopentadiene	100	87.0		ug/L		87	5 - 120
Hexachloroethane	100	52.3		ug/L		52	40 - 113
Indeno[1,2,3-cd]pyrene	100	99.1		ug/L		99	1 - 171
Isophorone	100	98.5		ug/L		99	21 - 196
Naphthalene	100	80.9		ug/L		81	21 - 133
Nitrobenzene	100	91.3		ug/L		91	35 - 180
N-Nitrosodi-n-propylamine	100	97.2		ug/L		97	1 - 230
N-Nitrosodiphenylamine	100	94.0		ug/L		94	54 - 125
Pentachlorophenol	200	204		ug/L		102	14 - 176
Phenanthrene	100	92.5		ug/L		93	54 - 120
Phenol	100	41.4		ug/L		41	5 - 112
Pyrene	100	96.9		ug/L		97	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*101*		*52 - 151*
2-Fluorobiphenyl	*88*		*44 - 120*
2-Fluorophenol	*52*		*17 - 120*
Nitrobenzene-d5	*87*		*42 - 120*
Phenol-d5	*38*		*10 - 120*
p-Terphenyl-d14	*101*		*22 - 125*

Lab Sample ID: LCSD 480-170241/3-A
Matrix: Water
Analysis Batch: 170401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170241

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	75.3		ug/L		75	44 - 142	3	34
1,2-Dichlorobenzene	100	64.7		ug/L		65	32 - 129	0	38
1,3-Dichlorobenzene	100	58.2		ug/L		58	1 - 172	1	37
1,4-Dichlorobenzene	100	62.1		ug/L		62	20 - 124	1	40
2,2'-oxybis[1-chloropropane]	100	87.0		ug/L		87	36 - 166	7	36
2,4,6-Trichlorophenol	100	97.5		ug/L		98	37 - 144	6	20
2,4-Dichlorophenol	100	88.3		ug/L		88	39 - 135	4	23
2,4-Dimethylphenol	100	84.8		ug/L		85	32 - 119	5	18
2,4-Dinitrophenol	200	210		ug/L		105	1 - 191	5	29
2,4-Dinitrotoluene	100	107		ug/L		107	39 - 139	4	20
2,6-Dinitrotoluene	100	99.1		ug/L		99	50 - 158	6	17

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

Lab Sample ID: LCSD 480-170241/3-A
Matrix: Water
Analysis Batch: 170401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170241

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene			100	89.4		ug/L		89	60 - 118	4	30
2-Chlorophenol			100	79.8		ug/L		80	23 - 134	7	26
2-Nitrophenol			100	90.0		ug/L		90	29 - 182	6	28
3,3'-Dichlorobenzidine			100	67.0		ug/L		67	1 - 262	0	31
4,6-Dinitro-2-methylphenol			200	240		ug/L		120	1 - 181	4	30
4-Bromophenyl phenyl ether			100	92.0		ug/L		92	53 - 127	4	16
4-Chloro-3-methylphenol			100	89.9		ug/L		90	22 - 147	6	16
4-Chlorophenyl phenyl ether			100	113		ug/L		113	25 - 158	3	15
4-Nitrophenol			200	107		ug/L		53	1 - 132	3	24
Acenaphthene			100	89.4		ug/L		89	47 - 145	3	25
Acenaphthylene			100	88.4		ug/L		88	33 - 145	4	22
Aniline			100	64.4		ug/L		64	40 - 120	15	30
Anthracene			100	90.0		ug/L		90	27 - 133	4	15
Benzo[a]anthracene			100	97.8		ug/L		98	33 - 143	3	15
Benzo[a]pyrene			100	102		ug/L		102	17 - 163	6	15
Benzo[b]fluoranthene			100	94.9		ug/L		95	24 - 159	3	17
Benzo[g,h,i]perylene			100	99.7		ug/L		100	1 - 219	7	19
Benzo[k]fluoranthene			100	111		ug/L		111	11 - 162	4	19
Bis(2-chloroethoxy)methane			100	85.0		ug/L		85	33 - 184	6	23
Bis(2-chloroethyl)ether			100	75.1		ug/L		75	12 - 158	7	33
Bis(2-ethylhexyl) phthalate			100	99.0		ug/L		99	8 - 158	3	15
Butyl benzyl phthalate			100	98.1		ug/L		98	1 - 152	3	15
Chrysene			100	98.3		ug/L		98	17 - 168	4	15
Dibenz(a,h)anthracene			100	104		ug/L		104	1 - 227	7	18
Diethyl phthalate			100	91.9		ug/L		92	1 - 114	3	15
Dimethyl phthalate			100	96.5		ug/L		97	1 - 112	5	15
Di-n-butyl phthalate			100	94.2		ug/L		94	1 - 118	4	15
Di-n-octyl phthalate			100	104		ug/L		104	4 - 146	0	15
Fluoranthene			100	93.8		ug/L		94	26 - 137	4	15
Fluorene			100	88.9		ug/L		89	59 - 121	3	18
Hexachlorobenzene			100	90.0		ug/L		90	1 - 152	4	15
Hexachlorocyclopentadiene			100	86.8		ug/L		87	5 - 120	0	50
Hexachloroethane			100	53.3		ug/L		53	40 - 113	2	43
Indeno[1,2,3-cd]pyrene			100	93.2		ug/L		93	1 - 171	6	17
Isophorone			100	93.0		ug/L		93	21 - 196	6	21
Naphthalene			100	81.0		ug/L		81	21 - 133	0	31
Nitrobenzene			100	86.6		ug/L		87	35 - 180	5	27
N-Nitrosodi-n-propylamine			100	89.3		ug/L		89	1 - 230	9	23
N-Nitrosodiphenylamine			100	90.3		ug/L		90	54 - 125	4	15
Pentachlorophenol			200	198		ug/L		99	14 - 176	3	21
Phenanthrene			100	89.4		ug/L		89	54 - 120	3	16
Phenol			100	38.1		ug/L		38	5 - 112	8	36
Pyrene			100	92.0		ug/L		92	52 - 115	5	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*95*		*52 - 151*
2-Fluorobiphenyl	*84*		*44 - 120*
2-Fluorophenol	*49*		*17 - 120*

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

Lab Sample ID: LCSD 480-170241/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170401 — **Prep Batch: 170241**

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*82*		*42 - 120*
Phenol-d5	*35*		*10 - 120*
p-Terphenyl-d14	*97*		*22 - 125*

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

Lab Sample ID: MB 480-170242/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170325 — **Prep Batch: 170242**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		03/15/14 07:52	03/17/14 16:34	1
PCB-1221	ND		0.060	0.038	ug/L		03/15/14 07:52	03/17/14 16:34	1
PCB-1232	ND		0.060	0.038	ug/L		03/15/14 07:52	03/17/14 16:34	1
PCB-1242	ND		0.060	0.038	ug/L		03/15/14 07:52	03/17/14 16:34	1
PCB-1248	ND		0.060	0.038	ug/L		03/15/14 07:52	03/17/14 16:34	1
PCB-1254	ND		0.060	0.031	ug/L		03/15/14 07:52	03/17/14 16:34	1
PCB-1260	ND		0.060	0.031	ug/L		03/15/14 07:52	03/17/14 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 158*	*03/15/14 07:52*	*03/17/14 16:34*	*1*
Tetrachloro-m-xylene	*97*		*18 - 146*	*03/15/14 07:52*	*03/17/14 16:34*	*1*

Lab Sample ID: LCS 480-170242/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170325 — **Prep Batch: 170242**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.983		ug/L		98	44 - 154
PCB-1260	1.00	1.10		ug/L		110	34 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*61*		*10 - 158*
Tetrachloro-m-xylene	*121*		*18 - 146*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-170059/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170339 — **Prep Batch: 170059**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		03/14/14 09:15	03/15/14 17:10	1
Copper	ND		0.010	0.0016	mg/L		03/14/14 09:15	03/15/14 17:10	1
Lead	ND		0.0050	0.0030	mg/L		03/14/14 09:15	03/15/14 17:10	1
Nickel	ND		0.010	0.0013	mg/L		03/14/14 09:15	03/15/14 17:10	1
Zinc	0.00262	J	0.010	0.0015	mg/L		03/14/14 09:15	03/15/14 17:10	1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-170059/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170339 — **Prep Batch: 170059**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.194		mg/L		97	85 - 115
Copper	0.200	0.194		mg/L		97	85 - 115
Lead	0.200	0.188		mg/L		94	85 - 115
Nickel	0.200	0.185		mg/L		93	85 - 115
Zinc	0.200	0.196		mg/L		98	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-170075/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170185 — **Prep Batch: 170075**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/14/14 09:50	03/14/14 13:17	1

Lab Sample ID: LCS 480-170075/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170185 — **Prep Batch: 170075**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00620		mg/L		93	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-170478/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170603 — **Prep Batch: 170478**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		03/17/14 20:40	03/18/14 11:50	1

Lab Sample ID: LCS 480-170478/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 170603 — **Prep Batch: 170478**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.107		mg/L		107	90 - 110

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

Lab Sample ID: MB 480-169957/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 169957

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/13/14 15:13	1

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

Lab Sample ID: LCS 480-169957/2
Matrix: Water
Analysis Batch: 169957

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	247	230.8		mg/L		93	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-170011/1
Matrix: Water
Analysis Batch: 170011

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	6.990		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-170281/3
Matrix: Water
Analysis Batch: 170281

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			03/16/14 11:25	1

Lab Sample ID: LCS 480-170281/4
Matrix: Water
Analysis Batch: 170281

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	0.216		mg/L as P		108	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-169978/1
Matrix: Water
Analysis Batch: 169978

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			03/13/14 15:33	1

Lab Sample ID: LCS 480-169978/2
Matrix: Water
Analysis Batch: 169978

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	171.8		mg/L		87	85 - 115

GC/MS VOA

Analysis Batch: 169899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	624	
480-55924-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-169899/5	Lab Control Sample	Total/NA	Water	624	
MB 480-169899/7	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 170241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	625	
LCS 480-170241/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-170241/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-170241/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 170401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	625	170241
LCS 480-170241/2-A	Lab Control Sample	Total/NA	Water	625	170241
LCSD 480-170241/3-A	Lab Control Sample Dup	Total/NA	Water	625	170241
MB 480-170241/1-A	Method Blank	Total/NA	Water	625	170241

GC Semi VOA

Prep Batch: 170242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	3510C	
LCS 480-170242/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-170242/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 170325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	608	170242
LCS 480-170242/2-A	Lab Control Sample	Total/NA	Water	608	170242
MB 480-170242/1-A	Method Blank	Total/NA	Water	608	170242

Metals

Prep Batch: 170059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	200.7	
LCS 480-170059/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-170059/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 170075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	245.1	
LCS 480-170075/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-170075/1-A	Method Blank	Total/NA	Water	245.1	

Metals (Continued)

Analysis Batch: 170185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	245.1	170075
LCS 480-170075/2-A	Lab Control Sample	Total/NA	Water	245.1	170075
MB 480-170075/1-A	Method Blank	Total/NA	Water	245.1	170075

Analysis Batch: 170339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	170059
LCS 480-170059/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	170059
MB 480-170059/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	170059

General Chemistry

Analysis Batch: 169957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
LCS 480-169957/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-169957/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 169978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
LCS 480-169978/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-169978/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 170011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-170011/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 170281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
LCS 480-170281/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-170281/3	Method Blank	Total/NA	Water	SM 4500 P E	

Prep Batch: 170478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	Distill/Phenol	
LCS 480-170478/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-170478/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 170603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	420.4	170478
LCS 480-170478/2-A	Lab Control Sample	Total/NA	Water	420.4	170478
MB 480-170478/1-A	Method Blank	Total/NA	Water	420.4	170478

Analysis Batch: 171852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55924-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

TestAmerica Job ID: 480-55924-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-55924-1

Date Collected: 03/12/14 13:30

Matrix: Water

Date Received: 03/12/14 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	169899	03/13/14 19:18	TRB	TAL BUF
Total/NA	Prep	625			170241	03/15/14 07:34	MCZ	TAL BUF
Total/NA	Analysis	625		1	170401	03/17/14 15:49	ANM	TAL BUF
Total/NA	Prep	3510C			170242	03/15/14 07:52	MCZ	TAL BUF
Total/NA	Analysis	608		1	170325	03/17/14 17:38	JMM	TAL BUF
Total/NA	Prep	200.7			170059	03/14/14 09:15	EHD	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	170339	03/15/14 17:47	LMH	TAL BUF
Total/NA	Prep	245.1			170075	03/14/14 09:50	JRK	TAL BUF
Total/NA	Analysis	245.1		1	170185	03/14/14 13:49	JRK	TAL BUF
Total/NA	Prep	Distill/Phenol			170478	03/17/14 23:52	KS	TAL BUF
Total/NA	Analysis	420.4		1	170603	03/18/14 11:50	NCH	TAL BUF
Total/NA	Analysis	SM 2540D		1	169957	03/13/14 15:13	JMB	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	171852	03/25/14 18:24	KMF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	170011	03/14/14 00:38	KS	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	170281	03/16/14 11:25	KMF	TAL BUF
Total/NA	Analysis	SM 5210B		1	169978	03/13/14 15:33	KMF	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-55924-2

Date Collected: 03/12/14 00:00

Matrix: Water

Date Received: 03/12/14 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	169899	03/13/14 19:43	TRB	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-55924-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14 *
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	04-01-14 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14 *
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14 *
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-14 *
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14 *
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	03-31-14 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-55924-1

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
420.4	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- Monthly SUMP

TestAmerica Job ID: 480-55924-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-55924-1	BCC BSA SUMP	Water	03/12/14 13:30	03/12/14 15:00
480-55924-2	TRIP BLANK	Water	03/12/14 00:00	03/12/14 15:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Re

480-55924 Chain of Custody

America
ENVIRONMENTAL TESTING
Laboratories, Inc.

50775_03124

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	Carrier:
Buffalo, NY, 14203	Calendar (C) or Work Days (W)	
716-856-3333 Phone	TAT	
716-842-1630 FAX	[X] 2 weeks	
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week	
Site: Buffalo Color - NY7A9728	[ ] 2 days	
PO# 52954	[ ] 1 day	

Job No. 0913-OMM

Flow Rates (GPM)
EW-1: 7.13
EW-2: 0.68
EW-3A: 3.47
EW-4: 0.76
EW-5: –

Composite Percent (%)
DC-1: 65
DC-2: 35

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7, 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Lovel Method	SM4500_H+ - pH	Sample Specific Notes:
BCC_BSA_Sump_	3/12/14	1330	C	W	19	N	1	1	1	8	2	2	1	1	1	1	Lab to composite 624 for BCC BSA Sump samples prior to analysis
Trip Blank	N/A	N/A	N/A	N/A						2 (6)							
Container Volume (ml)							250	250	250	40	1000	1000	1000	500	250	125	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P	

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	[illegible]	3/12/14 15:00	[illegible]	TA BUFFALO	3/12/14 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

1 34

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-55924-1

Login Number: 55924

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

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

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: 480-56698-1
Client Project/Site: 37745-Buffalo Color- Monthly BSA SUMP

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

Attn: Andrew Madden

Authorized for release by:
4/22/2014 4:18:59 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Definitions/Glossary

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

TestAmerica Job ID: 480-56698-1

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.
*	ISTD response or retention time outside acceptable limits
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes
*	LCS or LCSD exceeds the control limits
b	Result Detected in the Unseeded Control blank (USB).
H	Sample was prepped or analyzed beyond the specified holding time
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.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-56698-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-56698-1

Comments
No additional comments.

Receipt
The samples were received on 3/26/2014 4:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0º C.

Except:

Sample COC did not list any times or dates of collection. Information listed on sample containers was used for login.

GC/MS VOA
Method(s) 624: The following sample(s) was composited by the laboratory on 3/27/14 as requested on the chain-of-custody: BCC_BSA_SUMP (480-56698-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 625: The continuing calibration verification (CCV) associated with batch 172236 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 samples are impacted: (CCVIS 480-172236/3).

Method(s) 625: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 172168 recovered outside control limits for the following analyte: n-Decane. This analyte has been identified as a non-625 method analyte; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 625: Surrogate recovery for the following sample was outside control limits: BCC_BSA_SUMP (480-56698-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 625: Internal standard responses were outside of acceptance limits for the following sample: BCC_BSA_SUMP (480-56698-1). The sample shows evidence of matrix interference. There were no detections for any target analyte associated with the failing internal standard, therefore the data has been reported.

No other analytical or quality issues were noted.

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 2540D: The results reported for the following sample(s) do not concur with results previously reported for this site: BCC_BSA_SUMP (480-56698-1). Reanalysis was performed, and the result(s) confirmed.

Method(s) SM 4500 CN E, SM 4500 CN G: Due to an oversight during the log-in process, the following sample(s) was performed outside of the analytical holding time: BCC_BSA_SUMP (480-56698-1).

Method(s) SM 5210B: The USB dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results in batch 172237 are reported. (USB 480-172237/1)

Method(s) SM 5210B: The glucose-glutamic acid standard recovered high outside the recovery limits specified in the method in batch

Job ID: 480-56698-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

172237. Results likely biased high.BCC_BSA_SUMP (480-56698-1)

Method(s) SM 5210B: The USB dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results in batch 173722 are reported. (USB 480-173722/1)

Method(s) SM 5210B: The following BOD sample(s) was re-analyzed outside of analytical holding time due to the original batch having high failing quality control samples. BCC_BSA_SUMP (480-56698-1).

Method(s) SM 4500 H+ B: The following sample(s) was received outside of holding time: BCC_BSA_SUMP (480-56698-1).

No other analytical or quality issues were noted.

Organic Prep

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

Detection Summary

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

TestAmerica Job ID: 480-56698-1

Client Sample ID: BCC_BSA_SUMP — Lab Sample ID: 480-56698-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.6	J	5.0	0.44	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.7	J	5.0	0.51	ug/L	1		624	Total/NA
Benzene	12		5.0	0.60	ug/L	1		624	Total/NA
Chlorobenzene	63		5.0	0.48	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	2.0	J	9.8	0.14	ug/L	1		625	Total/NA
1,4-Dichlorobenzene	0.45	J	9.8	0.088	ug/L	1		625	Total/NA
Aniline	15		9.8	0.085	ug/L	1		625	Total/NA
Phenol	1.8	J	4.9	0.12	ug/L	1		625	Total/NA
Chromium	0.0030	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0080	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0044	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0057	J	0.010	0.0050	mg/L	1		420.4	Total/NA
Cyanide, Amenable	0.034	H	0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Biochemical Oxygen Demand	18.6	* b	2.0	2.0	mg/L	1		SM 5210B	Total/NA
Phosphorus	0.26		0.10	0.014	mg/L	1		SM4500 P E-1999	Total/NA
Biochemical Oxygen Demand - RA	4.6	H 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	10.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.53	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-56698-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.0	J	5.0	0.81	ug/L	1		624	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-56698-1

Client Sample ID: BCC_BSA_SUMP
Date Collected: 03/26/14 14:30
Date Received: 03/26/14 16:05

Lab Sample ID: 480-56698-1
Matrix: Ground Water

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			03/27/14 15:18	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/27/14 15:18	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/27/14 15:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/27/14 15:18	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/27/14 15:18	1
1,2-Dichlorobenzene	**2.6**	**J**	5.0	0.44	ug/L			03/27/14 15:18	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/27/14 15:18	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/27/14 15:18	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/27/14 15:18	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/27/14 15:18	1
1,4-Dichlorobenzene	**1.7**	**J**	5.0	0.51	ug/L			03/27/14 15:18	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/27/14 15:18	1
Acrolein	ND		100	17	ug/L			03/27/14 15:18	1
Acrylonitrile	ND		50	1.9	ug/L			03/27/14 15:18	1
Benzene	**12**		5.0	0.60	ug/L			03/27/14 15:18	1
Bromoform	ND		5.0	0.47	ug/L			03/27/14 15:18	1
Bromomethane	ND		5.0	1.2	ug/L			03/27/14 15:18	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/27/14 15:18	1
Chlorobenzene	**63**		5.0	0.48	ug/L			03/27/14 15:18	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/27/14 15:18	1
Chloroethane	ND		5.0	0.87	ug/L			03/27/14 15:18	1
Chloroform	ND		5.0	0.54	ug/L			03/27/14 15:18	1
Chloromethane	ND		5.0	0.64	ug/L			03/27/14 15:18	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/27/14 15:18	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/27/14 15:18	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/27/14 15:18	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/27/14 15:18	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/27/14 15:18	1
Toluene	ND		5.0	0.45	ug/L			03/27/14 15:18	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/27/14 15:18	1
Trichloroethene	ND		5.0	0.60	ug/L			03/27/14 15:18	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/27/14 15:18	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/27/14 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*		*03/27/14 15:18*	*1*
4-Bromofluorobenzene (Surr)	*91*		*69 - 121*		*03/27/14 15:18*	*1*
Toluene-d8 (Surr)	*92*		*70 - 123*		*03/27/14 15:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.8	0.48	ug/L		03/27/14 06:24	03/27/14 20:03	1
1,2-Dichlorobenzene	**2.0**	**J**	9.8	0.14	ug/L		03/27/14 06:24	03/27/14 20:03	1
1,2-Diphenylhydrazine	ND		9.8	0.062	ug/L		03/27/14 06:24	03/27/14 20:03	1
1,3-Dichlorobenzene	ND		9.8	0.067	ug/L		03/27/14 06:24	03/27/14 20:03	1
1,4-Dichlorobenzene	**0.45**	**J**	9.8	0.088	ug/L		03/27/14 06:24	03/27/14 20:03	1
2,2'-oxybis[1-chloropropane]	ND		4.9	0.084	ug/L		03/27/14 06:24	03/27/14 20:03	1
2,4,6-Trichlorophenol	ND		4.9	0.23	ug/L		03/27/14 06:24	03/27/14 20:03	1
2,4-Dichlorophenol	ND		4.9	0.29	ug/L		03/27/14 06:24	03/27/14 20:03	1
2,4-Dimethylphenol	ND		4.9	0.13	ug/L		03/27/14 06:24	03/27/14 20:03	1

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

TestAmerica Job ID: 480-56698-1

Client Sample ID: BCC_BSA_SUMP
Date Collected: 03/26/14 14:30
Date Received: 03/26/14 16:05

Lab Sample ID: 480-56698-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.8	0.82	ug/L		03/27/14 06:24	03/27/14 20:03	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		03/27/14 06:24	03/27/14 20:03	1
2,6-Dinitrotoluene	ND		4.9	0.70	ug/L		03/27/14 06:24	03/27/14 20:03	1
2-Chloronaphthalene	ND		4.9	0.066	ug/L		03/27/14 06:24	03/27/14 20:03	1
2-Chlorophenol	ND		4.9	0.15	ug/L		03/27/14 06:24	03/27/14 20:03	1
2-Nitrophenol	ND		4.9	0.14	ug/L		03/27/14 06:24	03/27/14 20:03	1
3,3'-Dichlorobenzidine	ND		4.9	0.80	ug/L		03/27/14 06:24	03/27/14 20:03	1
4,6-Dinitro-2-methylphenol	ND		9.8	0.74	ug/L		03/27/14 06:24	03/27/14 20:03	1
4-Bromophenyl phenyl ether	ND		4.9	0.11	ug/L		03/27/14 06:24	03/27/14 20:03	1
4-Chloro-3-methylphenol	ND		4.9	0.54	ug/L		03/27/14 06:24	03/27/14 20:03	1
4-Chlorophenyl phenyl ether	ND		4.9	0.20	ug/L		03/27/14 06:24	03/27/14 20:03	1
4-Nitrophenol	ND		9.8	1.3	ug/L		03/27/14 06:24	03/27/14 20:03	1
Acenaphthene	ND		4.9	0.059	ug/L		03/27/14 06:24	03/27/14 20:03	1
Acenaphthylene	ND		4.9	0.033	ug/L		03/27/14 06:24	03/27/14 20:03	1
Aniline	**15**		9.8	0.085	ug/L		03/27/14 06:24	03/27/14 20:03	1
Anthracene	ND		4.9	0.051	ug/L		03/27/14 06:24	03/27/14 20:03	1
Benzidine	ND		78	2.5	ug/L		03/27/14 06:24	03/27/14 20:03	1
Benzo[a]anthracene	ND		4.9	0.042	ug/L		03/27/14 06:24	03/27/14 20:03	1
Benzo[a]pyrene	ND	*	4.9	0.057	ug/L		03/27/14 06:24	03/27/14 20:03	1
Benzo[b]fluoranthene	ND	*	4.9	0.060	ug/L		03/27/14 06:24	03/27/14 20:03	1
Benzo[g,h,i]perylene	ND	*	4.9	0.098	ug/L		03/27/14 06:24	03/27/14 20:03	1
Benzo[k]fluoranthene	ND	*	4.9	0.041	ug/L		03/27/14 06:24	03/27/14 20:03	1
Bis(2-chloroethoxy)methane	ND		4.9	0.083	ug/L		03/27/14 06:24	03/27/14 20:03	1
Bis(2-chloroethyl)ether	ND		4.9	1.1	ug/L		03/27/14 06:24	03/27/14 20:03	1
Bis(2-ethylhexyl) phthalate	ND		9.8	0.84	ug/L		03/27/14 06:24	03/27/14 20:03	1
Butyl benzyl phthalate	ND		4.9	1.3	ug/L		03/27/14 06:24	03/27/14 20:03	1
Chrysene	ND		4.9	0.035	ug/L		03/27/14 06:24	03/27/14 20:03	1
Decane	ND	*	9.8	1.6	ug/L		03/27/14 06:24	03/27/14 20:03	1
Dibenz(a,h)anthracene	ND	*	4.9	0.054	ug/L		03/27/14 06:24	03/27/14 20:03	1
Diethyl phthalate	ND		4.9	0.17	ug/L		03/27/14 06:24	03/27/14 20:03	1
Dimethyl phthalate	ND		4.9	0.16	ug/L		03/27/14 06:24	03/27/14 20:03	1
Di-n-butyl phthalate	ND		4.9	0.91	ug/L		03/27/14 06:24	03/27/14 20:03	1
Di-n-octyl phthalate	ND		4.9	4.4	ug/L		03/27/14 06:24	03/27/14 20:03	1
Fluoranthene	ND		4.9	0.11	ug/L		03/27/14 06:24	03/27/14 20:03	1
Fluorene	ND		4.9	0.042	ug/L		03/27/14 06:24	03/27/14 20:03	1
Hexachlorobenzene	ND		4.9	0.27	ug/L		03/27/14 06:24	03/27/14 20:03	1
Hexachlorobutadiene	ND		4.9	0.60	ug/L		03/27/14 06:24	03/27/14 20:03	1
Hexachlorocyclopentadiene	ND		4.9	0.44	ug/L		03/27/14 06:24	03/27/14 20:03	1
Hexachloroethane	ND		4.9	0.47	ug/L		03/27/14 06:24	03/27/14 20:03	1
Indeno[1,2,3-cd]pyrene	ND	*	4.9	0.18	ug/L		03/27/14 06:24	03/27/14 20:03	1
Isophorone	ND		4.9	0.15	ug/L		03/27/14 06:24	03/27/14 20:03	1
Naphthalene	ND		4.9	0.078	ug/L		03/27/14 06:24	03/27/14 20:03	1
Nitrobenzene	ND		4.9	0.11	ug/L		03/27/14 06:24	03/27/14 20:03	1
N-Nitrosodimethylamine	ND		9.8	0.94	ug/L		03/27/14 06:24	03/27/14 20:03	1
N-Nitrosodi-n-propylamine	ND		4.9	0.22	ug/L		03/27/14 06:24	03/27/14 20:03	1
N-Nitrosodiphenylamine	ND		4.9	0.39	ug/L		03/27/14 06:24	03/27/14 20:03	1
n-Octadecane	ND		9.8	0.68	ug/L		03/27/14 06:24	03/27/14 20:03	1
Pentachlorophenol	ND		9.8	0.40	ug/L		03/27/14 06:24	03/27/14 20:03	1
Phenanthrene	ND		4.9	0.069	ug/L		03/27/14 06:24	03/27/14 20:03	1

Client Sample ID: BCC_BSA_SUMP
Date Collected: 03/26/14 14:30
Date Received: 03/26/14 16:05

Lab Sample ID: 480-56698-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**1.8**	**J**	4.9	0.12	ug/L		03/27/14 06:24	03/27/14 20:03	1
Pyrene	ND		4.9	0.040	ug/L		03/27/14 06:24	03/27/14 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 151*	*03/27/14 06:24*	*03/27/14 20:03*	*1*
2-Fluorobiphenyl	*89*		*44 - 120*	*03/27/14 06:24*	*03/27/14 20:03*	*1*
2-Fluorophenol	*38*		*17 - 120*	*03/27/14 06:24*	*03/27/14 20:03*	*1*
Nitrobenzene-d5	*77*		*42 - 120*	*03/27/14 06:24*	*03/27/14 20:03*	*1*
Phenol-d5	*28*		*10 - 120*	*03/27/14 06:24*	*03/27/14 20:03*	*1*
p-Terphenyl-d14	*129*	*X*	*22 - 125*	*03/27/14 06:24*	*03/27/14 20:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.059	0.037	ug/L		03/28/14 06:43	03/31/14 10:30	1
PCB-1221	ND		0.059	0.037	ug/L		03/28/14 06:43	03/31/14 10:30	1
PCB-1232	ND		0.059	0.037	ug/L		03/28/14 06:43	03/31/14 10:30	1
PCB-1242	ND		0.059	0.037	ug/L		03/28/14 06:43	03/31/14 10:30	1
PCB-1248	ND		0.059	0.037	ug/L		03/28/14 06:43	03/31/14 10:30	1
PCB-1254	ND		0.059	0.031	ug/L		03/28/14 06:43	03/31/14 10:30	1
PCB-1260	ND		0.059	0.031	ug/L		03/28/14 06:43	03/31/14 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*10 - 158*	*03/28/14 06:43*	*03/31/14 10:30*	*1*
Tetrachloro-m-xylene	*99*		*25 - 151*	*03/28/14 06:43*	*03/31/14 10:30*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0030**	**J**	0.0040	0.0010	mg/L		03/27/14 09:55	03/27/14 17:41	1
Copper	**0.0080**	**J**	0.010	0.0016	mg/L		03/27/14 09:55	03/27/14 17:41	1
Lead	ND		0.0050	0.0030	mg/L		03/27/14 09:55	03/28/14 12:49	1
Nickel	**0.0044**	**J**	0.010	0.0013	mg/L		03/27/14 09:55	03/27/14 17:41	1
Zinc	**0.011**		0.010	0.0015	mg/L		03/27/14 09:55	03/27/14 17:41	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		03/28/14 09:40	03/28/14 13:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.0057**	**J**	0.010	0.0050	mg/L		04/07/14 13:25	04/08/14 11:10	1
Cyanide, Amenable	**0.034**	**H**	0.010	0.0050	mg/L			04/18/14 14:20	1
Biochemical Oxygen Demand	**18.6**	*** b**	2.0	2.0	mg/L			03/27/14 05:53	1
Phosphorus	**0.26**		0.10	0.014	mg/L		04/14/14 07:34	04/14/14 14:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**10.4**		4.0	4.0	mg/L			03/28/14 17:23	1
pH	**8.53**	**HF**	0.100	0.100	SU			03/27/14 05:53	1

General Chemistry - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	**4.6**	**H b**	2.0	2.0	mg/L			04/03/14 16:00	1

Client Sample ID: TRIP BLANK
Date Collected: 03/26/14 14:30
Date Received: 03/26/14 16:05

Lab Sample ID: 480-56698-2
Matrix: Water

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			03/27/14 15:43	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/27/14 15:43	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/27/14 15:43	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/27/14 15:43	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/27/14 15:43	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/27/14 15:43	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/27/14 15:43	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/27/14 15:43	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/27/14 15:43	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/27/14 15:43	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/27/14 15:43	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/27/14 15:43	1
Acrolein	ND		100	17	ug/L			03/27/14 15:43	1
Acrylonitrile	ND		50	1.9	ug/L			03/27/14 15:43	1
Benzene	ND		5.0	0.60	ug/L			03/27/14 15:43	1
Bromoform	ND		5.0	0.47	ug/L			03/27/14 15:43	1
Bromomethane	ND		5.0	1.2	ug/L			03/27/14 15:43	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/27/14 15:43	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/27/14 15:43	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/27/14 15:43	1
Chloroethane	ND		5.0	0.87	ug/L			03/27/14 15:43	1
Chloroform	ND		5.0	0.54	ug/L			03/27/14 15:43	1
Chloromethane	ND		5.0	0.64	ug/L			03/27/14 15:43	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/27/14 15:43	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/27/14 15:43	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/27/14 15:43	1
Methylene Chloride	**2.0**	**J**	5.0	0.81	ug/L			03/27/14 15:43	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/27/14 15:43	1
Toluene	ND		5.0	0.45	ug/L			03/27/14 15:43	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/27/14 15:43	1
Trichloroethene	ND		5.0	0.60	ug/L			03/27/14 15:43	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/27/14 15:43	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/27/14 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*72 - 130*		*03/27/14 15:43*	*1*
4-Bromofluorobenzene (Surr)	*92*		*69 - 121*		*03/27/14 15:43*	*1*
Toluene-d8 (Surr)	*93*		*70 - 123*		*03/27/14 15:43*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-56698-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-56698-1	BCC_BSA_SUMP	91	91	92

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-56698-2	TRIP BLANK	90	92	93
LCS 480-172249/5	Lab Control Sample	82	92	93
MB 480-172249/6	Method Blank	86	92	92

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-56698-1	BCC_BSA_SUMP	101	89	38	77	28	129 X

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
LCS 480-172168/2-A	Lab Control Sample	103	86	45	77	33	118
MB 480-172168/1-A	Method Blank	92	90	45	81	33	114

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

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(10-158)	(25-151)										
480-56698-1	BCC_BSA_SUMP	56	99										
480-56698-1 MS	BCC_BSA_SUMP	36	89										

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(10-158)	(25-151)										
LCS 480-172455/2-A	Lab Control Sample	47	98										
MB 480-172455/1-A	Method Blank	60	98										

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

TestAmerica Job ID: 480-56698-1

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

Lab Sample ID: MB 480-172249/6
Matrix: Water
Analysis Batch: 172249

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			03/27/14 12:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/27/14 12:41	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/27/14 12:41	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/27/14 12:41	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/27/14 12:41	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/27/14 12:41	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/27/14 12:41	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/27/14 12:41	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/27/14 12:41	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/27/14 12:41	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/27/14 12:41	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/27/14 12:41	1
Acrolein	ND		100	17	ug/L			03/27/14 12:41	1
Acrylonitrile	ND		50	1.9	ug/L			03/27/14 12:41	1
Benzene	ND		5.0	0.60	ug/L			03/27/14 12:41	1
Bromoform	ND		5.0	0.47	ug/L			03/27/14 12:41	1
Bromomethane	ND		5.0	1.2	ug/L			03/27/14 12:41	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/27/14 12:41	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/27/14 12:41	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/27/14 12:41	1
Chloroethane	ND		5.0	0.87	ug/L			03/27/14 12:41	1
Chloroform	ND		5.0	0.54	ug/L			03/27/14 12:41	1
Chloromethane	ND		5.0	0.64	ug/L			03/27/14 12:41	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/27/14 12:41	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/27/14 12:41	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/27/14 12:41	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/27/14 12:41	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/27/14 12:41	1
Toluene	ND		5.0	0.45	ug/L			03/27/14 12:41	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/27/14 12:41	1
Trichloroethene	ND		5.0	0.60	ug/L			03/27/14 12:41	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/27/14 12:41	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/27/14 12:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*		*03/27/14 12:41*	*1*
4-Bromofluorobenzene (Surr)	*92*		*69 - 121*		*03/27/14 12:41*	*1*
Toluene-d8 (Surr)	*92*		*70 - 123*		*03/27/14 12:41*	*1*

Lab Sample ID: LCS 480-172249/5
Matrix: Water
Analysis Batch: 172249

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	19.2		ug/L		96	52 - 162
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	46 - 157
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	52 - 150
1,1-Dichloroethane	20.0	19.9		ug/L		99	59 - 155

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

Lab Sample ID: LCS 480-172249/5
Matrix: Water
Analysis Batch: 172249

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	20.5		ug/L		102	1 - 234
1,2-Dichlorobenzene	20.0	19.7		ug/L		98	18 - 190
1,2-Dichloroethane	20.0	18.4		ug/L		92	49 - 155
1,2-Dichloropropane	20.0	19.2		ug/L		96	1 - 210
1,3-Dichlorobenzene	20.0	19.9		ug/L		99	59 - 156
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	18 - 190
2-Chloroethyl vinyl ether	20.0	19.1	J	ug/L		96	1 - 305
Benzene	20.0	19.6		ug/L		98	37 - 151
Bromoform	20.0	17.2		ug/L		86	45 - 169
Bromomethane	20.0	20.0		ug/L		100	1 - 242
Carbon tetrachloride	20.0	19.9		ug/L		100	70 - 140
Chlorobenzene	20.0	20.0		ug/L		100	37 - 160
Dibromochloromethane	19.6	18.5		ug/L		94	53 - 149
Chloroethane	20.0	17.8		ug/L		89	14 - 230
Chloroform	20.0	19.8		ug/L		99	51 - 138
Chloromethane	20.0	17.1		ug/L		86	1 - 273
cis-1,3-Dichloropropene	20.0	19.9		ug/L		100	1 - 227
Bromodichloromethane	20.0	18.7		ug/L		93	35 - 155
Ethylbenzene	20.0	20.7		ug/L		103	37 - 162
Methylene Chloride	20.0	19.6		ug/L		98	1 - 221
Tetrachloroethene	20.0	21.0		ug/L		105	64 - 148
Toluene	20.0	19.6		ug/L		98	47 - 150
trans-1,3-Dichloropropene	20.0	21.1		ug/L		106	17 - 183
Trichloroethene	20.0	20.7		ug/L		104	71 - 157
Trichlorofluoromethane	20.0	17.5		ug/L		87	17 - 181
Vinyl chloride	20.0	18.3		ug/L		91	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*72 - 130*
4-Bromofluorobenzene (Surr)	*92*		*69 - 121*
Toluene-d8 (Surr)	*93*		*70 - 123*

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

Lab Sample ID: MB 480-172168/1-A
Matrix: Water
Analysis Batch: 172236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		03/27/14 06:24	03/27/14 15:50	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		03/27/14 06:24	03/27/14 15:50	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		03/27/14 06:24	03/27/14 15:50	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		03/27/14 06:24	03/27/14 15:50	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		03/27/14 06:24	03/27/14 15:50	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.086	ug/L		03/27/14 06:24	03/27/14 15:50	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		03/27/14 06:24	03/27/14 15:50	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		03/27/14 06:24	03/27/14 15:50	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		03/27/14 06:24	03/27/14 15:50	1

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

Lab Sample ID: MB 480-172168/1-A
Matrix: Water
Analysis Batch: 172236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		03/27/14 06:24	03/27/14 15:50	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		03/27/14 06:24	03/27/14 15:50	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		03/27/14 06:24	03/27/14 15:50	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		03/27/14 06:24	03/27/14 15:50	1
2-Chlorophenol	ND		5.0	0.16	ug/L		03/27/14 06:24	03/27/14 15:50	1
2-Nitrophenol	ND		5.0	0.14	ug/L		03/27/14 06:24	03/27/14 15:50	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		03/27/14 06:24	03/27/14 15:50	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		03/27/14 06:24	03/27/14 15:50	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		03/27/14 06:24	03/27/14 15:50	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		03/27/14 06:24	03/27/14 15:50	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		03/27/14 06:24	03/27/14 15:50	1
4-Nitrophenol	ND		10	1.3	ug/L		03/27/14 06:24	03/27/14 15:50	1
Acenaphthene	ND		5.0	0.060	ug/L		03/27/14 06:24	03/27/14 15:50	1
Acenaphthylene	ND		5.0	0.034	ug/L		03/27/14 06:24	03/27/14 15:50	1
Aniline	ND		10	0.087	ug/L		03/27/14 06:24	03/27/14 15:50	1
Anthracene	ND		5.0	0.052	ug/L		03/27/14 06:24	03/27/14 15:50	1
Benzidine	ND		80	2.5	ug/L		03/27/14 06:24	03/27/14 15:50	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		03/27/14 06:24	03/27/14 15:50	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		03/27/14 06:24	03/27/14 15:50	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		03/27/14 06:24	03/27/14 15:50	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		03/27/14 06:24	03/27/14 15:50	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		03/27/14 06:24	03/27/14 15:50	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		03/27/14 06:24	03/27/14 15:50	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		03/27/14 06:24	03/27/14 15:50	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		03/27/14 06:24	03/27/14 15:50	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		03/27/14 06:24	03/27/14 15:50	1
Chrysene	ND		5.0	0.036	ug/L		03/27/14 06:24	03/27/14 15:50	1
Decane	ND		10	1.6	ug/L		03/27/14 06:24	03/27/14 15:50	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		03/27/14 06:24	03/27/14 15:50	1
Diethyl phthalate	ND		5.0	0.17	ug/L		03/27/14 06:24	03/27/14 15:50	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		03/27/14 06:24	03/27/14 15:50	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		03/27/14 06:24	03/27/14 15:50	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		03/27/14 06:24	03/27/14 15:50	1
Fluoranthene	ND		5.0	0.11	ug/L		03/27/14 06:24	03/27/14 15:50	1
Fluorene	ND		5.0	0.043	ug/L		03/27/14 06:24	03/27/14 15:50	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		03/27/14 06:24	03/27/14 15:50	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		03/27/14 06:24	03/27/14 15:50	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		03/27/14 06:24	03/27/14 15:50	1
Hexachloroethane	ND		5.0	0.48	ug/L		03/27/14 06:24	03/27/14 15:50	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		03/27/14 06:24	03/27/14 15:50	1
Isophorone	ND		5.0	0.16	ug/L		03/27/14 06:24	03/27/14 15:50	1
Naphthalene	ND		5.0	0.080	ug/L		03/27/14 06:24	03/27/14 15:50	1
Nitrobenzene	ND		5.0	0.11	ug/L		03/27/14 06:24	03/27/14 15:50	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		03/27/14 06:24	03/27/14 15:50	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		03/27/14 06:24	03/27/14 15:50	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		03/27/14 06:24	03/27/14 15:50	1
n-Octadecane	ND		10	0.70	ug/L		03/27/14 06:24	03/27/14 15:50	1
Pentachlorophenol	ND		10	0.41	ug/L		03/27/14 06:24	03/27/14 15:50	1

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

Lab Sample ID: MB 480-172168/1-A
Matrix: Water
Analysis Batch: 172236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		5.0	0.071	ug/L		03/27/14 06:24	03/27/14 15:50	1
Phenol	ND		5.0	0.12	ug/L		03/27/14 06:24	03/27/14 15:50	1
Pyrene	ND		5.0	0.041	ug/L		03/27/14 06:24	03/27/14 15:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*52 - 151*	*03/27/14 06:24*	*03/27/14 15:50*	*1*
2-Fluorobiphenyl	*90*		*44 - 120*	*03/27/14 06:24*	*03/27/14 15:50*	*1*
2-Fluorophenol	*45*		*17 - 120*	*03/27/14 06:24*	*03/27/14 15:50*	*1*
Nitrobenzene-d5	*81*		*42 - 120*	*03/27/14 06:24*	*03/27/14 15:50*	*1*
Phenol-d5	*33*		*10 - 120*	*03/27/14 06:24*	*03/27/14 15:50*	*1*
p-Terphenyl-d14	*114*		*22 - 125*	*03/27/14 06:24*	*03/27/14 15:50*	*1*

Lab Sample ID: LCS 480-172168/2-A
Matrix: Water
Analysis Batch: 172236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172168

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	67.5		ug/L		67	44 - 142
1,2-Dichlorobenzene	100	57.3		ug/L		57	32 - 129
1,3-Dichlorobenzene	100	51.9		ug/L		52	1 - 172
1,4-Dichlorobenzene	100	54.5		ug/L		54	20 - 124
2,2'-oxybis[1-chloropropane]	100	77.9		ug/L		78	36 - 166
2,4,6-Trichlorophenol	100	98.0		ug/L		98	37 - 144
2,4-Dichlorophenol	100	86.2		ug/L		86	39 - 135
2,4-Dimethylphenol	100	89.7		ug/L		90	32 - 119
2,4-Dinitrophenol	200	197		ug/L		98	1 - 191
2,4-Dinitrotoluene	100	102		ug/L		102	39 - 139
2,6-Dinitrotoluene	100	100		ug/L		100	50 - 158
2-Chloronaphthalene	100	90.7		ug/L		91	60 - 118
2-Chlorophenol	100	77.4		ug/L		77	23 - 134
2-Nitrophenol	100	86.7		ug/L		87	29 - 182
3,3'-Dichlorobenzidine	100	68.4		ug/L		68	1 - 262
4,6-Dinitro-2-methylphenol	200	220		ug/L		110	1 - 181
4-Bromophenyl phenyl ether	100	101		ug/L		101	53 - 127
4-Chloro-3-methylphenol	100	92.2		ug/L		92	22 - 147
4-Chlorophenyl phenyl ether	100	91.4		ug/L		91	25 - 158
4-Nitrophenol	200	104		ug/L		52	1 - 132
Acenaphthene	100	91.4		ug/L		91	47 - 145
Acenaphthylene	100	91.1		ug/L		91	33 - 145
Aniline	100	51.6		ug/L		52	40 - 120
Anthracene	100	98.7		ug/L		99	27 - 133
Benzo[a]anthracene	100	103		ug/L		103	33 - 143
Benzo[a]pyrene	100	110		ug/L		110	17 - 163
Benzo[b]fluoranthene	100	105		ug/L		105	24 - 159
Benzo[g,h,i]perylene	100	107		ug/L		107	1 - 219
Benzo[k]fluoranthene	100	117		ug/L		117	11 - 162
Bis(2-chloroethoxy)methane	100	84.8		ug/L		85	33 - 184
Bis(2-chloroethyl)ether	100	78.8		ug/L		79	12 - 158

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

Lab Sample ID: LCS 480-172168/2-A
Matrix: Water
Analysis Batch: 172236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172168

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	100	118		ug/L		118	8 - 158
Butyl benzyl phthalate	100	112		ug/L		112	1 - 152
Chrysene	100	101		ug/L		101	17 - 168
Dibenz(a,h)anthracene	100	111		ug/L		111	1 - 227
Diethyl phthalate	100	98.5		ug/L		99	1 - 114
Dimethyl phthalate	100	99.3		ug/L		99	1 - 112
Di-n-butyl phthalate	100	103		ug/L		103	1 - 118
Di-n-octyl phthalate	100	103		ug/L		103	4 - 146
Fluoranthene	100	94.9		ug/L		95	26 - 137
Fluorene	100	91.6		ug/L		92	59 - 121
Hexachlorobenzene	100	101		ug/L		101	1 - 152
Hexachlorocyclopentadiene	100	69.1		ug/L		69	5 - 120
Hexachloroethane	100	49.8		ug/L		50	40 - 113
Indeno[1,2,3-cd]pyrene	100	115		ug/L		115	1 - 171
Isophorone	100	93.1		ug/L		93	21 - 196
Naphthalene	100	76.5		ug/L		77	21 - 133
Nitrobenzene	100	82.2		ug/L		82	35 - 180
N-Nitrosodi-n-propylamine	100	85.8		ug/L		86	1 - 230
N-Nitrosodiphenylamine	100	103		ug/L		103	54 - 125
Pentachlorophenol	200	223		ug/L		112	14 - 176
Phenanthrene	100	99.0		ug/L		99	54 - 120
Phenol	100	38.6		ug/L		39	5 - 112
Pyrene	100	115		ug/L		115	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*103*		*52 - 151*
2-Fluorobiphenyl	*86*		*44 - 120*
2-Fluorophenol	*45*		*17 - 120*
Nitrobenzene-d5	*77*		*42 - 120*
Phenol-d5	*33*		*10 - 120*
p-Terphenyl-d14	*118*		*22 - 125*

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

Lab Sample ID: MB 480-172455/1-A
Matrix: Water
Analysis Batch: 172892

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172455

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		03/28/14 06:43	03/31/14 09:10	1
PCB-1221	ND		0.060	0.038	ug/L		03/28/14 06:43	03/31/14 09:10	1
PCB-1232	ND		0.060	0.038	ug/L		03/28/14 06:43	03/31/14 09:10	1
PCB-1242	ND		0.060	0.038	ug/L		03/28/14 06:43	03/31/14 09:10	1
PCB-1248	ND		0.060	0.038	ug/L		03/28/14 06:43	03/31/14 09:10	1
PCB-1254	ND		0.060	0.031	ug/L		03/28/14 06:43	03/31/14 09:10	1
PCB-1260	ND		0.060	0.031	ug/L		03/28/14 06:43	03/31/14 09:10	1

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

Lab Sample ID: MB 480-172455/1-A
Matrix: Water
Analysis Batch: 172892

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172455

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*10 - 158*	*03/28/14 06:43*	*03/31/14 09:10*	*1*
Tetrachloro-m-xylene	*98*		*25 - 151*	*03/28/14 06:43*	*03/31/14 09:10*	*1*

Lab Sample ID: LCS 480-172455/2-A
Matrix: Water
Analysis Batch: 172892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172455

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.810		ug/L		81	40 - 142
PCB-1260	1.00	0.913		ug/L		91	34 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*47*		*10 - 158*
Tetrachloro-m-xylene	*98*		*25 - 151*

Lab Sample ID: 480-56698-1 MS
Matrix: Ground Water
Analysis Batch: 172892

Client Sample ID: BCC_BSA_SUMP
Prep Type: Total/NA
Prep Batch: 172455

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		0.966	0.705		ug/L		73	41 - 154
PCB-1260	ND		0.966	0.738		ug/L		76	26 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*36*		*10 - 158*
Tetrachloro-m-xylene	*89*		*25 - 151*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-172192/1-A
Matrix: Water
Analysis Batch: 172493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		03/27/14 09:55	03/27/14 17:01	1
Copper	ND		0.010	0.0016	mg/L		03/27/14 09:55	03/27/14 17:01	1
Lead	ND		0.0050	0.0030	mg/L		03/27/14 09:55	03/27/14 17:01	1
Nickel	ND		0.010	0.0013	mg/L		03/27/14 09:55	03/27/14 17:01	1
Zinc	ND		0.010	0.0015	mg/L		03/27/14 09:55	03/27/14 17:01	1

Lab Sample ID: LCS 480-172192/2-A
Matrix: Water
Analysis Batch: 172493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.200		mg/L		100	85 - 115
Copper	0.200	0.202		mg/L		101	85 - 115

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-172192/2-A
Matrix: Water
Analysis Batch: 172493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.200	0.202		mg/L		101	85 - 115
Nickel	0.200	0.194		mg/L		97	85 - 115
Zinc	0.200	0.201		mg/L		101	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-172486/1-A
Matrix: Water
Analysis Batch: 172601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/28/14 09:40	03/28/14 13:14	1

Lab Sample ID: LCS 480-172486/2-A
Matrix: Water
Analysis Batch: 172601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00643		mg/L		96	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-174305/1-A
Matrix: Water
Analysis Batch: 174510

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174305

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		04/07/14 13:25	04/08/14 11:10	1

Lab Sample ID: LCS 480-174305/2-A
Matrix: Water
Analysis Batch: 174510

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174305

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.0979		mg/L		98	90 - 110

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

Lab Sample ID: MB 480-172643/1
Matrix: Water
Analysis Batch: 172643

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		4.0	4.0	mg/L			03/28/14 17:19	1

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

Lab Sample ID: LCS 480-172643/2
Matrix: Water
Analysis Batch: 172643

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	260	246.0		mg/L		95	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-172165/23
Matrix: Water
Analysis Batch: 172165

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 5210B - BOD, 5-Day

Lab Sample ID: USB 480-172237/1
Matrix: Water
Analysis Batch: 172237

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			03/27/14 05:53	1

Lab Sample ID: LCS 480-172237/2
Matrix: Water
Analysis Batch: 172237

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	249.6	*	mg/L		126	85 - 115

Lab Sample ID: USB 480-173722/1
Matrix: Water
Analysis Batch: 173722

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			04/03/14 16:00	1

Lab Sample ID: LCS 480-173722/2
Matrix: Water
Analysis Batch: 173722

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	202.2		mg/L		102	85 - 115

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

TestAmerica Job ID: 480-56698-1

Method: SM4500 P E-1999 - Phosphorus

Lab Sample ID: MB 240-126322/42-A
Matrix: Water
Analysis Batch: 126429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.10	0.014	mg/L		04/14/14 07:27	04/14/14 14:09	1

Lab Sample ID: LCS 240-126322/43-A
Matrix: Water
Analysis Batch: 126429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.313	0.316		mg/L		101	53 - 134

GC/MS VOA

Analysis Batch: 172249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	624	
480-56698-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-172249/5	Lab Control Sample	Total/NA	Water	624	
MB 480-172249/6	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 172168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	625	
LCS 480-172168/2-A	Lab Control Sample	Total/NA	Water	625	
MB 480-172168/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 172236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	625	172168
LCS 480-172168/2-A	Lab Control Sample	Total/NA	Water	625	172168
MB 480-172168/1-A	Method Blank	Total/NA	Water	625	172168

GC Semi VOA

Prep Batch: 172455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	3510C	
480-56698-1 MS	BCC_BSA_SUMP	Total/NA	Ground Water	3510C	
LCS 480-172455/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-172455/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 172892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	608	172455
480-56698-1 MS	BCC_BSA_SUMP	Total/NA	Ground Water	608	172455
LCS 480-172455/2-A	Lab Control Sample	Total/NA	Water	608	172455
MB 480-172455/1-A	Method Blank	Total/NA	Water	608	172455

Metals

Prep Batch: 172192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	200.7	
LCS 480-172192/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-172192/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 172486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	245.1	
LCS 480-172486/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-172486/1-A	Method Blank	Total/NA	Water	245.1	

Metals (Continued)

Analysis Batch: 172493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	200.7 Rev 4.4	172192
LCS 480-172192/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	172192
MB 480-172192/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	172192

Analysis Batch: 172585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	200.7 Rev 4.4	172192

Analysis Batch: 172601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	245.1	172486
LCS 480-172486/2-A	Lab Control Sample	Total/NA	Water	245.1	172486
MB 480-172486/1-A	Method Blank	Total/NA	Water	245.1	172486

General Chemistry

Prep Batch: 126322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	365.2/365.3/365	
LCS 240-126322/43-A	Lab Control Sample	Total/NA	Water	365.2/365.3/365	
MB 240-126322/42-A	Method Blank	Total/NA	Water	365.2/365.3/365	

Analysis Batch: 126429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	SM4500 P E-1999	126322
LCS 240-126322/43-A	Lab Control Sample	Total/NA	Water	SM4500 P E-1999	126322
MB 240-126322/42-A	Method Blank	Total/NA	Water	SM4500 P E-1999	126322

Analysis Batch: 172165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	SM 4500 H+ B	
LCS 480-172165/23	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 172237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	SM 5210B	
LCS 480-172237/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-172237/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 172643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	SM 2540D	
LCS 480-172643/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-172643/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 173722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1 - RA	BCC_BSA_SUMP	Total/NA	Ground Water	SM 5210B	

General Chemistry (Continued)

Analysis Batch: 173722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-173722/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-173722/1	Method Blank	Total/NA	Water	SM 5210B	

Prep Batch: 174305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	Distill/Phenol	
LCS 480-174305/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-174305/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 174510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	420.4	174305
LCS 480-174305/2-A	Lab Control Sample	Total/NA	Water	420.4	174305
MB 480-174305/1-A	Method Blank	Total/NA	Water	420.4	174305

Analysis Batch: 177357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56698-1	BCC_BSA_SUMP	Total/NA	Ground Water	SM 4500 CN G	

Lab Chronicle

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

TestAmerica Job ID: 480-56698-1

Client Sample ID: BCC_BSA_SUMP

Lab Sample ID: 480-56698-1

Date Collected: 03/26/14 14:30

Matrix: Ground Water

Date Received: 03/26/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	172249	03/27/14 15:18	TRB	TAL BUF
Total/NA	Prep	625			172168	03/27/14 06:24	MCZ	TAL BUF
Total/NA	Analysis	625		1	172236	03/27/14 20:03	ANM	TAL BUF
Total/NA	Prep	3510C			172455	03/28/14 06:43	MCZ	TAL BUF
Total/NA	Analysis	608		1	172892	03/31/14 10:30	JMM	TAL BUF
Total/NA	Prep	200.7			172192	03/27/14 09:55	EHD	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	172585	03/28/14 12:49	LMH	TAL BUF
Total/NA	Prep	200.7			172192	03/27/14 09:55	EHD	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	172493	03/27/14 17:41	LMH	TAL BUF
Total/NA	Prep	245.1			172486	03/28/14 09:40	JRK	TAL BUF
Total/NA	Analysis	245.1		1	172601	03/28/14 13:48	LRK	TAL BUF
Total/NA	Prep	Distill/Phenol			174305	04/07/14 13:25	RP	TAL BUF
Total/NA	Analysis	420.4		1	174510	04/08/14 11:10	NCH	TAL BUF
Total/NA	Analysis	SM 2540D		1	172643	03/28/14 17:23	KS	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	177357	04/18/14 14:20	NCH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	172165	03/27/14 05:53	KS	TAL BUF
Total/NA	Analysis	SM 5210B		1	172237	03/27/14 05:53	MDL	TAL BUF
Total/NA	Analysis	SM 5210B	RA	1	173722	04/03/14 16:00	JTS	TAL BUF
Total/NA	Prep	365.2/365.3/365			126322	04/14/14 07:34	TPH	TAL CAN
Total/NA	Analysis	SM4500 P E-1999		1	126429	04/14/14 14:12	TPH	TAL CAN

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-56698-2

Date Collected: 03/26/14 14:30

Matrix: Water

Date Received: 03/26/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	172249	03/27/14 15:43	TRB	TAL BUF

Laboratory References:

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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

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

TestAmerica Job ID: 480-56698-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	State Program	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-15
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	03-31-15
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	05-31-14
Wisconsin	State Program	5	998310390	08-31-14

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14
Kansas	NELAP	7	E-10336	03-31-14 *
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

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

TestAmerica Job ID: 480-56698-1

Laboratory: TestAmerica Canton (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14

Method Summary

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

TestAmerica Job ID: 480-56698-1

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
420.4	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 5210B	BOD, 5-Day	SM	TAL BUF
SM4500 P E-1999	Phosphorus	SM	TAL CAN

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
TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

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

TestAmerica Job ID: 480-56698-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56698-1	BCC_BSA_SUMP	Ground Water	03/26/14 14:30	03/26/14 16:05
480-56698-2	TRIP BLANK	Water	03/26/14 14:30	03/26/14 16:05

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date:	COC No: 270931-0326.14
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier:	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W)			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week			
Site: Buffalo Color - NY7A9728	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7 , 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH	
BCC_BSA_Sump_			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							
Container Volume (ml)							250	250	250	40	1000	1000	1000	500	250	125	
							3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P	

Flow Rates (GPM)
EW-1: 7.53
EW-2: 0.96
EW-3A: 4.79
EW-4: 0.89
EW-5: 2.43

Composite Percent (%)
DC-1: 66
DC-2: 34

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

480-56698 Chain of Custody

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

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	3/26/14 1605	[signature]	TA BUFFALO	3/26/14 1605
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 2.0

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-56698-1

Login Number: 56698

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.	False	no dates or times of collection listed.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	osc
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	Yes: Samples checked, no residual chlorine detected

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

		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						
Date	Associate	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	Containment Line Pressure Gauge Checks	Comments
1/3/2014	TW	45	31	33	30	28	21	18.9	19	8	7	5	7.37	23	15.6	8,323,764	22	23.4	6,151,505	18	12	12	4	3	y	
1/10/2014	TW	45	42	32	26	38	29	23.2	26	10	10	6	7.3	23	15.5	8,332,820	22	25.4	6,225,212	22.5						
1/24/2014	TW	44	41	33	27	39	28	26	24	12	12	7	7.15	23	15.2	8,440,398	22	24.7	6,353,341	22.5						
1/31/2014	TW	43	42	33	25	39	25	28.5	20	14	13	7	5.99	24	15.1	8,475,480	22	18.6	6,406,437	13						
2/7/2014	TW	43	42	32	28	40	28	29.7	22	16	15	8	7.13	28	15.2	8,539,091	22	24.2	6,452,782	21						
2/14/2014	TW	37	33	32	25	30	20	24.8	18	12	12	5	7.23	24	15.3	8,610,711	22	17.4	6,495,229	11	11	7	4	2	y	
2/21/2014	TW	45	42	31	29	40	29	25.2	24	19	18	6	7.01	24	15.3	8,690,232	22	17	6,520,159	21						
3/14/2014	TW	44	40	32	28	41	21	24.1	18	10	10	5	7.07	23	14.6	8,882,018	21	24.8	6,536,185	16			3	2		
3/28/2014	TW	45	35	32	24	35	20	21.5	16	9	9	4	6.82	23	14.3	8,968,112	21	23.3	6,594,253	15	10	8	3	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
1/1/2014													
1/2/2014												1	
1/3/2014													
1/4/2014													
1/5/2014													
1/6/2014									1	1	1		
1/7/2014								1	1	1			
1/8/2014									1				
1/9/2014													
1/10/2014													
1/11/2014									1	1			
1/12/2014													
1/13/2014													
1/14/2014													
1/15/2014													
1/16/2014									1				
1/17/2014								1		1			
1/18/2014													
1/19/2014													
1/20/2014								1	1	1			
1/21/2014									1				
1/22/2014					1	1	1	1	1				
1/23/2014									1				
1/24/2014								1	1	1			
1/25/2014													
1/26/2014													
1/27/2014								1	1				
1/28/2014		1											Siemens Vessel Carbon Change
1/29/2014													
1/30/2014													
1/31/2014						1		1					
2/1/2014													
2/2/2014													
2/3/2014								1				1	
2/4/2014													
2/5/2014													
2/6/2014													
2/7/2014													
2/8/2014													
2/9/2014													
2/10/2014								1					
2/11/2014										1			
2/12/2014								1					
2/13/2014										1			
2/14/2014								1					
2/15/2014													
2/16/2014													
2/17/2014					1	1	1	1	1		1		
2/18/2014									1			1	
2/19/2014													
2/20/2014													
2/21/2014								1	1	1			
2/22/2014													
2/23/2014													

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
2/24/2014							1	1		1		1	
2/25/2014									1				
2/26/2014								1		1			
2/27/2014									2	1			
2/28/2014								1		1			
3/1/2014													
3/2/2014													
3/3/2014								1	1				
3/4/2014										1			
3/5/2014								1					
3/6/2014									1	1			
3/7/2014								1	1	1			
3/8/2014													
3/9/2014													
3/10/2014			1					1	2	2			Gac #2 Carbon Change
3/11/2014									1	1			
3/12/2014					1	1	1	1			1	1	Sump sample
3/13/2014									1				
3/14/2014								1					
3/15/2014													
3/16/2014													Ran "D" pumps
3/17/2014					1			1	3	4			Cleaned tank #10
3/18/2014									1	1			
3/19/2014								1					
3/20/2014									1	1			
3/21/2014								1				1	
3/22/2014													
3/23/2014													
3/24/2014								1	1	1		1	
3/25/2014													
3/26/2014					1	1	1	1	2	1	1		Sump sample
3/27/2014									1	1			
3/28/2014								1		1		1	
3/29/2014													
3/30/2014													
3/31/2014								1	2	1			

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

July 31, 2014

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 #11-06-BU109 and Permit #14-06-BU109 (effective June 1, 2014)
OSC Project ID: 0913-OMM

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 former Buffalo Color Corporation Site covering the period of April 2014 through June 2014. This Discharge Monitoring Report has been completed consistent with the requirements of both Permit #11-06BU109 and #14-06-BU109.

Included with the report are:

- Operation log sheets;
- 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,

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

cc:
Richard Galloway	Honeywell
Eugene Melnyk	NYSDEC Region 9
John Yensan	South Buffalo Development, LLC
Daniel Forlastro	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. #11-06-BU109 and #14-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: April 2014 through June 2014

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 presenting 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 2014	562,832 gallons
May 2014	431,590 gallons
June 2014	325,995 gallons

Total Quarterly Discharge 1,320,417 gallons

Estimated Area D contribution this period:
17,006 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.

Andrew D. Madden
Project Engineer

Ontario Specialty Contracting, Inc.

Attachments:
Monitoring and Sampling Schematic, Field Data Collection Sheets, and Laboratory Analytical Results

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	11-06-BU109	effective June 1, 2011
Sample Date:	4/16/2014	
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Month: APR

Event Group: SUMP
Lab Job ID: J58093-1

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	8.35	0.100	SU	8.35	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	6.00	2.0	mg/L	6.0	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.01	0.010	mg/L	0.001	lbs/day	1.67	lbs/day	Yes	20	0.007	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0006	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.01	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0062	Yes
Lead	7439-92-1	0.00	0.0050	mg/L	0.0007	lbs/day	0.541	lbs/day	Yes	65	0.0042	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	0.00	0.010	mg/L	0.0007	lbs/day	1.17	lbs/day	Yes	14	0.0045	Yes
Zinc	7440-66-6	0.01	0.010	mg/L	0.002	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	20.0	1900	ug/L	0.0031	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	1.7	25	ug/L	0.0003	lbs/day	0.129	lbs/day	Yes	0.31	0.00	Yes
1,2-Dichlorobenzene	95-50-1	1.5	9.4	ug/L	0.0002	lbs/day	0.197	lbs/day	Yes	0.472	0.0015	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	2	25	ug/L	0.002	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	10.8	4.0	mg/L	10.8	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.240	0.010	mg/L	0.240	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	13.03	-	gpm	18,761	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	15,633,911	4/1/2014
Final Reading	16,196,743	4/30/2014
Total Days in Period	30	
Total Flow for Period	**562,832**	gallons
Average Flow for Period	**13.03**	gpm

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	11-06-BU109	effective June 1, 2011
Sample Date:	5/7/2014	
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Month: MAY

Event Group: SUMP
Lab Job ID: J59412-1

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	8.60	0.100	SU	8.60	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	13.20	2.0	mg/L	13.2	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	ND	0.010	mg/L	ND	lbs/day	1.67	lbs/day	Yes	20	ND	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0003	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.01	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0087	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	0.00	0.010	mg/L	0.0002	lbs/day	1.17	lbs/day	Yes	14	0.0019	Yes
Zinc	7440-66-6	0.01	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.008	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	9.0	1900	ug/L	0.0010	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	0.6	25	ug/L	0.0001	lbs/day	0.059	lbs/day	Yes	0.142	0.001	Yes
Chlorobenzene	108-90-7	1.4	25	ug/L	0.0002	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	3.2	4.7	ug/L	0.0004	lbs/day	0.131	lbs/day	Yes	0.314	0.00	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	0.4	4.7	ug/L	0.0000	lbs/day	0.131	lbs/day	Yes	0.314	0.0004	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	0.170	0.010	mg/L	0.170	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	9.67	-	gpm	13,922	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	16,196,743	5/1/2014
Final Reading	16,628,334	5/31/2014
Total Days in Period	31	
Total Flow for Period	**431,590**	gallons
Average Flow for Period	**9.67**	gpm

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	14-06-BU109	Effective June 1, 2014
Sample Date:	6/9/2014	
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Month: JUN

Event Group: SUMP
Lab Job ID: J61517-1

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	8.22	0.100	SU	8.22	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	10.00	2.0	mg/L	10.0	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.04	0.010	mg/L	0.003	lbs/day	1.67	lbs/day	Yes	20	0.035	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0001	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.01	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0069	Yes
Lead	7439-92-1	0.00	0.0050	mg/L	0.0004	lbs/day	0.541	lbs/day	Yes	65	0.0042	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	0.00	0.010	mg/L	0.0003	lbs/day	1.17	lbs/day	Yes	14	0.0029	Yes
Zinc	7440-66-6	0.01	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.006	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	20.0	1900	ug/L	0.0018	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	1.4	9.4	ug/L	0.0001	lbs/day	0.197	lbs/day	Yes	0.472	0.0014	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	4.8	4.0	mg/L	4.8	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.030	0.010	mg/L	0.030	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	7.55	-	gpm	10,867	gpd	50,000	gpd	Yes			

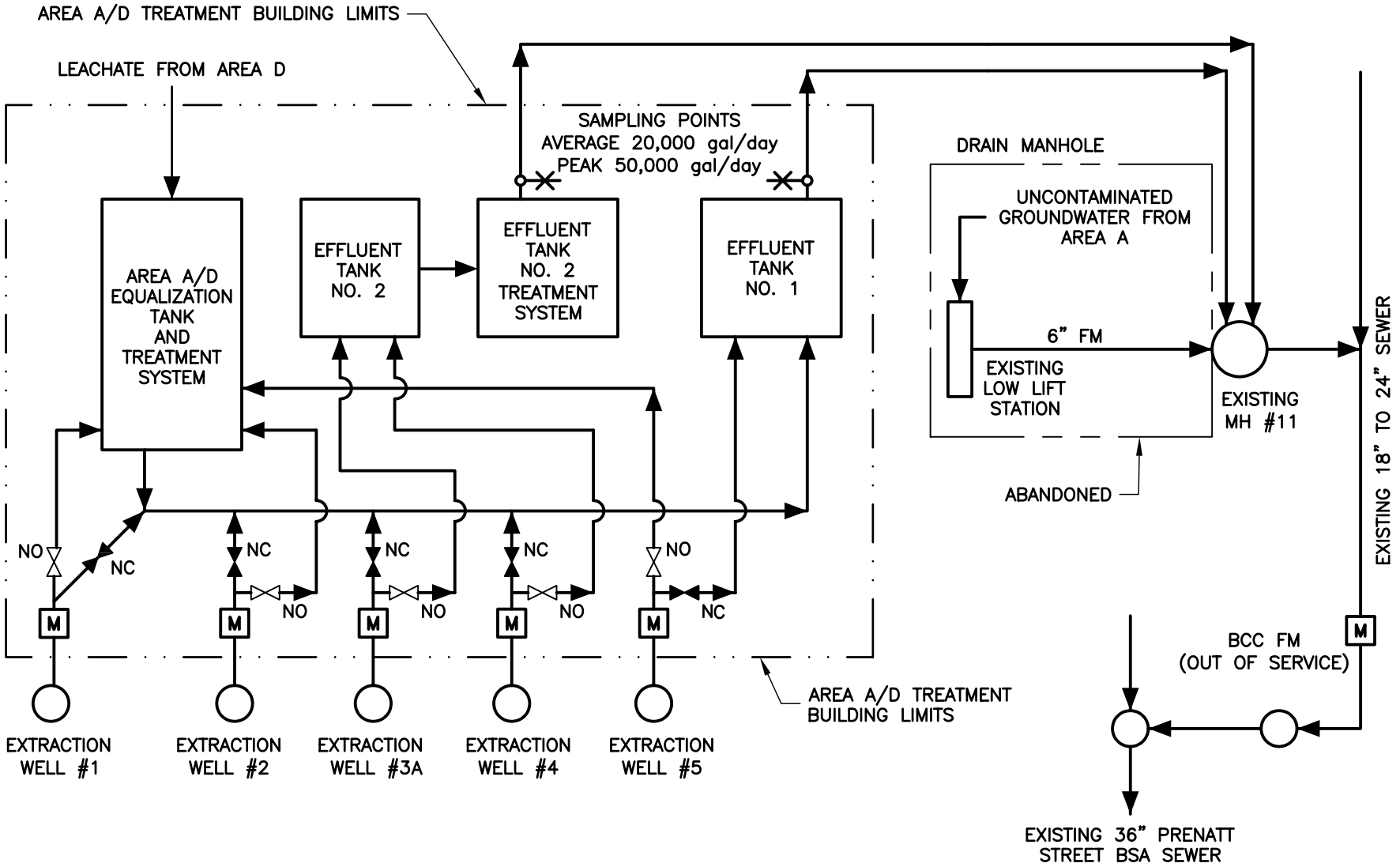
*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L.
**Analyzed by total phosphorus method SM 4500-P E
MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations

Combined Effluent No. 1 and No. 2 Flow Totals (gallons)

Initial Reading	16,628,334	6/1/2014
Final Reading	16,954,329	6/30/2014
Total Days in Period	30	
Total Flow for Period	**325,995**	gallons
Average Flow for Period	**7.55**	gpm

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

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: 480-58093-1
Client Project/Site: 37745-Buffalo Color- Monthly BSA SUMP
Sampling Event: Buffalo Color - Monthly Sump

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

Attn: Andrew Madden

Authorized for release by:
5/5/2014 2:06:13 PM

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

TestAmerica Job ID: 480-58093-1

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.
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD exceeds the control limits

Metals

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

General Chemistry

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
b	Result Detected in the Unseeded Control blank (USB).
HF	Field parameter with a holding time of 15 minutes
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.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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

TestAmerica Job ID: 480-58093-1

Job ID: 480-58093-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-58093-1

Comments
No additional comments.

Receipt
The sample was received on 4/16/2014 4:10 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0º C.

GC/MS VOA
Method(s) 624: The following sample(s) was composited by the laboratory on 4/17/14 as requested on the chain-of-custody: BCC BSA SUMP (480-58093-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 625: The continuing calibration verification (CCV) associated with batch 177404 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-177404/3).

Method(s) 625: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 177252 recovered outside control limits for the following analyte: n-Decane. This analyte is not a 625 method analyte; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 625: The laboratory control sample duplicate (LCSD) for batch 177252 recovered outside control limits for the following analytes: Diethyl phthalate and Pyrene. 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 %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 177252 recovered outside control limits for the following analyte: Benzidine. The recovery for this analyte was within quality control acceptance limits, therefore the data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 608: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Tetrachloro-m-xylene exceeded 15%, indicating a high bias. (CCV 480-177355/71), (CCV 480-177355/83)

No other analytical or quality issues were noted.

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

General Chemistry
Method(s) SM 5210B: The USB dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results in batch 176531 are reported. (USB 480-176531/1)

Method(s) SM 5210B: The glucose-glutamic acid standard recovered high outside the recovery limits specified in the method in batch 176531. The results for sample BCC BSA SUMP (480-58093-1) are considered biased high.

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 outside the 15 minute timeframe: (480-58093-1 DU), BCC BSA SUMP (480-58093-1).

Job ID: 480-58093-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

No other analytical or quality issues were noted.

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 batch 177339.

Method(s) 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 177252.

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-58093-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-58093-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.5	J	5.0	0.44	ug/L	1		624	Total/NA
Chlorobenzene	1.7	J	5.0	0.48	ug/L	1		624	Total/NA
Ethylbenzene	0.80	J	5.0	0.46	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	1.1	J	9.8	0.14	ug/L	1		625	Total/NA
1,3-Dichlorobenzene	0.17	J	9.8	0.068	ug/L	1		625	Total/NA
2,4-Dimethylphenol	0.37	J	4.9	0.13	ug/L	1		625	Total/NA
Acenaphthene	0.12	J	4.9	0.059	ug/L	1		625	Total/NA
Aniline	20		9.8	0.085	ug/L	1		625	Total/NA
Chromium	0.0041		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0062	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0042	J	0.0050	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0045	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0066	J	0.010	0.0050	mg/L	1		420.4	Total/NA
Phosphorus	0.24		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	6.0	* 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	10.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.35	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC BSA SUMP
Date Collected: 04/16/14 11:30
Date Received: 04/16/14 16:10

Lab Sample ID: 480-58093-1
Matrix: Water

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			04/17/14 20:22	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/17/14 20:22	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/17/14 20:22	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/17/14 20:22	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/17/14 20:22	1
1,2-Dichlorobenzene	**1.5**	**J**	5.0	0.44	ug/L			04/17/14 20:22	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/17/14 20:22	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/17/14 20:22	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/17/14 20:22	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/17/14 20:22	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/17/14 20:22	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/17/14 20:22	1
Acrolein	ND		100	17	ug/L			04/17/14 20:22	1
Acrylonitrile	ND		50	1.9	ug/L			04/17/14 20:22	1
Benzene	ND		5.0	0.60	ug/L			04/17/14 20:22	1
Bromoform	ND		5.0	0.47	ug/L			04/17/14 20:22	1
Bromomethane	ND		5.0	1.2	ug/L			04/17/14 20:22	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/17/14 20:22	1
Chlorobenzene	**1.7**	**J**	5.0	0.48	ug/L			04/17/14 20:22	1
Dibromochloromethane	ND		5.0	0.41	ug/L			04/17/14 20:22	1
Chloroethane	ND		5.0	0.87	ug/L			04/17/14 20:22	1
Chloroform	ND		5.0	0.54	ug/L			04/17/14 20:22	1
Chloromethane	ND		5.0	0.64	ug/L			04/17/14 20:22	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/17/14 20:22	1
Bromodichloromethane	ND		5.0	0.54	ug/L			04/17/14 20:22	1
Ethylbenzene	**0.80**	**J**	5.0	0.46	ug/L			04/17/14 20:22	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/17/14 20:22	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/17/14 20:22	1
Toluene	ND		5.0	0.45	ug/L			04/17/14 20:22	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/17/14 20:22	1
Trichloroethene	ND		5.0	0.60	ug/L			04/17/14 20:22	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			04/17/14 20:22	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/17/14 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 130*		*04/17/14 20:22*	*1*
4-Bromofluorobenzene (Surr)	*92*		*69 - 121*		*04/17/14 20:22*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*04/17/14 20:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.8	0.48	ug/L		04/21/14 14:53	04/23/14 12:55	1
1,2-Dichlorobenzene	**1.1**	**J**	9.8	0.14	ug/L		04/21/14 14:53	04/23/14 12:55	1
1,2-Diphenylhydrazine	ND		9.8	0.062	ug/L		04/21/14 14:53	04/23/14 12:55	1
1,3-Dichlorobenzene	**0.17**	**J**	9.8	0.068	ug/L		04/21/14 14:53	04/23/14 12:55	1
1,4-Dichlorobenzene	ND		9.8	0.088	ug/L		04/21/14 14:53	04/23/14 12:55	1
2,2'-oxybis[1-chloropropane]	ND		4.9	0.084	ug/L		04/21/14 14:53	04/23/14 12:55	1
2,4,6-Trichlorophenol	ND		4.9	0.23	ug/L		04/21/14 14:53	04/23/14 12:55	1
2,4-Dichlorophenol	ND		4.9	0.29	ug/L		04/21/14 14:53	04/23/14 12:55	1
2,4-Dimethylphenol	**0.37**	**J**	4.9	0.13	ug/L		04/21/14 14:53	04/23/14 12:55	1

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

TestAmerica Job ID: 480-58093-1

Client Sample ID: BCC BSA SUMP
Date Collected: 04/16/14 11:30
Date Received: 04/16/14 16:10

Lab Sample ID: 480-58093-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.8	0.82	ug/L		04/21/14 14:53	04/23/14 12:55	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		04/21/14 14:53	04/23/14 12:55	1
2,6-Dinitrotoluene	ND		4.9	0.70	ug/L		04/21/14 14:53	04/23/14 12:55	1
2-Chloronaphthalene	ND		4.9	0.066	ug/L		04/21/14 14:53	04/23/14 12:55	1
2-Chlorophenol	ND		4.9	0.15	ug/L		04/21/14 14:53	04/23/14 12:55	1
2-Nitrophenol	ND		4.9	0.14	ug/L		04/21/14 14:53	04/23/14 12:55	1
3,3'-Dichlorobenzidine	ND		4.9	0.81	ug/L		04/21/14 14:53	04/23/14 12:55	1
4,6-Dinitro-2-methylphenol	ND		9.8	0.75	ug/L		04/21/14 14:53	04/23/14 12:55	1
4-Bromophenyl phenyl ether	ND		4.9	0.11	ug/L		04/21/14 14:53	04/23/14 12:55	1
4-Chloro-3-methylphenol	ND		4.9	0.55	ug/L		04/21/14 14:53	04/23/14 12:55	1
4-Chlorophenyl phenyl ether	ND		4.9	0.21	ug/L		04/21/14 14:53	04/23/14 12:55	1
4-Nitrophenol	ND		9.8	1.3	ug/L		04/21/14 14:53	04/23/14 12:55	1
Acenaphthene	**0.12**	**J**	4.9	0.059	ug/L		04/21/14 14:53	04/23/14 12:55	1
Acenaphthylene	ND		4.9	0.033	ug/L		04/21/14 14:53	04/23/14 12:55	1
Aniline	**20**		9.8	0.085	ug/L		04/21/14 14:53	04/23/14 12:55	1
Anthracene	ND		4.9	0.052	ug/L		04/21/14 14:53	04/23/14 12:55	1
Benzidine	ND	*	79	2.5	ug/L		04/21/14 14:53	04/23/14 12:55	1
Benzo[a]anthracene	ND		4.9	0.042	ug/L		04/21/14 14:53	04/23/14 12:55	1
Benzo[a]pyrene	ND		4.9	0.057	ug/L		04/21/14 14:53	04/23/14 12:55	1
Benzo[b]fluoranthene	ND		4.9	0.060	ug/L		04/21/14 14:53	04/23/14 12:55	1
Benzo[g,h,i]perylene	ND		4.9	0.098	ug/L		04/21/14 14:53	04/23/14 12:55	1
Benzo[k]fluoranthene	ND		4.9	0.041	ug/L		04/21/14 14:53	04/23/14 12:55	1
Bis(2-chloroethoxy)methane	ND		4.9	0.083	ug/L		04/21/14 14:53	04/23/14 12:55	1
Bis(2-chloroethyl)ether	ND		4.9	1.1	ug/L		04/21/14 14:53	04/23/14 12:55	1
Bis(2-ethylhexyl) phthalate	ND		9.8	0.85	ug/L		04/21/14 14:53	04/23/14 12:55	1
Butyl benzyl phthalate	ND		4.9	1.3	ug/L		04/21/14 14:53	04/23/14 12:55	1
Chrysene	ND		4.9	0.035	ug/L		04/21/14 14:53	04/23/14 12:55	1
Decane	ND	*	9.8	1.6	ug/L		04/21/14 14:53	04/23/14 12:55	1
Dibenz(a,h)anthracene	ND		4.9	0.054	ug/L		04/21/14 14:53	04/23/14 12:55	1
Diethyl phthalate	ND	*	4.9	0.17	ug/L		04/21/14 14:53	04/23/14 12:55	1
Dimethyl phthalate	ND		4.9	0.16	ug/L		04/21/14 14:53	04/23/14 12:55	1
Di-n-butyl phthalate	ND		4.9	0.92	ug/L		04/21/14 14:53	04/23/14 12:55	1
Di-n-octyl phthalate	ND		4.9	4.4	ug/L		04/21/14 14:53	04/23/14 12:55	1
Fluoranthene	ND		4.9	0.11	ug/L		04/21/14 14:53	04/23/14 12:55	1
Fluorene	ND		4.9	0.042	ug/L		04/21/14 14:53	04/23/14 12:55	1
Hexachlorobenzene	ND		4.9	0.27	ug/L		04/21/14 14:53	04/23/14 12:55	1
Hexachlorobutadiene	ND		4.9	0.61	ug/L		04/21/14 14:53	04/23/14 12:55	1
Hexachlorocyclopentadiene	ND		4.9	0.44	ug/L		04/21/14 14:53	04/23/14 12:55	1
Hexachloroethane	ND		4.9	0.47	ug/L		04/21/14 14:53	04/23/14 12:55	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.18	ug/L		04/21/14 14:53	04/23/14 12:55	1
Isophorone	ND		4.9	0.15	ug/L		04/21/14 14:53	04/23/14 12:55	1
Naphthalene	ND		4.9	0.079	ug/L		04/21/14 14:53	04/23/14 12:55	1
Nitrobenzene	ND		4.9	0.11	ug/L		04/21/14 14:53	04/23/14 12:55	1
N-Nitrosodimethylamine	ND		9.8	0.94	ug/L		04/21/14 14:53	04/23/14 12:55	1
N-Nitrosodi-n-propylamine	ND		4.9	0.23	ug/L		04/21/14 14:53	04/23/14 12:55	1
N-Nitrosodiphenylamine	ND		4.9	0.39	ug/L		04/21/14 14:53	04/23/14 12:55	1
n-Octadecane	ND		9.8	0.69	ug/L		04/21/14 14:53	04/23/14 12:55	1
Pentachlorophenol	ND		9.8	0.41	ug/L		04/21/14 14:53	04/23/14 12:55	1
Phenanthrene	ND		4.9	0.070	ug/L		04/21/14 14:53	04/23/14 12:55	1

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

TestAmerica Job ID: 480-58093-1

Client Sample ID: BCC BSA SUMP
Date Collected: 04/16/14 11:30
Date Received: 04/16/14 16:10

Lab Sample ID: 480-58093-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		4.9	0.12	ug/L		04/21/14 14:53	04/23/14 12:55	1
Pyrene	ND	*	4.9	0.040	ug/L		04/21/14 14:53	04/23/14 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*121*		*52 - 151*	*04/21/14 14:53*	*04/23/14 12:55*	*1*
2-Fluorobiphenyl	*100*		*44 - 120*	*04/21/14 14:53*	*04/23/14 12:55*	*1*
2-Fluorophenol	*59*		*17 - 120*	*04/21/14 14:53*	*04/23/14 12:55*	*1*
Nitrobenzene-d5	*94*		*42 - 120*	*04/21/14 14:53*	*04/23/14 12:55*	*1*
Phenol-d5	*40*		*10 - 120*	*04/21/14 14:53*	*04/23/14 12:55*	*1*
p-Terphenyl-d14	*115*		*22 - 125*	*04/21/14 14:53*	*04/23/14 12:55*	*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		04/22/14 06:05	04/22/14 17:50	1
PCB-1221	ND		0.058	0.037	ug/L		04/22/14 06:05	04/22/14 17:50	1
PCB-1232	ND		0.058	0.037	ug/L		04/22/14 06:05	04/22/14 17:50	1
PCB-1242	ND		0.058	0.037	ug/L		04/22/14 06:05	04/22/14 17:50	1
PCB-1248	ND		0.058	0.037	ug/L		04/22/14 06:05	04/22/14 17:50	1
PCB-1254	ND		0.058	0.030	ug/L		04/22/14 06:05	04/22/14 17:50	1
PCB-1260	ND		0.058	0.030	ug/L		04/22/14 06:05	04/22/14 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*35*		*10 - 158*	*04/22/14 06:05*	*04/22/14 17:50*	*1*
Tetrachloro-m-xylene	*114*		*25 - 151*	*04/22/14 06:05*	*04/22/14 17:50*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0041**		0.0040	0.0010	mg/L		04/17/14 13:50	04/18/14 16:57	1
Copper	**0.0062**	**J**	0.010	0.0016	mg/L		04/17/14 13:50	04/18/14 16:57	1
Lead	**0.0042**	**J**	0.0050	0.0030	mg/L		04/17/14 13:50	04/18/14 16:57	1
Nickel	**0.0045**	**J**	0.010	0.0013	mg/L		04/17/14 13:50	04/18/14 16:57	1
Zinc	**0.011**		0.010	0.0015	mg/L		04/17/14 13:50	04/18/14 16:57	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		04/22/14 10:55	04/22/14 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.0066**	**J**	0.010	0.0050	mg/L		04/21/14 08:09	04/22/14 09:38	1
Cyanide, Amenable	ND		0.010	0.0050	mg/L			04/25/14 16:30	1
Phosphorus	**0.24**		0.010	0.0050	mg/L as P			04/24/14 11:14	1
Biochemical Oxygen Demand	**6.0**	*** b**	2.0	2.0	mg/L			04/17/14 05:32	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**10.8**		4.0	4.0	mg/L			04/16/14 21:05	1
pH	**8.35**	**HF**	0.100	0.100	SU			04/17/14 23:27	1

Surrogate Summary

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

TestAmerica Job ID: 480-58093-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-58093-1	BCC BSA SUMP	93	92	101
LCS 480-176486/5	Lab Control Sample	96	95	100
MB 480-176486/7	Method Blank	90	93	100

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-58093-1	BCC BSA SUMP	121	100	59	94	40	115
LCS 480-177252/2-A	Lab Control Sample	108	97	53	88	40	114
LCSD 480-177252/3-A	Lab Control Sample Dup	109	99	54	92	40	123
MB 480-177252/1-A	Method Blank	106	102	61	102	39	114

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)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-158)	(25-151)
480-58093-1	BCC BSA SUMP	35	114
LCS 480-177339/2-A	Lab Control Sample	57	112
LCSD 480-177339/3-A	Lab Control Sample Dup	63	110
MB 480-177339/1-A	Method Blank	67	112

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

TestAmerica Job ID: 480-58093-1

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

Lab Sample ID: MB 480-176486/7
Matrix: Water
Analysis Batch: 176486

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			04/17/14 14:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/17/14 14:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/17/14 14:46	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/17/14 14:46	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/17/14 14:46	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/17/14 14:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/17/14 14:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/17/14 14:46	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/17/14 14:46	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/17/14 14:46	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/17/14 14:46	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/17/14 14:46	1
Acrolein	ND		100	17	ug/L			04/17/14 14:46	1
Acrylonitrile	ND		50	1.9	ug/L			04/17/14 14:46	1
Benzene	ND		5.0	0.60	ug/L			04/17/14 14:46	1
Bromoform	ND		5.0	0.47	ug/L			04/17/14 14:46	1
Bromomethane	ND		5.0	1.2	ug/L			04/17/14 14:46	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/17/14 14:46	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/17/14 14:46	1
Dibromochloromethane	ND		5.0	0.41	ug/L			04/17/14 14:46	1
Chloroethane	ND		5.0	0.87	ug/L			04/17/14 14:46	1
Chloroform	ND		5.0	0.54	ug/L			04/17/14 14:46	1
Chloromethane	ND		5.0	0.64	ug/L			04/17/14 14:46	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/17/14 14:46	1
Bromodichloromethane	ND		5.0	0.54	ug/L			04/17/14 14:46	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/17/14 14:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/17/14 14:46	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/17/14 14:46	1
Toluene	ND		5.0	0.45	ug/L			04/17/14 14:46	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/17/14 14:46	1
Trichloroethene	ND		5.0	0.60	ug/L			04/17/14 14:46	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			04/17/14 14:46	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/17/14 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*72 - 130*		*04/17/14 14:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*69 - 121*		*04/17/14 14:46*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*04/17/14 14:46*	*1*

Lab Sample ID: LCS 480-176486/5
Matrix: Water
Analysis Batch: 176486

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	18.4		ug/L		92	52 - 162
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/L		108	46 - 157
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	52 - 150
1,1-Dichloroethane	20.0	20.1		ug/L		100	59 - 155

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

Lab Sample ID: LCS 480-176486/5
Matrix: Water
Analysis Batch: 176486

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	20.0		ug/L		100	1 - 234
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	18 - 190
1,2-Dichloroethane	20.0	19.8		ug/L		99	49 - 155
1,2-Dichloropropane	20.0	20.5		ug/L		103	1 - 210
1,3-Dichlorobenzene	20.0	20.5		ug/L		102	59 - 156
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	18 - 190
2-Chloroethyl vinyl ether	20.0	22.4	J	ug/L		112	1 - 305
Benzene	20.0	20.1		ug/L		100	37 - 151
Bromoform	20.0	18.1		ug/L		91	45 - 169
Bromomethane	20.0	21.4		ug/L		107	1 - 242
Carbon tetrachloride	20.0	18.5		ug/L		93	70 - 140
Chlorobenzene	20.0	21.0		ug/L		105	37 - 160
Dibromochloromethane	19.6	19.2		ug/L		98	53 - 149
Chloroethane	20.0	19.6		ug/L		98	14 - 230
Chloroform	20.0	20.0		ug/L		100	51 - 138
Chloromethane	20.0	16.0		ug/L		80	1 - 273
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	1 - 227
Bromodichloromethane	20.0	19.1		ug/L		96	35 - 155
Ethylbenzene	20.0	20.9		ug/L		104	37 - 162
Methylene Chloride	20.0	18.7		ug/L		93	1 - 221
Tetrachloroethene	20.0	20.0		ug/L		100	64 - 148
Toluene	20.0	19.6		ug/L		98	47 - 150
trans-1,3-Dichloropropene	20.0	21.7		ug/L		109	17 - 183
Trichloroethene	20.0	19.9		ug/L		100	71 - 157
Trichlorofluoromethane	20.0	19.8		ug/L		99	17 - 181
Vinyl chloride	20.0	17.5		ug/L		88	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*
Toluene-d8 (Surr)	*100*		*70 - 123*

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

Lab Sample ID: MB 480-177252/1-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		04/21/14 14:53	04/22/14 16:15	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		04/21/14 14:53	04/22/14 16:15	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		04/21/14 14:53	04/22/14 16:15	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		04/21/14 14:53	04/22/14 16:15	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		04/21/14 14:53	04/22/14 16:15	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.086	ug/L		04/21/14 14:53	04/22/14 16:15	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		04/21/14 14:53	04/22/14 16:15	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		04/21/14 14:53	04/22/14 16:15	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		04/21/14 14:53	04/22/14 16:15	1

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

TestAmerica Job ID: 480-58093-1

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

Lab Sample ID: MB 480-177252/1-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		04/21/14 14:53	04/22/14 16:15	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		04/21/14 14:53	04/22/14 16:15	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		04/21/14 14:53	04/22/14 16:15	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		04/21/14 14:53	04/22/14 16:15	1
2-Chlorophenol	ND		5.0	0.16	ug/L		04/21/14 14:53	04/22/14 16:15	1
2-Nitrophenol	ND		5.0	0.14	ug/L		04/21/14 14:53	04/22/14 16:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		04/21/14 14:53	04/22/14 16:15	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		04/21/14 14:53	04/22/14 16:15	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		04/21/14 14:53	04/22/14 16:15	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		04/21/14 14:53	04/22/14 16:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		04/21/14 14:53	04/22/14 16:15	1
4-Nitrophenol	ND		10	1.3	ug/L		04/21/14 14:53	04/22/14 16:15	1
Acenaphthene	ND		5.0	0.060	ug/L		04/21/14 14:53	04/22/14 16:15	1
Acenaphthylene	ND		5.0	0.034	ug/L		04/21/14 14:53	04/22/14 16:15	1
Aniline	ND		10	0.087	ug/L		04/21/14 14:53	04/22/14 16:15	1
Anthracene	ND		5.0	0.052	ug/L		04/21/14 14:53	04/22/14 16:15	1
Benzidine	ND		80	2.5	ug/L		04/21/14 14:53	04/22/14 16:15	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		04/21/14 14:53	04/22/14 16:15	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		04/21/14 14:53	04/22/14 16:15	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		04/21/14 14:53	04/22/14 16:15	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		04/21/14 14:53	04/22/14 16:15	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		04/21/14 14:53	04/22/14 16:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		04/21/14 14:53	04/22/14 16:15	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		04/21/14 14:53	04/22/14 16:15	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		04/21/14 14:53	04/22/14 16:15	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		04/21/14 14:53	04/22/14 16:15	1
Chrysene	ND		5.0	0.036	ug/L		04/21/14 14:53	04/22/14 16:15	1
Decane	ND		10	1.6	ug/L		04/21/14 14:53	04/22/14 16:15	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		04/21/14 14:53	04/22/14 16:15	1
Diethyl phthalate	ND		5.0	0.17	ug/L		04/21/14 14:53	04/22/14 16:15	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		04/21/14 14:53	04/22/14 16:15	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		04/21/14 14:53	04/22/14 16:15	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		04/21/14 14:53	04/22/14 16:15	1
Fluoranthene	ND		5.0	0.11	ug/L		04/21/14 14:53	04/22/14 16:15	1
Fluorene	ND		5.0	0.043	ug/L		04/21/14 14:53	04/22/14 16:15	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		04/21/14 14:53	04/22/14 16:15	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		04/21/14 14:53	04/22/14 16:15	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		04/21/14 14:53	04/22/14 16:15	1
Hexachloroethane	ND		5.0	0.48	ug/L		04/21/14 14:53	04/22/14 16:15	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		04/21/14 14:53	04/22/14 16:15	1
Isophorone	ND		5.0	0.16	ug/L		04/21/14 14:53	04/22/14 16:15	1
Naphthalene	ND		5.0	0.080	ug/L		04/21/14 14:53	04/22/14 16:15	1
Nitrobenzene	ND		5.0	0.11	ug/L		04/21/14 14:53	04/22/14 16:15	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		04/21/14 14:53	04/22/14 16:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		04/21/14 14:53	04/22/14 16:15	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		04/21/14 14:53	04/22/14 16:15	1
n-Octadecane	ND		10	0.70	ug/L		04/21/14 14:53	04/22/14 16:15	1
Pentachlorophenol	ND		10	0.41	ug/L		04/21/14 14:53	04/22/14 16:15	1

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

Lab Sample ID: MB 480-177252/1-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		5.0	0.071	ug/L		04/21/14 14:53	04/22/14 16:15	1
Phenol	ND		5.0	0.12	ug/L		04/21/14 14:53	04/22/14 16:15	1
Pyrene	ND		5.0	0.041	ug/L		04/21/14 14:53	04/22/14 16:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*106*		*52 - 151*	*04/21/14 14:53*	*04/22/14 16:15*	*1*
2-Fluorobiphenyl	*102*		*44 - 120*	*04/21/14 14:53*	*04/22/14 16:15*	*1*
2-Fluorophenol	*61*		*17 - 120*	*04/21/14 14:53*	*04/22/14 16:15*	*1*
Nitrobenzene-d5	*102*		*42 - 120*	*04/21/14 14:53*	*04/22/14 16:15*	*1*
Phenol-d5	*39*		*10 - 120*	*04/21/14 14:53*	*04/22/14 16:15*	*1*
p-Terphenyl-d14	*114*		*22 - 125*	*04/21/14 14:53*	*04/22/14 16:15*	*1*

Lab Sample ID: LCS 480-177252/2-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	83.0		ug/L		83	44 - 142
1,2-Dichlorobenzene	100	70.7		ug/L		71	32 - 129
1,3-Dichlorobenzene	100	65.5		ug/L		65	1 - 172
1,4-Dichlorobenzene	100	67.0		ug/L		67	20 - 124
2,2'-oxybis[1-chloropropane]	100	89.4		ug/L		89	36 - 166
2,4,6-Trichlorophenol	100	105		ug/L		105	37 - 144
2,4-Dichlorophenol	100	101		ug/L		101	39 - 135
2,4-Dimethylphenol	100	99.6		ug/L		100	32 - 119
2,4-Dinitrophenol	200	215		ug/L		107	1 - 191
2,4-Dinitrotoluene	100	114		ug/L		114	39 - 139
2,6-Dinitrotoluene	100	109		ug/L		109	50 - 158
2-Chloronaphthalene	100	99.9		ug/L		100	60 - 118
2-Chlorophenol	100	86.2		ug/L		86	23 - 134
2-Nitrophenol	100	97.3		ug/L		97	29 - 182
3,3'-Dichlorobenzidine	100	89.7		ug/L		90	1 - 262
4,6-Dinitro-2-methylphenol	200	276		ug/L		138	1 - 181
4-Bromophenyl phenyl ether	100	108		ug/L		108	53 - 127
4-Chloro-3-methylphenol	100	108		ug/L		108	22 - 147
4-Chlorophenyl phenyl ether	100	106		ug/L		106	25 - 158
4-Nitrophenol	200	110		ug/L		55	1 - 132
Acenaphthene	100	100		ug/L		100	47 - 145
Acenaphthylene	100	101		ug/L		101	33 - 145
Aniline	100	65.1		ug/L		65	40 - 120
Anthracene	100	107		ug/L		107	27 - 133
Benzo[a]anthracene	100	110		ug/L		110	33 - 143
Benzo[a]pyrene	100	114		ug/L		114	17 - 163
Benzo[b]fluoranthene	100	111		ug/L		111	24 - 159
Benzo[g,h,i]perylene	100	114		ug/L		114	1 - 219
Benzo[k]fluoranthene	100	117		ug/L		117	11 - 162
Bis(2-chloroethoxy)methane	100	98.6		ug/L		99	33 - 184
Bis(2-chloroethyl)ether	100	86.8		ug/L		87	12 - 158

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

Lab Sample ID: LCS 480-177252/2-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	100	118		ug/L		118	8 - 158
Butyl benzyl phthalate	100	114		ug/L		114	1 - 152
Chrysene	100	103		ug/L		103	17 - 168
Dibenz(a,h)anthracene	100	114		ug/L		114	1 - 227
Diethyl phthalate	100	114		ug/L		114	1 - 114
Dimethyl phthalate	100	107		ug/L		107	1 - 112
Di-n-butyl phthalate	100	110		ug/L		110	1 - 118
Di-n-octyl phthalate	100	118		ug/L		118	4 - 146
Fluoranthene	100	110		ug/L		110	26 - 137
Fluorene	100	105		ug/L		105	59 - 121
Hexachlorobenzene	100	108		ug/L		108	1 - 152
Hexachlorocyclopentadiene	100	74.9		ug/L		75	5 - 120
Hexachloroethane	100	63.9		ug/L		64	40 - 113
Indeno[1,2,3-cd]pyrene	100	103		ug/L		103	1 - 171
Isophorone	100	100		ug/L		100	21 - 196
Naphthalene	100	87.6		ug/L		88	21 - 133
Nitrobenzene	100	93.2		ug/L		93	35 - 180
N-Nitrosodi-n-propylamine	100	99.9		ug/L		100	1 - 230
N-Nitrosodiphenylamine	100	109		ug/L		109	54 - 125
Pentachlorophenol	200	227		ug/L		114	14 - 176
Phenanthrene	100	107		ug/L		107	54 - 120
Phenol	100	43.9		ug/L		44	5 - 112
Pyrene	100	110		ug/L		110	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*108*		*52 - 151*
2-Fluorobiphenyl	*97*		*44 - 120*
2-Fluorophenol	*53*		*17 - 120*
Nitrobenzene-d5	*88*		*42 - 120*
Phenol-d5	*40*		*10 - 120*
p-Terphenyl-d14	*114*		*22 - 125*

Lab Sample ID: LCSD 480-177252/3-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 177252

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	87.5		ug/L		88	44 - 142	5	34
1,2-Dichlorobenzene	100	73.4		ug/L		73	32 - 129	4	38
1,3-Dichlorobenzene	100	67.7		ug/L		68	1 - 172	3	37
1,4-Dichlorobenzene	100	69.8		ug/L		70	20 - 124	4	40
2,2'-oxybis[1-chloropropane]	100	92.8		ug/L		93	36 - 166	4	36
2,4,6-Trichlorophenol	100	107		ug/L		107	37 - 144	2	20
2,4-Dichlorophenol	100	104		ug/L		104	39 - 135	3	23
2,4-Dimethylphenol	100	102		ug/L		102	32 - 119	3	18
2,4-Dinitrophenol	200	221		ug/L		110	1 - 191	3	29
2,4-Dinitrotoluene	100	114		ug/L		114	39 - 139	0	20
2,6-Dinitrotoluene	100	114		ug/L		114	50 - 158	5	17

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

Lab Sample ID: LCSD 480-177252/3-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 177252

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene	100	102		ug/L		102	60 - 118	2	30
2-Chlorophenol	100	88.9		ug/L		89	23 - 134	3	26
2-Nitrophenol	100	102		ug/L		102	29 - 182	4	28
3,3'-Dichlorobenzidine	100	88.5		ug/L		88	1 - 262	1	31
4,6-Dinitro-2-methylphenol	200	290		ug/L		145	1 - 181	5	30
4-Bromophenyl phenyl ether	100	111		ug/L		111	53 - 127	3	16
4-Chloro-3-methylphenol	100	110		ug/L		110	22 - 147	1	16
4-Chlorophenyl phenyl ether	100	107		ug/L		107	25 - 158	1	15
4-Nitrophenol	200	114		ug/L		57	1 - 132	4	24
Acenaphthene	100	105		ug/L		105	47 - 145	5	25
Acenaphthylene	100	104		ug/L		104	33 - 145	3	22
Aniline	100	68.0		ug/L		68	40 - 120	4	30
Anthracene	100	110		ug/L		110	27 - 133	3	15
Benzo[a]anthracene	100	113		ug/L		113	33 - 143	3	15
Benzo[a]pyrene	100	116		ug/L		116	17 - 163	2	15
Benzo[b]fluoranthene	100	115		ug/L		115	24 - 159	3	17
Benzo[g,h,i]perylene	100	117		ug/L		117	1 - 219	3	19
Benzo[k]fluoranthene	100	116		ug/L		116	11 - 162	1	19
Bis(2-chloroethoxy)methane	100	103		ug/L		103	33 - 184	5	23
Bis(2-chloroethyl)ether	100	90.7		ug/L		91	12 - 158	4	33
Bis(2-ethylhexyl) phthalate	100	123		ug/L		123	8 - 158	4	15
Butyl benzyl phthalate	100	121		ug/L		121	1 - 152	6	15
Chrysene	100	106		ug/L		106	17 - 168	3	15
Dibenz(a,h)anthracene	100	120		ug/L		120	1 - 227	4	18
Diethyl phthalate	100	116	*	ug/L		116	1 - 114	2	15
Dimethyl phthalate	100	110		ug/L		110	1 - 112	2	15
Di-n-butyl phthalate	100	114		ug/L		114	1 - 118	3	15
Di-n-octyl phthalate	100	120		ug/L		120	4 - 146	2	15
Fluoranthene	100	113		ug/L		113	26 - 137	3	15
Fluorene	100	107		ug/L		107	59 - 121	2	18
Hexachlorobenzene	100	111		ug/L		111	1 - 152	3	15
Hexachlorocyclopentadiene	100	77.6		ug/L		78	5 - 120	4	50
Hexachloroethane	100	66.9		ug/L		67	40 - 113	5	43
Indeno[1,2,3-cd]pyrene	100	109		ug/L		109	1 - 171	6	17
Isophorone	100	106		ug/L		106	21 - 196	5	21
Naphthalene	100	91.1		ug/L		91	21 - 133	4	31
Nitrobenzene	100	97.2		ug/L		97	35 - 180	4	27
N-Nitrosodi-n-propylamine	100	103		ug/L		103	1 - 230	3	23
N-Nitrosodiphenylamine	100	113		ug/L		113	54 - 125	3	15
Pentachlorophenol	200	232		ug/L		116	14 - 176	2	21
Phenanthrene	100	110		ug/L		110	54 - 120	3	16
Phenol	100	44.7		ug/L		45	5 - 112	2	36
Pyrene	100	117	*	ug/L		117	52 - 115	6	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*109*		*52 - 151*
2-Fluorobiphenyl	*99*		*44 - 120*
2-Fluorophenol	*54*		*17 - 120*

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

Lab Sample ID: LCSD 480-177252/3-A
Matrix: Water
Analysis Batch: 177404

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 177252

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	92		42 - 120
Phenol-d5	40		10 - 120
p-Terphenyl-d14	123		22 - 125

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

Lab Sample ID: MB 480-177339/1-A
Matrix: Water
Analysis Batch: 177355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		04/22/14 06:05	04/22/14 15:43	1
PCB-1221	ND		0.060	0.038	ug/L		04/22/14 06:05	04/22/14 15:43	1
PCB-1232	ND		0.060	0.038	ug/L		04/22/14 06:05	04/22/14 15:43	1
PCB-1242	ND		0.060	0.038	ug/L		04/22/14 06:05	04/22/14 15:43	1
PCB-1248	ND		0.060	0.038	ug/L		04/22/14 06:05	04/22/14 15:43	1
PCB-1254	ND		0.060	0.031	ug/L		04/22/14 06:05	04/22/14 15:43	1
PCB-1260	ND		0.060	0.031	ug/L		04/22/14 06:05	04/22/14 15:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		10 - 158	04/22/14 06:05	04/22/14 15:43	1
Tetrachloro-m-xylene	112		25 - 151	04/22/14 06:05	04/22/14 15:43	1

Lab Sample ID: LCS 480-177339/2-A
Matrix: Water
Analysis Batch: 177355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.947		ug/L		95	40 - 142
PCB-1260	1.00	0.942		ug/L		94	34 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	57		10 - 158
Tetrachloro-m-xylene	112		25 - 151

Lab Sample ID: LCSD 480-177339/3-A
Matrix: Water
Analysis Batch: 177355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 177339

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	1.00	0.933		ug/L		93	40 - 142	1	30
PCB-1260	1.00	0.944		ug/L		94	34 - 150	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	63		10 - 158
Tetrachloro-m-xylene	110		25 - 151

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

TestAmerica Job ID: 480-58093-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-176481/1-A
Matrix: Water
Analysis Batch: 177514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 176481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		04/17/14 13:50	04/18/14 15:51	1
Copper	ND		0.010	0.0016	mg/L		04/17/14 13:50	04/18/14 15:51	1
Lead	ND		0.0050	0.0030	mg/L		04/17/14 13:50	04/18/14 15:51	1
Nickel	ND		0.010	0.0013	mg/L		04/17/14 13:50	04/18/14 15:51	1
Zinc	ND		0.010	0.0015	mg/L		04/17/14 13:50	04/18/14 15:51	1

Lab Sample ID: LCS 480-176481/2-A
Matrix: Water
Analysis Batch: 177514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 176481

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	0.179		mg/L		90	85 - 115
Lead	0.200	0.195		mg/L		98	85 - 115
Nickel	0.200	0.191		mg/L		96	85 - 115
Zinc	0.200	0.199		mg/L		99	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-177413/1-A
Matrix: Water
Analysis Batch: 177664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177413

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/22/14 10:55	04/22/14 14:13	1

Lab Sample ID: LCS 480-177413/2-A
Matrix: Water
Analysis Batch: 177664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177413

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00667		mg/L		100	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-177237/1-A
Matrix: Water
Analysis Batch: 177520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		04/21/14 08:09	04/22/14 08:43	1

Lab Sample ID: LCS 480-177237/2-A
Matrix: Water
Analysis Batch: 177520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177237

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: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: 480-58093-1 MS — **Client Sample ID: BCC BSA SUMP**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 177520 — **Prep Batch: 177237**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.0066	J	0.100	0.105		mg/L		98	90 - 110

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

Lab Sample ID: MB 480-176301/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 176301

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/16/14 20:08	1

Lab Sample ID: LCS 480-176301/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 176301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	225	206.0		mg/L		92	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-176640/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 176640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.970		SU		100	99 - 101

Lab Sample ID: 480-58093-1 DU — **Client Sample ID: BCC BSA SUMP**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 176640

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.35	HF	8.380		SU		0.4	5

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-178040/51 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 178040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			04/24/14 11:14	1

Method: SM 4500 P E - Phosphorus (Continued)

Lab Sample ID: MB 480-178040/75
Matrix: Water
Analysis Batch: 178040

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			04/24/14 11:14	1

Lab Sample ID: LCS 480-178040/52
Matrix: Water
Analysis Batch: 178040

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	0.183		mg/L as P		92	90 - 110

Lab Sample ID: LCS 480-178040/76
Matrix: Water
Analysis Batch: 178040

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 480-176531/1
Matrix: Water
Analysis Batch: 176531

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			04/17/14 05:32	1

Lab Sample ID: LCS 480-176531/2
Matrix: Water
Analysis Batch: 176531

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	241.3	*	mg/L		122	85 - 115

GC/MS VOA

Analysis Batch: 176486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	624	
LCS 480-176486/5	Lab Control Sample	Total/NA	Water	624	
MB 480-176486/7	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 177252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	625	
LCS 480-177252/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-177252/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-177252/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 177404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-177252/2-A	Lab Control Sample	Total/NA	Water	625	177252
LCSD 480-177252/3-A	Lab Control Sample Dup	Total/NA	Water	625	177252
MB 480-177252/1-A	Method Blank	Total/NA	Water	625	177252

Analysis Batch: 177697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	625	177252

GC Semi VOA

Prep Batch: 177339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	3510C	
LCS 480-177339/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-177339/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-177339/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 177355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	608	177339
LCS 480-177339/2-A	Lab Control Sample	Total/NA	Water	608	177339
LCSD 480-177339/3-A	Lab Control Sample Dup	Total/NA	Water	608	177339
MB 480-177339/1-A	Method Blank	Total/NA	Water	608	177339

Metals

Prep Batch: 176481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	200.7	
LCS 480-176481/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-176481/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 177413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	245.1	

Metals (Continued)

Prep Batch: 177413 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-177413/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-177413/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 177514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	176481
LCS 480-176481/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	176481
MB 480-176481/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	176481

Analysis Batch: 177664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	245.1	177413
LCS 480-177413/2-A	Lab Control Sample	Total/NA	Water	245.1	177413
MB 480-177413/1-A	Method Blank	Total/NA	Water	245.1	177413

General Chemistry

Analysis Batch: 176301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
LCS 480-176301/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-176301/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 176531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
LCS 480-176531/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-176531/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 176640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
480-58093-1 DU	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-176640/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 177237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	Distill/Phenol	
480-58093-1 MS	BCC BSA SUMP	Total/NA	Water	Distill/Phenol	
LCS 480-177237/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-177237/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 177520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	420.4	177237
480-58093-1 MS	BCC BSA SUMP	Total/NA	Water	420.4	177237
LCS 480-177237/2-A	Lab Control Sample	Total/NA	Water	420.4	177237
MB 480-177237/1-A	Method Blank	Total/NA	Water	420.4	177237

General Chemistry (Continued)

Analysis Batch: 178040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
LCS 480-178040/52	Lab Control Sample	Total/NA	Water	SM 4500 P E	
LCS 480-178040/76	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-178040/51	Method Blank	Total/NA	Water	SM 4500 P E	
MB 480-178040/75	Method Blank	Total/NA	Water	SM 4500 P E	

Analysis Batch: 178353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-58093-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

TestAmerica Job ID: 480-58093-1

Client Sample ID: BCC BSA SUMP
Date Collected: 04/16/14 11:30
Date Received: 04/16/14 16:10

Lab Sample ID: 480-58093-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	176486	04/17/14 20:22	TRB	TAL BUF
Total/NA	Prep	625			177252	04/21/14 14:53	JRL	TAL BUF
Total/NA	Analysis	625		1	177697	04/23/14 12:55	ANM	TAL BUF
Total/NA	Prep	3510C			177339	04/22/14 06:05	MCZ	TAL BUF
Total/NA	Analysis	608		1	177355	04/22/14 17:50	JMM	TAL BUF
Total/NA	Prep	200.7			176481	04/17/14 13:50	EHD	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	177514	04/18/14 16:57	AMH	TAL BUF
Total/NA	Prep	245.1			177413	04/22/14 10:55	LRK	TAL BUF
Total/NA	Analysis	245.1		1	177664	04/22/14 15:06	LRK	TAL BUF
Total/NA	Prep	Distill/Phenol			177237	04/21/14 08:09	RP	TAL BUF
Total/NA	Analysis	420.4		1	177520	04/22/14 09:38	NCH	TAL BUF
Total/NA	Analysis	SM 2540D		1	176301	04/16/14 21:05	KS	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	178353	04/25/14 16:30	NCH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	176640	04/17/14 23:27	KS	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	178040	04/24/14 11:14	KMF	TAL BUF
Total/NA	Analysis	SM 5210B		1	176531	04/17/14 05:32	JTS	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-58093-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but 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- Monthly BSA SUMP

TestAmerica Job ID: 480-58093-1

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
420.4	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- Monthly BSA SUMP

TestAmerica Job ID: 480-58093-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-58093-1	BCC BSA SUMP	Water	04/16/14 11:30	04/16/14 16:10

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
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TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 4-16-14	COC No: 263454.041614
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W)			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week			
Site: Buffalo Color - NY7A9728	[ ] 2 days			
PO# 52954	[ ] 1 day			

Flow Rates (GPM)
EW-1: 7.54
EW-2: 0.72
EW-3A: 5.03
EW-4: 1.19
EW-5: 2.04

Composite Percent (%)
DC-1: 62
DC-2: 38

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

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7, 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH
BCC_BSA_Sump_	4/16/14	1130	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						
Container Volume (ml)							250	250	250	40	1000	1000	1000	500	250	125
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P

TRIP BLANK (1)
FROZE & BROKE

480-58093 Chain of Custody

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	4/16/14 1610		TA BUFF	4/16/14 1610
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#2 4.0

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-58093-1

Login Number: 58093

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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

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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: 480-59412-1
Client Project/Site: 37745-Buffalo Color- Monthly BSA SUMP
Sampling Event: Buffalo Color - Monthly Sump

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

Attn: Andrew Madden

Authorized for release by:
5/14/2014 5:46:51 PM

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Definitions/Glossary

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

TestAmerica Job ID: 480-59412-1

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.
*	LCS or LCSD exceeds the control limits

Metals

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

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

Case Narrative

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

TestAmerica Job ID: 480-59412-1

Job ID: 480-59412-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-59412-1

Comments
No additional comments.

Receipt
The samples were received on 5/7/2014 3:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7º C.

GC/MS VOA
Method(s) 624: The following sample was composited by the laboratory on 5/8/14 as requested on the chain-of-custody: BCC BSA SUMP 050514 (480-59412-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 625: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 181067 recovered outside control limits for the following analyte: n-Decane. This analyte is not a 625 method analyte; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

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(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP 050514 (480-59412-1).

No other analytical or quality issues were noted.

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

Detection Summary

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

TestAmerica Job ID: 480-59412-1

Client Sample ID: BCC BSA SUMP 050514 — Lab Sample ID: 480-59412-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.61	J	5.0	0.60	ug/L	1		624	Total/NA
Chlorobenzene	1.4	J	5.0	0.48	ug/L	1		624	Total/NA
Acenaphthene	0.66	J	4.8	0.058	ug/L	1		625	Total/NA
Aniline	9.0	J	9.6	0.084	ug/L	1		625	Total/NA
Naphthalene	3.2	J	4.8	0.077	ug/L	1		625	Total/NA
Phenanthrene	0.38	J	4.8	0.068	ug/L	1		625	Total/NA
Chromium	0.0029	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0087	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0019	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0079	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phosphorus	0.17		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	13.2		2.0	2.0	mg/L	1		SM 5210B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.60	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-59412-2

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

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

TestAmerica Job ID: 480-59412-1

Client Sample ID: BCC BSA SUMP 050514
Date Collected: 05/07/14 14:00
Date Received: 05/07/14 15:40

Lab Sample ID: 480-59412-1
Matrix: Water

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			05/08/14 19:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/08/14 19:59	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/08/14 19:59	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/08/14 19:59	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/08/14 19:59	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/08/14 19:59	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/08/14 19:59	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/08/14 19:59	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/08/14 19:59	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/08/14 19:59	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/08/14 19:59	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/08/14 19:59	1
Acrolein	ND		100	17	ug/L			05/08/14 19:59	1
Acrylonitrile	ND		50	1.9	ug/L			05/08/14 19:59	1
Benzene	**0.61**	**J**	5.0	0.60	ug/L			05/08/14 19:59	1
Bromoform	ND		5.0	0.47	ug/L			05/08/14 19:59	1
Bromomethane	ND		5.0	1.2	ug/L			05/08/14 19:59	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/08/14 19:59	1
Chlorobenzene	**1.4**	**J**	5.0	0.48	ug/L			05/08/14 19:59	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/08/14 19:59	1
Chloroethane	ND		5.0	0.87	ug/L			05/08/14 19:59	1
Chloroform	ND		5.0	0.54	ug/L			05/08/14 19:59	1
Chloromethane	ND		5.0	0.64	ug/L			05/08/14 19:59	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/08/14 19:59	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/08/14 19:59	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/08/14 19:59	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/08/14 19:59	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/08/14 19:59	1
Toluene	ND		5.0	0.45	ug/L			05/08/14 19:59	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/08/14 19:59	1
Trichloroethene	ND		5.0	0.60	ug/L			05/08/14 19:59	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/08/14 19:59	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/08/14 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*05/08/14 19:59*	*1*
4-Bromofluorobenzene (Surr)	*106*		*69 - 121*		*05/08/14 19:59*	*1*
Toluene-d8 (Surr)	*90*		*70 - 123*		*05/08/14 19:59*	*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	0.47	ug/L		05/09/14 06:44	05/10/14 04:52	1
1,2-Dichlorobenzene	ND		9.6	0.14	ug/L		05/09/14 06:44	05/10/14 04:52	1
1,2-Diphenylhydrazine	ND		9.6	0.060	ug/L		05/09/14 06:44	05/10/14 04:52	1
1,3-Dichlorobenzene	ND		9.6	0.066	ug/L		05/09/14 06:44	05/10/14 04:52	1
1,4-Dichlorobenzene	ND		9.6	0.086	ug/L		05/09/14 06:44	05/10/14 04:52	1
2,2'-oxybis[1-chloropropane]	ND		4.8	0.082	ug/L		05/09/14 06:44	05/10/14 04:52	1
2,4,6-Trichlorophenol	ND		4.8	0.22	ug/L		05/09/14 06:44	05/10/14 04:52	1
2,4-Dichlorophenol	ND		4.8	0.29	ug/L		05/09/14 06:44	05/10/14 04:52	1
2,4-Dimethylphenol	ND		4.8	0.13	ug/L		05/09/14 06:44	05/10/14 04:52	1

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

TestAmerica Job ID: 480-59412-1

Client Sample ID: BCC BSA SUMP 050514
Date Collected: 05/07/14 14:00
Date Received: 05/07/14 15:40

Lab Sample ID: 480-59412-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.6	0.81	ug/L		05/09/14 06:44	05/10/14 04:52	1
2,4-Dinitrotoluene	ND		4.8	0.25	ug/L		05/09/14 06:44	05/10/14 04:52	1
2,6-Dinitrotoluene	ND		4.8	0.69	ug/L		05/09/14 06:44	05/10/14 04:52	1
2-Chloronaphthalene	ND		4.8	0.065	ug/L		05/09/14 06:44	05/10/14 04:52	1
2-Chlorophenol	ND		4.8	0.15	ug/L		05/09/14 06:44	05/10/14 04:52	1
2-Nitrophenol	ND		4.8	0.14	ug/L		05/09/14 06:44	05/10/14 04:52	1
3,3'-Dichlorobenzidine	ND		4.8	0.79	ug/L		05/09/14 06:44	05/10/14 04:52	1
4,6-Dinitro-2-methylphenol	ND		9.6	0.73	ug/L		05/09/14 06:44	05/10/14 04:52	1
4-Bromophenyl phenyl ether	ND		4.8	0.11	ug/L		05/09/14 06:44	05/10/14 04:52	1
4-Chloro-3-methylphenol	ND		4.8	0.53	ug/L		05/09/14 06:44	05/10/14 04:52	1
4-Chlorophenyl phenyl ether	ND		4.8	0.20	ug/L		05/09/14 06:44	05/10/14 04:52	1
4-Nitrophenol	ND		9.6	1.3	ug/L		05/09/14 06:44	05/10/14 04:52	1
Acenaphthene	**0.66**	**J**	4.8	0.058	ug/L		05/09/14 06:44	05/10/14 04:52	1
Acenaphthylene	ND		4.8	0.033	ug/L		05/09/14 06:44	05/10/14 04:52	1
Aniline	**9.0**	**J**	9.6	0.084	ug/L		05/09/14 06:44	05/10/14 04:52	1
Anthracene	ND		4.8	0.050	ug/L		05/09/14 06:44	05/10/14 04:52	1
Benzidine	ND		77	2.4	ug/L		05/09/14 06:44	05/10/14 04:52	1
Benzo[a]anthracene	ND		4.8	0.041	ug/L		05/09/14 06:44	05/10/14 04:52	1
Benzo[a]pyrene	ND		4.8	0.056	ug/L		05/09/14 06:44	05/10/14 04:52	1
Benzo[b]fluoranthene	ND		4.8	0.059	ug/L		05/09/14 06:44	05/10/14 04:52	1
Benzo[g,h,i]perylene	ND		4.8	0.096	ug/L		05/09/14 06:44	05/10/14 04:52	1
Benzo[k]fluoranthene	ND		4.8	0.040	ug/L		05/09/14 06:44	05/10/14 04:52	1
Bis(2-chloroethoxy)methane	ND		4.8	0.081	ug/L		05/09/14 06:44	05/10/14 04:52	1
Bis(2-chloroethyl)ether	ND		4.8	1.1	ug/L		05/09/14 06:44	05/10/14 04:52	1
Bis(2-ethylhexyl) phthalate	ND		9.6	0.83	ug/L		05/09/14 06:44	05/10/14 04:52	1
Butyl benzyl phthalate	ND		4.8	1.2	ug/L		05/09/14 06:44	05/10/14 04:52	1
Chrysene	ND		4.8	0.034	ug/L		05/09/14 06:44	05/10/14 04:52	1
Decane	ND	*	9.6	1.5	ug/L		05/09/14 06:44	05/10/14 04:52	1
Dibenz(a,h)anthracene	ND		4.8	0.053	ug/L		05/09/14 06:44	05/10/14 04:52	1
Diethyl phthalate	ND		4.8	0.17	ug/L		05/09/14 06:44	05/10/14 04:52	1
Dimethyl phthalate	ND		4.8	0.16	ug/L		05/09/14 06:44	05/10/14 04:52	1
Di-n-butyl phthalate	ND		4.8	0.90	ug/L		05/09/14 06:44	05/10/14 04:52	1
Di-n-octyl phthalate	ND		4.8	4.3	ug/L		05/09/14 06:44	05/10/14 04:52	1
Fluoranthene	ND		4.8	0.10	ug/L		05/09/14 06:44	05/10/14 04:52	1
Fluorene	ND		4.8	0.041	ug/L		05/09/14 06:44	05/10/14 04:52	1
Hexachlorobenzene	ND		4.8	0.26	ug/L		05/09/14 06:44	05/10/14 04:52	1
Hexachlorobutadiene	ND		4.8	0.59	ug/L		05/09/14 06:44	05/10/14 04:52	1
Hexachlorocyclopentadiene	ND		4.8	0.43	ug/L		05/09/14 06:44	05/10/14 04:52	1
Hexachloroethane	ND		4.8	0.46	ug/L		05/09/14 06:44	05/10/14 04:52	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.18	ug/L		05/09/14 06:44	05/10/14 04:52	1
Isophorone	ND		4.8	0.15	ug/L		05/09/14 06:44	05/10/14 04:52	1
Naphthalene	**3.2**	**J**	4.8	0.077	ug/L		05/09/14 06:44	05/10/14 04:52	1
Nitrobenzene	ND		4.8	0.11	ug/L		05/09/14 06:44	05/10/14 04:52	1
N-Nitrosodimethylamine	ND		9.6	0.92	ug/L		05/09/14 06:44	05/10/14 04:52	1
N-Nitrosodi-n-propylamine	ND		4.8	0.22	ug/L		05/09/14 06:44	05/10/14 04:52	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		05/09/14 06:44	05/10/14 04:52	1
n-Octadecane	ND		9.6	0.67	ug/L		05/09/14 06:44	05/10/14 04:52	1
Pentachlorophenol	ND		9.6	0.40	ug/L		05/09/14 06:44	05/10/14 04:52	1
Phenanthrene	**0.38**	**J**	4.8	0.068	ug/L		05/09/14 06:44	05/10/14 04:52	1

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

TestAmerica Job ID: 480-59412-1

Client Sample ID: BCC BSA SUMP 050514
Date Collected: 05/07/14 14:00
Date Received: 05/07/14 15:40

Lab Sample ID: 480-59412-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		4.8	0.12	ug/L		05/09/14 06:44	05/10/14 04:52	1
Pyrene	ND		4.8	0.039	ug/L		05/09/14 06:44	05/10/14 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*100*		*52 - 151*	*05/09/14 06:44*	*05/10/14 04:52*	*1*
2-Fluorobiphenyl	*85*		*44 - 120*	*05/09/14 06:44*	*05/10/14 04:52*	*1*
2-Fluorophenol	*41*		*17 - 120*	*05/09/14 06:44*	*05/10/14 04:52*	*1*
Nitrobenzene-d5	*78*		*42 - 120*	*05/09/14 06:44*	*05/10/14 04:52*	*1*
Phenol-d5	*30*		*10 - 120*	*05/09/14 06:44*	*05/10/14 04:52*	*1*
p-Terphenyl-d14	*109*		*22 - 125*	*05/09/14 06:44*	*05/10/14 04:52*	*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		05/09/14 06:54	05/12/14 15:07	1
PCB-1221	ND		0.058	0.037	ug/L		05/09/14 06:54	05/12/14 15:07	1
PCB-1232	ND		0.058	0.037	ug/L		05/09/14 06:54	05/12/14 15:07	1
PCB-1242	ND		0.058	0.037	ug/L		05/09/14 06:54	05/12/14 15:07	1
PCB-1248	ND		0.058	0.037	ug/L		05/09/14 06:54	05/12/14 15:07	1
PCB-1254	ND		0.058	0.030	ug/L		05/09/14 06:54	05/12/14 15:07	1
PCB-1260	ND		0.058	0.030	ug/L		05/09/14 06:54	05/12/14 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*10 - 158*	*05/09/14 06:54*	*05/12/14 15:07*	*1*
Tetrachloro-m-xylene	*84*		*25 - 151*	*05/09/14 06:54*	*05/12/14 15:07*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0029**	**J**	0.0040	0.0010	mg/L		05/09/14 09:40	05/12/14 11:47	1
Copper	**0.0087**	**J**	0.010	0.0016	mg/L		05/09/14 09:40	05/12/14 11:47	1
Lead	ND		0.0050	0.0030	mg/L		05/09/14 09:40	05/12/14 11:47	1
Nickel	**0.0019**	**J**	0.010	0.0013	mg/L		05/09/14 09:40	05/12/14 11:47	1
Zinc	**0.0079**	**J**	0.010	0.0015	mg/L		05/09/14 09:40	05/12/14 11:47	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		05/12/14 08:35	05/12/14 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		05/08/14 15:00	05/13/14 09:38	1
Cyanide, Amenable	ND		0.010	0.0050	mg/L			05/14/14 13:12	1
Phosphorus	**0.17**		0.010	0.0050	mg/L as P			05/08/14 11:23	1
Biochemical Oxygen Demand	**13.2**		2.0	2.0	mg/L			05/08/14 05:32	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/09/14 19:12	1
pH	**8.60**	**HF**	0.100	0.100	SU			05/08/14 01:58	1

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

TestAmerica Job ID: 480-59412-1

Client Sample ID: TRIP BLANK
Date Collected: 05/07/14 00:00
Date Received: 05/07/14 15:40

Lab Sample ID: 480-59412-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			05/08/14 20:24	1
Acrylonitrile	ND		100	1.9	ug/L			05/08/14 20:24	1
Benzene	ND		5.0	0.60	ug/L			05/08/14 20:24	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/08/14 20:24	1
Bromoform	ND		5.0	0.47	ug/L			05/08/14 20:24	1
Bromomethane	ND		5.0	1.2	ug/L			05/08/14 20:24	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/08/14 20:24	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/08/14 20:24	1
Chloroethane	ND		5.0	0.87	ug/L			05/08/14 20:24	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/08/14 20:24	1
Chloroform	ND		5.0	0.54	ug/L			05/08/14 20:24	1
Chloromethane	ND		5.0	0.64	ug/L			05/08/14 20:24	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/08/14 20:24	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/08/14 20:24	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/08/14 20:24	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/08/14 20:24	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/08/14 20:24	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/08/14 20:24	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/08/14 20:24	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/08/14 20:24	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/08/14 20:24	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/08/14 20:24	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/08/14 20:24	1
Toluene	ND		5.0	0.45	ug/L			05/08/14 20:24	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/08/14 20:24	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/08/14 20:24	1
Trichloroethene	ND		5.0	0.60	ug/L			05/08/14 20:24	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/08/14 20:24	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/08/14 20:24	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/08/14 20:24	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/08/14 20:24	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/08/14 20:24	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/08/14 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*05/08/14 20:24*	*1*
4-Bromofluorobenzene (Surr)	*104*		*69 - 121*		*05/08/14 20:24*	*1*
Toluene-d8 (Surr)	*88*		*70 - 123*		*05/08/14 20:24*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-59412-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-59412-1	BCC BSA SUMP 050514	107	106	90
480-59412-2	TRIP BLANK	107	104	88
LCS 480-180944/5	Lab Control Sample	103	102	89
MB 480-180944/6	Method Blank	104	103	89

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-59412-1	BCC BSA SUMP 050514	100	85	41	78	30	109
LCS 480-181067/2-A	Lab Control Sample	100	89	49	83	36	114
MB 480-181067/1-A	Method Blank	84	89	47	87	33	118

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)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-158)	(25-151)
480-59412-1	BCC BSA SUMP 050514	47	84
LCS 480-181068/2-A	Lab Control Sample	53	94
MB 480-181068/1-A	Method Blank	54	87

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

TestAmerica Job ID: 480-59412-1

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

Lab Sample ID: MB 480-180944/6
Matrix: Water
Analysis Batch: 180944

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			05/08/14 14:04	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/08/14 14:04	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/08/14 14:04	1
Acrolein	ND		100	17	ug/L			05/08/14 14:04	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/08/14 14:04	1
Acrylonitrile	ND		50	1.9	ug/L			05/08/14 14:04	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/08/14 14:04	1
Benzene	ND		5.0	0.60	ug/L			05/08/14 14:04	1
Bromoform	ND		5.0	0.47	ug/L			05/08/14 14:04	1
Bromomethane	ND		5.0	1.2	ug/L			05/08/14 14:04	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/08/14 14:04	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/08/14 14:04	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/08/14 14:04	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/08/14 14:04	1
Chloroethane	ND		5.0	0.87	ug/L			05/08/14 14:04	1
Chloroform	ND		5.0	0.54	ug/L			05/08/14 14:04	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/08/14 14:04	1
Chloromethane	ND		5.0	0.64	ug/L			05/08/14 14:04	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/08/14 14:04	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/08/14 14:04	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/08/14 14:04	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/08/14 14:04	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/08/14 14:04	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/08/14 14:04	1
Toluene	ND		5.0	0.45	ug/L			05/08/14 14:04	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/08/14 14:04	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/08/14 14:04	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/08/14 14:04	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/08/14 14:04	1
Trichloroethene	ND		5.0	0.60	ug/L			05/08/14 14:04	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/08/14 14:04	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/08/14 14:04	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/08/14 14:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*		*05/08/14 14:04*	*1*
4-Bromofluorobenzene (Surr)	*103*		*69 - 121*		*05/08/14 14:04*	*1*
Toluene-d8 (Surr)	*89*		*70 - 123*		*05/08/14 14:04*	*1*

Lab Sample ID: LCS 480-180944/5
Matrix: Water
Analysis Batch: 180944

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	22.4	J	ug/L		112	1 - 305
1,1-Dichloroethane	20.0	24.4		ug/L		122	59 - 155
1,2-Dichloroethane	20.0	23.4		ug/L		117	49 - 155
1,1-Dichloroethene	20.0	23.9		ug/L		119	1 - 234

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

Lab Sample ID: LCS 480-180944/5
Matrix: Water
Analysis Batch: 180944

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	23.6		ug/L		118	1 - 210
Benzene	20.0	24.5		ug/L		122	37 - 151
Bromoform	20.0	17.1		ug/L		85	45 - 169
Bromomethane	20.0	26.2		ug/L		131	1 - 242
Carbon tetrachloride	20.0	24.1		ug/L		120	70 - 140
Chlorobenzene	20.0	18.9		ug/L		95	37 - 160
1,1,2,2-Tetrachloroethane	20.0	17.6		ug/L		88	46 - 157
Dibromochloromethane	20.0	18.4		ug/L		92	53 - 149
Chloroethane	20.0	24.4		ug/L		122	14 - 230
Chloroform	20.0	24.6		ug/L		123	51 - 138
1,1,1-Trichloroethane	20.0	24.7		ug/L		123	52 - 162
Chloromethane	20.0	25.9		ug/L		130	1 - 273
1,1,2-Trichloroethane	20.0	18.5		ug/L		92	52 - 150
cis-1,3-Dichloropropene	20.0	23.1		ug/L		115	1 - 227
Bromodichloromethane	20.0	23.0		ug/L		115	35 - 155
Ethylbenzene	20.0	19.2		ug/L		96	37 - 162
Methylene Chloride	20.0	24.4		ug/L		122	1 - 221
Tetrachloroethene	20.0	19.4		ug/L		97	64 - 148
Toluene	20.0	19.1		ug/L		95	47 - 150
1,2-Dichlorobenzene	20.0	17.6		ug/L		88	18 - 190
trans-1,3-Dichloropropene	20.0	19.1		ug/L		96	17 - 183
1,3-Dichlorobenzene	20.0	17.6		ug/L		88	59 - 156
Trichloroethene	20.0	24.3		ug/L		122	71 - 157
1,4-Dichlorobenzene	20.0	17.5		ug/L		88	18 - 190
Trichlorofluoromethane	20.0	27.8		ug/L		139	17 - 181
Vinyl chloride	20.0	24.8		ug/L		124	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
4-Bromofluorobenzene (Surr)	*102*		*69 - 121*
Toluene-d8 (Surr)	*89*		*70 - 123*

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

Lab Sample ID: MB 480-181067/1-A
Matrix: Water
Analysis Batch: 181172

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181067

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		05/09/14 06:44	05/09/14 21:01	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		05/09/14 06:44	05/09/14 21:01	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		05/09/14 06:44	05/09/14 21:01	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		05/09/14 06:44	05/09/14 21:01	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		05/09/14 06:44	05/09/14 21:01	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.086	ug/L		05/09/14 06:44	05/09/14 21:01	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		05/09/14 06:44	05/09/14 21:01	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		05/09/14 06:44	05/09/14 21:01	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		05/09/14 06:44	05/09/14 21:01	1

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

TestAmerica Job ID: 480-59412-1

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

Lab Sample ID: MB 480-181067/1-A
Matrix: Water
Analysis Batch: 181172

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181067

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		05/09/14 06:44	05/09/14 21:01	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		05/09/14 06:44	05/09/14 21:01	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		05/09/14 06:44	05/09/14 21:01	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		05/09/14 06:44	05/09/14 21:01	1
2-Chlorophenol	ND		5.0	0.16	ug/L		05/09/14 06:44	05/09/14 21:01	1
2-Nitrophenol	ND		5.0	0.14	ug/L		05/09/14 06:44	05/09/14 21:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		05/09/14 06:44	05/09/14 21:01	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		05/09/14 06:44	05/09/14 21:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		05/09/14 06:44	05/09/14 21:01	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		05/09/14 06:44	05/09/14 21:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		05/09/14 06:44	05/09/14 21:01	1
4-Nitrophenol	ND		10	1.3	ug/L		05/09/14 06:44	05/09/14 21:01	1
Acenaphthene	ND		5.0	0.060	ug/L		05/09/14 06:44	05/09/14 21:01	1
Acenaphthylene	ND		5.0	0.034	ug/L		05/09/14 06:44	05/09/14 21:01	1
Aniline	ND		10	0.087	ug/L		05/09/14 06:44	05/09/14 21:01	1
Anthracene	ND		5.0	0.052	ug/L		05/09/14 06:44	05/09/14 21:01	1
Benzidine	ND		80	2.5	ug/L		05/09/14 06:44	05/09/14 21:01	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		05/09/14 06:44	05/09/14 21:01	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		05/09/14 06:44	05/09/14 21:01	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		05/09/14 06:44	05/09/14 21:01	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		05/09/14 06:44	05/09/14 21:01	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		05/09/14 06:44	05/09/14 21:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		05/09/14 06:44	05/09/14 21:01	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		05/09/14 06:44	05/09/14 21:01	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		05/09/14 06:44	05/09/14 21:01	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		05/09/14 06:44	05/09/14 21:01	1
Chrysene	ND		5.0	0.036	ug/L		05/09/14 06:44	05/09/14 21:01	1
Decane	ND		10	1.6	ug/L		05/09/14 06:44	05/09/14 21:01	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		05/09/14 06:44	05/09/14 21:01	1
Diethyl phthalate	ND		5.0	0.17	ug/L		05/09/14 06:44	05/09/14 21:01	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		05/09/14 06:44	05/09/14 21:01	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		05/09/14 06:44	05/09/14 21:01	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		05/09/14 06:44	05/09/14 21:01	1
Fluoranthene	ND		5.0	0.11	ug/L		05/09/14 06:44	05/09/14 21:01	1
Fluorene	ND		5.0	0.043	ug/L		05/09/14 06:44	05/09/14 21:01	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		05/09/14 06:44	05/09/14 21:01	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		05/09/14 06:44	05/09/14 21:01	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		05/09/14 06:44	05/09/14 21:01	1
Hexachloroethane	ND		5.0	0.48	ug/L		05/09/14 06:44	05/09/14 21:01	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		05/09/14 06:44	05/09/14 21:01	1
Isophorone	ND		5.0	0.16	ug/L		05/09/14 06:44	05/09/14 21:01	1
Naphthalene	ND		5.0	0.080	ug/L		05/09/14 06:44	05/09/14 21:01	1
Nitrobenzene	ND		5.0	0.11	ug/L		05/09/14 06:44	05/09/14 21:01	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		05/09/14 06:44	05/09/14 21:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		05/09/14 06:44	05/09/14 21:01	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		05/09/14 06:44	05/09/14 21:01	1
n-Octadecane	ND		10	0.70	ug/L		05/09/14 06:44	05/09/14 21:01	1
Pentachlorophenol	ND		10	0.41	ug/L		05/09/14 06:44	05/09/14 21:01	1

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

Lab Sample ID: MB 480-181067/1-A
Matrix: Water
Analysis Batch: 181172

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181067

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		5.0	0.071	ug/L		05/09/14 06:44	05/09/14 21:01	1
Phenol	ND		5.0	0.12	ug/L		05/09/14 06:44	05/09/14 21:01	1
Pyrene	ND		5.0	0.041	ug/L		05/09/14 06:44	05/09/14 21:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*84*		*52 - 151*	*05/09/14 06:44*	*05/09/14 21:01*	*1*
2-Fluorobiphenyl	*89*		*44 - 120*	*05/09/14 06:44*	*05/09/14 21:01*	*1*
2-Fluorophenol	*47*		*17 - 120*	*05/09/14 06:44*	*05/09/14 21:01*	*1*
Nitrobenzene-d5	*87*		*42 - 120*	*05/09/14 06:44*	*05/09/14 21:01*	*1*
Phenol-d5	*33*		*10 - 120*	*05/09/14 06:44*	*05/09/14 21:01*	*1*
p-Terphenyl-d14	*118*		*22 - 125*	*05/09/14 06:44*	*05/09/14 21:01*	*1*

Lab Sample ID: LCS 480-181067/2-A
Matrix: Water
Analysis Batch: 181172

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181067

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	33.7		ug/L		67	44 - 142
1,2-Dichlorobenzene	50.0	30.1		ug/L		60	32 - 129
1,3-Dichlorobenzene	50.0	27.1		ug/L		54	1 - 172
1,4-Dichlorobenzene	50.0	28.4		ug/L		57	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	41.7		ug/L		83	36 - 166
2,4,6-Trichlorophenol	50.0	52.1		ug/L		104	37 - 144
2,4-Dichlorophenol	50.0	46.0		ug/L		92	39 - 135
2,4-Dimethylphenol	50.0	47.1		ug/L		94	32 - 119
2,4-Dinitrophenol	100	79.3		ug/L		79	1 - 191
2,4-Dinitrotoluene	50.0	51.5		ug/L		103	39 - 139
2,6-Dinitrotoluene	50.0	50.9		ug/L		102	50 - 158
2-Chloronaphthalene	50.0	46.4		ug/L		93	60 - 118
2-Chlorophenol	50.0	40.3		ug/L		81	23 - 134
2-Nitrophenol	50.0	45.5		ug/L		91	29 - 182
3,3'-Dichlorobenzidine	100	76.6		ug/L		77	1 - 262
4,6-Dinitro-2-methylphenol	100	96.2		ug/L		96	1 - 181
4-Bromophenyl phenyl ether	50.0	51.8		ug/L		104	53 - 127
4-Chloro-3-methylphenol	50.0	49.8		ug/L		100	22 - 147
4-Chlorophenyl phenyl ether	50.0	52.5		ug/L		105	25 - 158
4-Nitrophenol	100	50.7		ug/L		51	1 - 132
Acenaphthene	50.0	48.0		ug/L		96	47 - 145
Acenaphthylene	50.0	49.8		ug/L		100	33 - 145
Aniline	50.0	20.9		ug/L		42	40 - 120
Anthracene	50.0	53.7		ug/L		107	27 - 133
Benzo[a]anthracene	50.0	54.7		ug/L		109	33 - 143
Benzo[a]pyrene	50.0	54.9		ug/L		110	17 - 163
Benzo[b]fluoranthene	50.0	56.7		ug/L		113	24 - 159
Benzo[g,h,i]perylene	50.0	50.9		ug/L		102	1 - 219
Benzo[k]fluoranthene	50.0	49.9		ug/L		100	11 - 162
Bis(2-chloroethoxy)methane	50.0	46.0		ug/L		92	33 - 184
Bis(2-chloroethyl)ether	50.0	41.9		ug/L		84	12 - 158

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

Lab Sample ID: LCS 480-181067/2-A
Matrix: Water
Analysis Batch: 181172

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181067

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	50.0	51.0		ug/L		102	8 - 158
Butyl benzyl phthalate	50.0	55.3		ug/L		111	1 - 152
Chrysene	50.0	53.5		ug/L		107	17 - 168
Dibenz(a,h)anthracene	50.0	52.5		ug/L		105	1 - 227
Diethyl phthalate	50.0	53.7		ug/L		107	1 - 114
Dimethyl phthalate	50.0	48.9		ug/L		98	1 - 112
Di-n-butyl phthalate	50.0	56.3		ug/L		113	1 - 118
Di-n-octyl phthalate	50.0	52.4		ug/L		105	4 - 146
Fluoranthene	50.0	56.0		ug/L		112	26 - 137
Fluorene	50.0	50.5		ug/L		101	59 - 121
Hexachlorobenzene	50.0	52.7		ug/L		105	1 - 152
Hexachlorocyclopentadiene	50.0	38.2		ug/L		76	5 - 120
Hexachloroethane	50.0	26.8		ug/L		54	40 - 113
Indeno[1,2,3-cd]pyrene	50.0	50.0		ug/L		100	1 - 171
Isophorone	50.0	51.7		ug/L		103	21 - 196
Naphthalene	50.0	39.6		ug/L		79	21 - 133
Nitrobenzene	50.0	44.3		ug/L		89	35 - 180
N-Nitrosodi-n-propylamine	50.0	44.7		ug/L		89	1 - 230
N-Nitrosodiphenylamine	100	88.1		ug/L		88	54 - 125
Pentachlorophenol	100	114		ug/L		114	14 - 176
Phenanthrene	50.0	52.7		ug/L		105	54 - 120
Phenol	50.0	19.5		ug/L		39	5 - 112
Pyrene	50.0	52.0		ug/L		104	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 151*
2-Fluorobiphenyl	*89*		*44 - 120*
2-Fluorophenol	*49*		*17 - 120*
Nitrobenzene-d5	*83*		*42 - 120*
Phenol-d5	*36*		*10 - 120*
p-Terphenyl-d14	*114*		*22 - 125*

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

Lab Sample ID: MB 480-181068/1-A
Matrix: Water
Analysis Batch: 181440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		05/09/14 06:54	05/12/14 09:49	1
PCB-1221	ND		0.060	0.038	ug/L		05/09/14 06:54	05/12/14 09:49	1
PCB-1232	ND		0.060	0.038	ug/L		05/09/14 06:54	05/12/14 09:49	1
PCB-1242	ND		0.060	0.038	ug/L		05/09/14 06:54	05/12/14 09:49	1
PCB-1248	ND		0.060	0.038	ug/L		05/09/14 06:54	05/12/14 09:49	1
PCB-1254	ND		0.060	0.031	ug/L		05/09/14 06:54	05/12/14 09:49	1
PCB-1260	ND		0.060	0.031	ug/L		05/09/14 06:54	05/12/14 09:49	1

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

Lab Sample ID: MB 480-181068/1-A
Matrix: Water
Analysis Batch: 181440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181068

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		10 - 158	05/09/14 06:54	05/12/14 09:49	1
Tetrachloro-m-xylene	87		25 - 151	05/09/14 06:54	05/12/14 09:49	1

Lab Sample ID: LCS 480-181068/2-A
Matrix: Water
Analysis Batch: 181440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.923		ug/L		92	40 - 142
PCB-1260	1.00	1.08		ug/L		108	34 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	53		10 - 158
Tetrachloro-m-xylene	94		25 - 151

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-181092/1-A
Matrix: Water
Analysis Batch: 181556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181092

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		05/09/14 09:40	05/12/14 10:43	1
Copper	ND		0.010	0.0016	mg/L		05/09/14 09:40	05/12/14 10:43	1
Lead	ND		0.0050	0.0030	mg/L		05/09/14 09:40	05/12/14 10:43	1
Nickel	ND		0.010	0.0013	mg/L		05/09/14 09:40	05/12/14 10:43	1
Zinc	ND		0.010	0.0015	mg/L		05/09/14 09:40	05/12/14 10:43	1

Lab Sample ID: LCS 480-181092/2-A
Matrix: Water
Analysis Batch: 181556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181092

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.205		mg/L		103	85 - 115
Copper	0.200	0.209		mg/L		104	85 - 115
Lead	0.200	0.201		mg/L		100	85 - 115
Nickel	0.200	0.197		mg/L		99	85 - 115
Zinc	0.200	0.199		mg/L		100	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-181210/1-A
Matrix: Water
Analysis Batch: 181531

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/12/14 08:35	05/12/14 13:08	1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-181210/2-A
Matrix: Water
Analysis Batch: 181531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00673		mg/L		101	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-181049/1-A
Matrix: Water
Analysis Batch: 181733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181049

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		05/08/14 15:00	05/13/14 08:50	1

Lab Sample ID: LCS 480-181049/2-A
Matrix: Water
Analysis Batch: 181733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181049

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.0944		mg/L		94	90 - 110

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

Lab Sample ID: MB 480-181255/1
Matrix: Water
Analysis Batch: 181255

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		4.0	4.0	mg/L			05/09/14 19:01	1

Lab Sample ID: LCS 480-181255/2
Matrix: Water
Analysis Batch: 181255

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	281	275.6		mg/L		98	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-180781/23
Matrix: Water
Analysis Batch: 180781

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

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

TestAmerica Job ID: 480-59412-1

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-180964/51
Matrix: Water
Analysis Batch: 180964

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			05/08/14 11:23	1

Lab Sample ID: LCS 480-180964/52
Matrix: Water
Analysis Batch: 180964

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

Lab Sample ID: 480-59412-1 MS
Matrix: Water
Analysis Batch: 180964

Client Sample ID: BCC BSA SUMP 050514
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.17		0.500	0.690		mg/L as P		104	52 - 148

Lab Sample ID: 480-59412-1 MSD
Matrix: Water
Analysis Batch: 180964

Client Sample ID: BCC BSA SUMP 050514
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phosphorus	0.17		0.500	0.664		mg/L as P		98	52 - 148	4	20

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-180997/1
Matrix: Water
Analysis Batch: 180997

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			05/08/14 05:32	1

Lab Sample ID: LCS 480-180997/2
Matrix: Water
Analysis Batch: 180997

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	183.3		mg/L		93	85 - 115

GC/MS VOA

Analysis Batch: 180944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	624	
480-59412-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-180944/5	Lab Control Sample	Total/NA	Water	624	
MB 480-180944/6	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 181067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	625	
LCS 480-181067/2-A	Lab Control Sample	Total/NA	Water	625	
MB 480-181067/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 181172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	625	181067
LCS 480-181067/2-A	Lab Control Sample	Total/NA	Water	625	181067
MB 480-181067/1-A	Method Blank	Total/NA	Water	625	181067

GC Semi VOA

Prep Batch: 181068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	3510C	
LCS 480-181068/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-181068/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 181440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	608	181068
LCS 480-181068/2-A	Lab Control Sample	Total/NA	Water	608	181068
MB 480-181068/1-A	Method Blank	Total/NA	Water	608	181068

Metals

Prep Batch: 181092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	200.7	
LCS 480-181092/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-181092/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 181210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	245.1	
LCS 480-181210/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-181210/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 181531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	245.1	181210

Metals (Continued)

Analysis Batch: 181531 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-181210/2-A	Lab Control Sample	Total/NA	Water	245.1	181210
MB 480-181210/1-A	Method Blank	Total/NA	Water	245.1	181210

Analysis Batch: 181556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	200.7 Rev 4.4	181092
LCS 480-181092/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	181092
MB 480-181092/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	181092

General Chemistry

Analysis Batch: 180781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	SM 4500 H+ B	
LCS 480-180781/23	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 180964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	SM 4500 P E	
480-59412-1 MS	BCC BSA SUMP 050514	Total/NA	Water	SM 4500 P E	
480-59412-1 MSD	BCC BSA SUMP 050514	Total/NA	Water	SM 4500 P E	
LCS 480-180964/52	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-180964/51	Method Blank	Total/NA	Water	SM 4500 P E	

Analysis Batch: 180997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	SM 5210B	
LCS 480-180997/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-180997/1	Method Blank	Total/NA	Water	SM 5210B	

Prep Batch: 181049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	Distill/Phenol	
LCS 480-181049/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-181049/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 181255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	SM 2540D	
LCS 480-181255/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-181255/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 181733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	420.4	181049
LCS 480-181049/2-A	Lab Control Sample	Total/NA	Water	420.4	181049
MB 480-181049/1-A	Method Blank	Total/NA	Water	420.4	181049

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

TestAmerica Job ID: 480-59412-1

General Chemistry (Continued)

Analysis Batch: 182036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59412-1	BCC BSA SUMP 050514	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

TestAmerica Job ID: 480-59412-1

Client Sample ID: BCC BSA SUMP 050514

Lab Sample ID: 480-59412-1

Date Collected: 05/07/14 14:00

Matrix: Water

Date Received: 05/07/14 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	180944	05/08/14 19:59	TRB	TAL BUF
Total/NA	Prep	625			181067	05/09/14 06:44	MCZ	TAL BUF
Total/NA	Analysis	625		1	181172	05/10/14 04:52	ANM	TAL BUF
Total/NA	Prep	3510C			181068	05/09/14 06:54	MRB	TAL BUF
Total/NA	Analysis	608		1	181440	05/12/14 15:07	JMM	TAL BUF
Total/NA	Prep	200.7			181092	05/09/14 09:40	EHD	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	181556	05/12/14 11:47	MTM2	TAL BUF
Total/NA	Prep	245.1			181210	05/12/14 08:35	LRK	TAL BUF
Total/NA	Analysis	245.1		1	181531	05/12/14 13:19	LRK	TAL BUF
Total/NA	Prep	Distill/Phenol			181049	05/08/14 15:00	CLT	TAL BUF
Total/NA	Analysis	420.4		1	181733	05/13/14 09:38	NCH	TAL BUF
Total/NA	Analysis	SM 2540D		1	181255	05/09/14 19:12	KS	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	182036	05/14/14 13:12	EGS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	180781	05/08/14 01:58	KS	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	180964	05/08/14 11:23	KMF	TAL BUF
Total/NA	Analysis	SM 5210B		1	180997	05/08/14 05:32	JTS	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-59412-2

Date Collected: 05/07/14 00:00

Matrix: Water

Date Received: 05/07/14 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	180944	05/08/14 20:24	TRB	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-59412-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but 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- Monthly BSA SUMP

TestAmerica Job ID: 480-59412-1

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
420.4	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- Monthly BSA SUMP

TestAmerica Job ID: 480-59412-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-59412-1	BCC BSA SUMP 050514	Water	05/07/14 14:00	05/07/14 15:40
480-59412-2	TRIP BLANK	Water	05/07/14 00:00	05/07/14 15:40

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

480-59412 Chain of Custody

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 5-7-2014	COC No: 263814.0507 14
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W)			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week			
Site: Buffalo Color - NY7A9728	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7 , 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH
BCC_BSA_Sump_050514	5/7/14	1400	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~~ 1						
Container Volume (ml)							250	250	250	40	1000	1000	1000	500	250	125
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P

Flow Rates (GPM)
EW-1: 7.54
EW-2: 0.72
EW-3A: 5.03
EW-4: 1.19
EW-5: 2.04

Composite Percent (%)
DC-1: 62
DC-2: 38

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 [X] Unknown

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	5/7/14 1540		TA BUFF	5/7/14 1540
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

2 3.7

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-59412-1

Login Number: 59412

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

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

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: 480-61517-1
Client Project/Site: 37745-Buffalo Color- Monthly BSA SUMP
Sampling Event: Buffalo Color - Monthly Sump

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

Attn: Andrew Madden

Authorized for release by:
6/24/2014 11:30:58 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Definitions/Glossary

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

TestAmerica Job ID: 480-61517-1

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.
*	LCS or LCSD exceeds the control limits

Metals

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

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- Monthly BSA SUMP

TestAmerica Job ID: 480-61517-1

Job ID: 480-61517-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-61517-1

Comments
No additional comments.

Receipt
The samples were received on 6/9/2014 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2º C.

GC/MS VOA
Method(s) 624: The following sample was composited by the laboratory on 06/17/14 as requested on the chain-of-custody: BCC BSA SUMP 060914 (480-61517-1).

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 and the laboratory control sample duplicate (LCS/LCSD) for batch 187377 recovered outside control limits for the following analyte: n-Decane. This analyte is not a 625 method analyte; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

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

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) 420.4: The results reported for the following sample(s) do not concur with results previously reported for this site: BCC BSA SUMP 060914 (480-61517-1). Reanalysis was performed, and the result(s) confirmed.

Method(s) SM 4500 P E: The results reported for the following sample(s) do not concur with results previously reported for this site: BCC BSA SUMP 060914 (480-61517-1). Reanalysis was performed, and the result(s) confirmed.

Method(s) 9040C, SM 4500 H+ B: The following sample(s) was received outside of holding time: BCC BSA SUMP 060914 (480-61517-1).

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- Monthly BSA SUMP

TestAmerica Job ID: 480-61517-1

Client Sample ID: BCC BSA SUMP 060914 — Lab Sample ID: 480-61517-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.4	J	5.0	0.44	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	0.51	J	5.0	0.51	ug/L	1		624	Total/NA
Chlorobenzene	0.85	J	5.0	0.48	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	1.3	J	9.7	0.14	ug/L	1		625	Total/NA
1,3-Dichlorobenzene	0.28	J	9.7	0.067	ug/L	1		625	Total/NA
1,4-Dichlorobenzene	0.49	J	9.7	0.087	ug/L	1		625	Total/NA
Aniline	20		9.7	0.085	ug/L	1		625	Total/NA
Chromium	0.0015	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0069	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0042	J	0.0050	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0029	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0058	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.035		0.010	0.0050	mg/L	1		420.4	Total/NA
Cyanide, Amenable	0.078		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Phosphorus	0.030		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	10		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	4.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.22	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-61517-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-61517-1

Client Sample ID: BCC BSA SUMP 060914
Date Collected: 06/09/14 14:00
Date Received: 06/09/14 16:10

Lab Sample ID: 480-61517-1
Matrix: Water

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			06/18/14 02:20	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/18/14 02:20	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/18/14 02:20	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/18/14 02:20	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/18/14 02:20	1
1,2-Dichlorobenzene	**1.4**	**J**	5.0	0.44	ug/L			06/18/14 02:20	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/18/14 02:20	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/18/14 02:20	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/18/14 02:20	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/18/14 02:20	1
1,4-Dichlorobenzene	**0.51**	**J**	5.0	0.51	ug/L			06/18/14 02:20	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/18/14 02:20	1
Acrolein	ND		100	17	ug/L			06/18/14 02:20	1
Acrylonitrile	ND		50	1.9	ug/L			06/18/14 02:20	1
Benzene	ND		5.0	0.60	ug/L			06/18/14 02:20	1
Bromoform	ND		5.0	0.47	ug/L			06/18/14 02:20	1
Bromomethane	ND		5.0	1.2	ug/L			06/18/14 02:20	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/18/14 02:20	1
Chlorobenzene	**0.85**	**J**	5.0	0.48	ug/L			06/18/14 02:20	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/18/14 02:20	1
Chloroethane	ND		5.0	0.87	ug/L			06/18/14 02:20	1
Chloroform	ND		5.0	0.54	ug/L			06/18/14 02:20	1
Chloromethane	ND		5.0	0.64	ug/L			06/18/14 02:20	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/18/14 02:20	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/18/14 02:20	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/18/14 02:20	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/18/14 02:20	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/18/14 02:20	1
Toluene	ND		5.0	0.45	ug/L			06/18/14 02:20	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/18/14 02:20	1
Trichloroethene	ND		5.0	0.60	ug/L			06/18/14 02:20	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/18/14 02:20	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/18/14 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*		*06/18/14 02:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*69 - 121*		*06/18/14 02:20*	*1*
Toluene-d8 (Surr)	*98*		*70 - 123*		*06/18/14 02:20*	*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	0.48	ug/L		06/12/14 14:44	06/16/14 15:52	1
1,2-Dichlorobenzene	**1.3**	**J**	9.7	0.14	ug/L		06/12/14 14:44	06/16/14 15:52	1
1,2-Diphenylhydrazine	ND		9.7	0.061	ug/L		06/12/14 14:44	06/16/14 15:52	1
1,3-Dichlorobenzene	**0.28**	**J**	9.7	0.067	ug/L		06/12/14 14:44	06/16/14 15:52	1
1,4-Dichlorobenzene	**0.49**	**J**	9.7	0.087	ug/L		06/12/14 14:44	06/16/14 15:52	1
2,2'-oxybis[1-chloropropane]	ND		4.9	0.084	ug/L		06/12/14 14:44	06/16/14 15:52	1
2,4,6-Trichlorophenol	ND		4.9	0.23	ug/L		06/12/14 14:44	06/16/14 15:52	1
2,4-Dichlorophenol	ND		4.9	0.29	ug/L		06/12/14 14:44	06/16/14 15:52	1
2,4-Dimethylphenol	ND		4.9	0.13	ug/L		06/12/14 14:44	06/16/14 15:52	1

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

TestAmerica Job ID: 480-61517-1

Client Sample ID: BCC BSA SUMP 060914
Date Collected: 06/09/14 14:00
Date Received: 06/09/14 16:10

Lab Sample ID: 480-61517-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.7	0.82	ug/L		06/12/14 14:44	06/16/14 15:52	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		06/12/14 14:44	06/16/14 15:52	1
2,6-Dinitrotoluene	ND		4.9	0.70	ug/L		06/12/14 14:44	06/16/14 15:52	1
2-Chloronaphthalene	ND		4.9	0.066	ug/L		06/12/14 14:44	06/16/14 15:52	1
2-Chlorophenol	ND		4.9	0.15	ug/L		06/12/14 14:44	06/16/14 15:52	1
2-Nitrophenol	ND		4.9	0.14	ug/L		06/12/14 14:44	06/16/14 15:52	1
3,3'-Dichlorobenzidine	ND		4.9	0.80	ug/L		06/12/14 14:44	06/16/14 15:52	1
4,6-Dinitro-2-methylphenol	ND		9.7	0.74	ug/L		06/12/14 14:44	06/16/14 15:52	1
4-Bromophenyl phenyl ether	ND		4.9	0.11	ug/L		06/12/14 14:44	06/16/14 15:52	1
4-Chloro-3-methylphenol	ND		4.9	0.54	ug/L		06/12/14 14:44	06/16/14 15:52	1
4-Chlorophenyl phenyl ether	ND		4.9	0.20	ug/L		06/12/14 14:44	06/16/14 15:52	1
4-Nitrophenol	ND		9.7	1.3	ug/L		06/12/14 14:44	06/16/14 15:52	1
Acenaphthene	ND		4.9	0.059	ug/L		06/12/14 14:44	06/16/14 15:52	1
Acenaphthylene	ND		4.9	0.033	ug/L		06/12/14 14:44	06/16/14 15:52	1
Aniline	**20**		9.7	0.085	ug/L		06/12/14 14:44	06/16/14 15:52	1
Anthracene	ND		4.9	0.051	ug/L		06/12/14 14:44	06/16/14 15:52	1
Benzidine	ND		78	2.5	ug/L		06/12/14 14:44	06/16/14 15:52	1
Benzo[a]anthracene	ND		4.9	0.042	ug/L		06/12/14 14:44	06/16/14 15:52	1
Benzo[a]pyrene	ND		4.9	0.056	ug/L		06/12/14 14:44	06/16/14 15:52	1
Benzo[b]fluoranthene	ND		4.9	0.060	ug/L		06/12/14 14:44	06/16/14 15:52	1
Benzo[g,h,i]perylene	ND		4.9	0.098	ug/L		06/12/14 14:44	06/16/14 15:52	1
Benzo[k]fluoranthene	ND		4.9	0.041	ug/L		06/12/14 14:44	06/16/14 15:52	1
Bis(2-chloroethoxy)methane	ND		4.9	0.083	ug/L		06/12/14 14:44	06/16/14 15:52	1
Bis(2-chloroethyl)ether	ND		4.9	1.1	ug/L		06/12/14 14:44	06/16/14 15:52	1
Bis(2-ethylhexyl) phthalate	ND		9.7	0.84	ug/L		06/12/14 14:44	06/16/14 15:52	1
Butyl benzyl phthalate	ND		4.9	1.3	ug/L		06/12/14 14:44	06/16/14 15:52	1
Chrysene	ND		4.9	0.035	ug/L		06/12/14 14:44	06/16/14 15:52	1
Decane	ND	*	9.7	1.6	ug/L		06/12/14 14:44	06/16/14 15:52	1
Dibenz(a,h)anthracene	ND		4.9	0.054	ug/L		06/12/14 14:44	06/16/14 15:52	1
Diethyl phthalate	ND		4.9	0.17	ug/L		06/12/14 14:44	06/16/14 15:52	1
Dimethyl phthalate	ND		4.9	0.16	ug/L		06/12/14 14:44	06/16/14 15:52	1
Di-n-butyl phthalate	ND		4.9	0.91	ug/L		06/12/14 14:44	06/16/14 15:52	1
Di-n-octyl phthalate	ND		4.9	4.3	ug/L		06/12/14 14:44	06/16/14 15:52	1
Fluoranthene	ND		4.9	0.11	ug/L		06/12/14 14:44	06/16/14 15:52	1
Fluorene	ND		4.9	0.042	ug/L		06/12/14 14:44	06/16/14 15:52	1
Hexachlorobenzene	ND		4.9	0.27	ug/L		06/12/14 14:44	06/16/14 15:52	1
Hexachlorobutadiene	ND		4.9	0.60	ug/L		06/12/14 14:44	06/16/14 15:52	1
Hexachlorocyclopentadiene	ND		4.9	0.44	ug/L		06/12/14 14:44	06/16/14 15:52	1
Hexachloroethane	ND		4.9	0.47	ug/L		06/12/14 14:44	06/16/14 15:52	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.18	ug/L		06/12/14 14:44	06/16/14 15:52	1
Isophorone	ND		4.9	0.15	ug/L		06/12/14 14:44	06/16/14 15:52	1
Naphthalene	ND		4.9	0.078	ug/L		06/12/14 14:44	06/16/14 15:52	1
Nitrobenzene	ND		4.9	0.11	ug/L		06/12/14 14:44	06/16/14 15:52	1
N-Nitrosodimethylamine	ND		9.7	0.94	ug/L		06/12/14 14:44	06/16/14 15:52	1
N-Nitrosodi-n-propylamine	ND		4.9	0.22	ug/L		06/12/14 14:44	06/16/14 15:52	1
N-Nitrosodiphenylamine	ND		4.9	0.39	ug/L		06/12/14 14:44	06/16/14 15:52	1
n-Octadecane	ND		9.7	0.68	ug/L		06/12/14 14:44	06/16/14 15:52	1
Pentachlorophenol	ND		9.7	0.40	ug/L		06/12/14 14:44	06/16/14 15:52	1
Phenanthrene	ND		4.9	0.069	ug/L		06/12/14 14:44	06/16/14 15:52	1

Client Sample ID: BCC BSA SUMP 060914
Date Collected: 06/09/14 14:00
Date Received: 06/09/14 16:10

Lab Sample ID: 480-61517-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		4.9	0.12	ug/L		06/12/14 14:44	06/16/14 15:52	1
Pyrene	ND		4.9	0.040	ug/L		06/12/14 14:44	06/16/14 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 151*	*06/12/14 14:44*	*06/16/14 15:52*	*1*
2-Fluorobiphenyl	*77*		*44 - 120*	*06/12/14 14:44*	*06/16/14 15:52*	*1*
2-Fluorophenol	*47*		*17 - 120*	*06/12/14 14:44*	*06/16/14 15:52*	*1*
Nitrobenzene-d5	*80*		*42 - 120*	*06/12/14 14:44*	*06/16/14 15:52*	*1*
Phenol-d5	*33*		*10 - 120*	*06/12/14 14:44*	*06/16/14 15:52*	*1*
p-Terphenyl-d14	*75*		*22 - 125*	*06/12/14 14:44*	*06/16/14 15:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.059	0.037	ug/L		06/11/14 06:43	06/13/14 09:21	1
PCB-1221	ND		0.059	0.037	ug/L		06/11/14 06:43	06/13/14 09:21	1
PCB-1232	ND		0.059	0.037	ug/L		06/11/14 06:43	06/13/14 09:21	1
PCB-1242	ND		0.059	0.037	ug/L		06/11/14 06:43	06/13/14 09:21	1
PCB-1248	ND		0.059	0.037	ug/L		06/11/14 06:43	06/13/14 09:21	1
PCB-1254	ND		0.059	0.030	ug/L		06/11/14 06:43	06/13/14 09:21	1
PCB-1260	ND		0.059	0.030	ug/L		06/11/14 06:43	06/13/14 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*10 - 158*	*06/11/14 06:43*	*06/13/14 09:21*	*1*
Tetrachloro-m-xylene	*99*		*25 - 151*	*06/11/14 06:43*	*06/13/14 09:21*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0015**	**J**	0.0040	0.0010	mg/L		06/10/14 10:30	06/11/14 22:01	1
Copper	**0.0069**	**J**	0.010	0.0016	mg/L		06/10/14 10:30	06/11/14 22:01	1
Lead	**0.0042**	**J**	0.0050	0.0030	mg/L		06/10/14 10:30	06/11/14 22:01	1
Nickel	**0.0029**	**J**	0.010	0.0013	mg/L		06/10/14 10:30	06/11/14 22:01	1
Zinc	**0.0058**	**J**	0.010	0.0015	mg/L		06/10/14 10:30	06/11/14 22:01	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		06/11/14 08:20	06/12/14 12:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.035**		0.010	0.0050	mg/L		06/16/14 12:31	06/17/14 01:09	1
Cyanide, Amenable	**0.078**		0.010	0.0050	mg/L			06/21/14 12:25	1
Phosphorus	**0.030**		0.010	0.0050	mg/L as P			06/11/14 11:34	1
Biochemical Oxygen Demand	**10**		2.0	2.0	mg/L			06/11/14 00:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**4.8**		4.0	4.0	mg/L			06/09/14 18:26	1
pH	**8.22**	**HF**	0.100	0.100	SU			06/09/14 22:28	1

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

TestAmerica Job ID: 480-61517-1

Client Sample ID: TRIP BLANK
Date Collected: 06/09/14 00:00
Date Received: 06/09/14 16:10

Lab Sample ID: 480-61517-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			06/18/14 02:44	1
Acrylonitrile	ND		100	1.9	ug/L			06/18/14 02:44	1
Benzene	ND		5.0	0.60	ug/L			06/18/14 02:44	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/18/14 02:44	1
Bromoform	ND		5.0	0.47	ug/L			06/18/14 02:44	1
Bromomethane	ND		5.0	1.2	ug/L			06/18/14 02:44	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/18/14 02:44	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/18/14 02:44	1
Chloroethane	ND		5.0	0.87	ug/L			06/18/14 02:44	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/18/14 02:44	1
Chloroform	ND		5.0	0.54	ug/L			06/18/14 02:44	1
Chloromethane	ND		5.0	0.64	ug/L			06/18/14 02:44	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/18/14 02:44	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/18/14 02:44	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/18/14 02:44	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/18/14 02:44	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/18/14 02:44	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/18/14 02:44	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/18/14 02:44	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/18/14 02:44	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/18/14 02:44	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/18/14 02:44	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/18/14 02:44	1
Toluene	ND		5.0	0.45	ug/L			06/18/14 02:44	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/18/14 02:44	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/18/14 02:44	1
Trichloroethene	ND		5.0	0.60	ug/L			06/18/14 02:44	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/18/14 02:44	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/18/14 02:44	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/18/14 02:44	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/18/14 02:44	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/18/14 02:44	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/18/14 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 130*		*06/18/14 02:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*69 - 121*		*06/18/14 02:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*06/18/14 02:44*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-61517-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-61517-1	BCC BSA SUMP 060914	100	96	98
480-61517-2	TRIP BLANK	102	97	99
LCS 480-188162/5	Lab Control Sample	96	97	98
MB 480-188162/7	Method Blank	101	97	98

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-61517-1	BCC BSA SUMP 060914	94	77	47	80	33	75
LCS 480-187377/2-A	Lab Control Sample	100	88	51	83	37	106
MB 480-187377/1-A	Method Blank	91	86	51	88	36	111

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)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-158)	(25-151)
480-61517-1	BCC BSA SUMP 060914	61	99
480-61517-1 MS	BCC BSA SUMP 060914	102	101
480-61517-1 MSD	BCC BSA SUMP 060914	102	102
LCS 480-186938/2-A	Lab Control Sample	107	108
MB 480-186938/1-A	Method Blank	119	104

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

TestAmerica Job ID: 480-61517-1

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

Lab Sample ID: MB 480-188162/7
Matrix: Water
Analysis Batch: 188162

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			06/17/14 13:19	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/17/14 13:19	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/17/14 13:19	1
Acrolein	ND		100	17	ug/L			06/17/14 13:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/17/14 13:19	1
Acrylonitrile	ND		50	1.9	ug/L			06/17/14 13:19	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/17/14 13:19	1
Benzene	ND		5.0	0.60	ug/L			06/17/14 13:19	1
Bromoform	ND		5.0	0.47	ug/L			06/17/14 13:19	1
Bromomethane	ND		5.0	1.2	ug/L			06/17/14 13:19	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/17/14 13:19	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/17/14 13:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/17/14 13:19	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/17/14 13:19	1
Chloroethane	ND		5.0	0.87	ug/L			06/17/14 13:19	1
Chloroform	ND		5.0	0.54	ug/L			06/17/14 13:19	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/17/14 13:19	1
Chloromethane	ND		5.0	0.64	ug/L			06/17/14 13:19	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/17/14 13:19	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/17/14 13:19	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/17/14 13:19	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/17/14 13:19	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/17/14 13:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/17/14 13:19	1
Toluene	ND		5.0	0.45	ug/L			06/17/14 13:19	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/17/14 13:19	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/17/14 13:19	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/17/14 13:19	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/17/14 13:19	1
Trichloroethene	ND		5.0	0.60	ug/L			06/17/14 13:19	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/17/14 13:19	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/17/14 13:19	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/17/14 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*06/17/14 13:19*	*1*
4-Bromofluorobenzene (Surr)	*97*		*69 - 121*		*06/17/14 13:19*	*1*
Toluene-d8 (Surr)	*98*		*70 - 123*		*06/17/14 13:19*	*1*

Lab Sample ID: LCS 480-188162/5
Matrix: Water
Analysis Batch: 188162

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	16.9	J	ug/L		84	1 - 305
1,1-Dichloroethane	20.0	19.5		ug/L		98	59 - 155
1,2-Dichloroethane	20.0	19.0		ug/L		95	49 - 155
1,1-Dichloroethene	20.0	20.2		ug/L		101	1 - 234

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

Lab Sample ID: LCS 480-188162/5
Matrix: Water
Analysis Batch: 188162

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	19.0		ug/L		95	1 - 210
Benzene	20.0	20.0		ug/L		100	37 - 151
Bromoform	20.0	16.5		ug/L		83	45 - 169
Bromomethane	20.0	24.9		ug/L		125	1 - 242
Carbon tetrachloride	20.0	21.9		ug/L		109	70 - 140
Chlorobenzene	20.0	20.1		ug/L		100	37 - 160
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/L		96	46 - 157
Dibromochloromethane	20.0	18.4		ug/L		92	53 - 149
Chloroethane	20.0	22.2		ug/L		111	14 - 230
Chloroform	20.0	19.7		ug/L		99	51 - 138
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	52 - 162
Chloromethane	20.0	20.1		ug/L		101	1 - 273
1,1,2-Trichloroethane	20.0	19.1		ug/L		96	52 - 150
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	1 - 227
Bromodichloromethane	20.0	19.2		ug/L		96	35 - 155
Ethylbenzene	20.0	20.6		ug/L		103	37 - 162
Methylene Chloride	20.0	17.3		ug/L		86	1 - 221
Tetrachloroethene	20.0	20.2		ug/L		101	64 - 148
Toluene	20.0	19.5		ug/L		98	47 - 150
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	18 - 190
trans-1,3-Dichloropropene	20.0	18.9		ug/L		95	17 - 183
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	59 - 156
Trichloroethene	20.0	19.7		ug/L		99	71 - 157
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	18 - 190
Trichlorofluoromethane	20.0	20.9		ug/L		105	17 - 181
Vinyl chloride	20.0	20.4		ug/L		102	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*
4-Bromofluorobenzene (Surr)	*97*		*69 - 121*
Toluene-d8 (Surr)	*98*		*70 - 123*

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

Lab Sample ID: MB 480-187377/1-A
Matrix: Water
Analysis Batch: 187931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		06/12/14 14:44	06/16/14 12:24	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		06/12/14 14:44	06/16/14 12:24	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		06/12/14 14:44	06/16/14 12:24	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		06/12/14 14:44	06/16/14 12:24	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		06/12/14 14:44	06/16/14 12:24	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.086	ug/L		06/12/14 14:44	06/16/14 12:24	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		06/12/14 14:44	06/16/14 12:24	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		06/12/14 14:44	06/16/14 12:24	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		06/12/14 14:44	06/16/14 12:24	1

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

Lab Sample ID: MB 480-187377/1-A
Matrix: Water
Analysis Batch: 187931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		06/12/14 14:44	06/16/14 12:24	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		06/12/14 14:44	06/16/14 12:24	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		06/12/14 14:44	06/16/14 12:24	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		06/12/14 14:44	06/16/14 12:24	1
2-Chlorophenol	ND		5.0	0.16	ug/L		06/12/14 14:44	06/16/14 12:24	1
2-Nitrophenol	ND		5.0	0.14	ug/L		06/12/14 14:44	06/16/14 12:24	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/12/14 14:44	06/16/14 12:24	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		06/12/14 14:44	06/16/14 12:24	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		06/12/14 14:44	06/16/14 12:24	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		06/12/14 14:44	06/16/14 12:24	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		06/12/14 14:44	06/16/14 12:24	1
4-Nitrophenol	ND		10	1.3	ug/L		06/12/14 14:44	06/16/14 12:24	1
Acenaphthene	ND		5.0	0.060	ug/L		06/12/14 14:44	06/16/14 12:24	1
Acenaphthylene	ND		5.0	0.034	ug/L		06/12/14 14:44	06/16/14 12:24	1
Aniline	ND		10	0.087	ug/L		06/12/14 14:44	06/16/14 12:24	1
Anthracene	ND		5.0	0.052	ug/L		06/12/14 14:44	06/16/14 12:24	1
Benzidine	ND		80	2.5	ug/L		06/12/14 14:44	06/16/14 12:24	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		06/12/14 14:44	06/16/14 12:24	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		06/12/14 14:44	06/16/14 12:24	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		06/12/14 14:44	06/16/14 12:24	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		06/12/14 14:44	06/16/14 12:24	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		06/12/14 14:44	06/16/14 12:24	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		06/12/14 14:44	06/16/14 12:24	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		06/12/14 14:44	06/16/14 12:24	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		06/12/14 14:44	06/16/14 12:24	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		06/12/14 14:44	06/16/14 12:24	1
Chrysene	ND		5.0	0.036	ug/L		06/12/14 14:44	06/16/14 12:24	1
Decane	ND		10	1.6	ug/L		06/12/14 14:44	06/16/14 12:24	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		06/12/14 14:44	06/16/14 12:24	1
Diethyl phthalate	ND		5.0	0.17	ug/L		06/12/14 14:44	06/16/14 12:24	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		06/12/14 14:44	06/16/14 12:24	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		06/12/14 14:44	06/16/14 12:24	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		06/12/14 14:44	06/16/14 12:24	1
Fluoranthene	ND		5.0	0.11	ug/L		06/12/14 14:44	06/16/14 12:24	1
Fluorene	ND		5.0	0.043	ug/L		06/12/14 14:44	06/16/14 12:24	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		06/12/14 14:44	06/16/14 12:24	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		06/12/14 14:44	06/16/14 12:24	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		06/12/14 14:44	06/16/14 12:24	1
Hexachloroethane	ND		5.0	0.48	ug/L		06/12/14 14:44	06/16/14 12:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		06/12/14 14:44	06/16/14 12:24	1
Isophorone	ND		5.0	0.16	ug/L		06/12/14 14:44	06/16/14 12:24	1
Naphthalene	ND		5.0	0.080	ug/L		06/12/14 14:44	06/16/14 12:24	1
Nitrobenzene	ND		5.0	0.11	ug/L		06/12/14 14:44	06/16/14 12:24	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		06/12/14 14:44	06/16/14 12:24	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		06/12/14 14:44	06/16/14 12:24	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		06/12/14 14:44	06/16/14 12:24	1
n-Octadecane	ND		10	0.70	ug/L		06/12/14 14:44	06/16/14 12:24	1
Pentachlorophenol	ND		10	0.41	ug/L		06/12/14 14:44	06/16/14 12:24	1

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

Lab Sample ID: MB 480-187377/1-A
Matrix: Water
Analysis Batch: 187931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		5.0	0.071	ug/L		06/12/14 14:44	06/16/14 12:24	1
Phenol	ND		5.0	0.12	ug/L		06/12/14 14:44	06/16/14 12:24	1
Pyrene	ND		5.0	0.041	ug/L		06/12/14 14:44	06/16/14 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*52 - 151*	*06/12/14 14:44*	*06/16/14 12:24*	*1*
2-Fluorobiphenyl	*86*		*44 - 120*	*06/12/14 14:44*	*06/16/14 12:24*	*1*
2-Fluorophenol	*51*		*17 - 120*	*06/12/14 14:44*	*06/16/14 12:24*	*1*
Nitrobenzene-d5	*88*		*42 - 120*	*06/12/14 14:44*	*06/16/14 12:24*	*1*
Phenol-d5	*36*		*10 - 120*	*06/12/14 14:44*	*06/16/14 12:24*	*1*
p-Terphenyl-d14	*111*		*22 - 125*	*06/12/14 14:44*	*06/16/14 12:24*	*1*

Lab Sample ID: LCS 480-187377/2-A
Matrix: Water
Analysis Batch: 187931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	39.1		ug/L		78	44 - 142
1,2-Dichlorobenzene	50.0	37.7		ug/L		75	32 - 129
1,3-Dichlorobenzene	50.0	35.1		ug/L		70	1 - 172
1,4-Dichlorobenzene	50.0	35.9		ug/L		72	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	46.8		ug/L		94	36 - 166
2,4,6-Trichlorophenol	50.0	49.3		ug/L		99	37 - 144
2,4-Dichlorophenol	50.0	45.2		ug/L		90	39 - 135
2,4-Dimethylphenol	50.0	45.1		ug/L		90	32 - 119
2,4-Dinitrophenol	100	93.3		ug/L		93	1 - 191
2,4-Dinitrotoluene	50.0	52.7		ug/L		105	39 - 139
2,6-Dinitrotoluene	50.0	50.8		ug/L		102	50 - 158
2-Chloronaphthalene	50.0	47.3		ug/L		95	60 - 118
2-Chlorophenol	50.0	41.2		ug/L		82	23 - 134
2-Nitrophenol	50.0	47.0		ug/L		94	29 - 182
3,3'-Dichlorobenzidine	100	84.3		ug/L		84	1 - 262
4,6-Dinitro-2-methylphenol	100	102		ug/L		102	1 - 181
4-Bromophenyl phenyl ether	50.0	51.5		ug/L		103	53 - 127
4-Chloro-3-methylphenol	50.0	46.5		ug/L		93	22 - 147
4-Chlorophenyl phenyl ether	50.0	51.0		ug/L		102	25 - 158
4-Nitrophenol	100	52.6		ug/L		53	1 - 132
Acenaphthene	50.0	47.9		ug/L		96	47 - 145
Acenaphthylene	50.0	49.1		ug/L		98	33 - 145
Aniline	50.0	36.8		ug/L		74	40 - 120
Anthracene	50.0	51.7		ug/L		103	27 - 133
Benzo[a]anthracene	50.0	51.4		ug/L		103	33 - 143
Benzo[a]pyrene	50.0	51.1		ug/L		102	17 - 163
Benzo[b]fluoranthene	50.0	47.3		ug/L		95	24 - 159
Benzo[g,h,i]perylene	50.0	49.2		ug/L		98	1 - 219
Benzo[k]fluoranthene	50.0	54.2		ug/L		108	11 - 162
Bis(2-chloroethoxy)methane	50.0	46.1		ug/L		92	33 - 184
Bis(2-chloroethyl)ether	50.0	43.8		ug/L		88	12 - 158

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

Lab Sample ID: LCS 480-187377/2-A
Matrix: Water
Analysis Batch: 187931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	50.0	53.0		ug/L		106	8 - 158
Butyl benzyl phthalate	50.0	51.2		ug/L		102	1 - 152
Chrysene	50.0	53.3		ug/L		107	17 - 168
Dibenz(a,h)anthracene	50.0	50.5		ug/L		101	1 - 227
Diethyl phthalate	50.0	53.2		ug/L		106	1 - 114
Dimethyl phthalate	50.0	49.9		ug/L		100	1 - 112
Di-n-butyl phthalate	50.0	54.6		ug/L		109	1 - 118
Di-n-octyl phthalate	50.0	57.8		ug/L		116	4 - 146
Fluoranthene	50.0	53.1		ug/L		106	26 - 137
Fluorene	50.0	48.1		ug/L		96	59 - 121
Hexachlorobenzene	50.0	50.6		ug/L		101	1 - 152
Hexachlorocyclopentadiene	50.0	41.8		ug/L		84	5 - 120
Hexachloroethane	50.0	35.3		ug/L		71	40 - 113
Indeno[1,2,3-cd]pyrene	50.0	48.2		ug/L		96	1 - 171
Isophorone	50.0	48.4		ug/L		97	21 - 196
Naphthalene	50.0	42.7		ug/L		85	21 - 133
Nitrobenzene	50.0	44.7		ug/L		89	35 - 180
N-Nitrosodi-n-propylamine	50.0	47.2		ug/L		94	1 - 230
N-Nitrosodiphenylamine	100	99.0		ug/L		99	54 - 125
Pentachlorophenol	100	110		ug/L		110	14 - 176
Phenanthrene	50.0	50.4		ug/L		101	54 - 120
Phenol	50.0	20.2		ug/L		40	5 - 112
Pyrene	50.0	48.1		ug/L		96	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 151*
2-Fluorobiphenyl	*88*		*44 - 120*
2-Fluorophenol	*51*		*17 - 120*
Nitrobenzene-d5	*83*		*42 - 120*
Phenol-d5	*37*		*10 - 120*
p-Terphenyl-d14	*106*		*22 - 125*

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

Lab Sample ID: MB 480-186938/1-A
Matrix: Water
Analysis Batch: 187248

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/14 06:43	06/13/14 06:26	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/14 06:43	06/13/14 06:26	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/14 06:43	06/13/14 06:26	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/14 06:43	06/13/14 06:26	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/14 06:43	06/13/14 06:26	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/14 06:43	06/13/14 06:26	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/14 06:43	06/13/14 06:26	1

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

Lab Sample ID: MB 480-186938/1-A
Matrix: Water
Analysis Batch: 187248

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186938

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	119		10 - 158	06/11/14 06:43	06/13/14 06:26	1
Tetrachloro-m-xylene	104		25 - 151	06/11/14 06:43	06/13/14 06:26	1

Lab Sample ID: LCS 480-186938/2-A
Matrix: Water
Analysis Batch: 187248

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	1.17		ug/L		117	40 - 142
PCB-1260	1.00	1.39		ug/L		139	34 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	107		10 - 158
Tetrachloro-m-xylene	108		25 - 151

Lab Sample ID: 480-61517-1 MS
Matrix: Water
Analysis Batch: 187248

Client Sample ID: BCC BSA SUMP 060914
Prep Type: Total/NA
Prep Batch: 186938

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		1.92	1.54		ug/L		80	41 - 154
PCB-1260	ND		1.92	2.38		ug/L		124	26 - 142

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	102		10 - 158
Tetrachloro-m-xylene	101		25 - 151

Lab Sample ID: 480-61517-1 MSD
Matrix: Water
Analysis Batch: 187248

Client Sample ID: BCC BSA SUMP 060914
Prep Type: Total/NA
Prep Batch: 186938

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		1.92	1.54		ug/L		80	41 - 154	0	30
PCB-1260	ND		1.92	2.40		ug/L		125	26 - 142	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	102		10 - 158
Tetrachloro-m-xylene	102		25 - 151

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-186691/1-A
Matrix: Water
Analysis Batch: 187282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		06/10/14 10:30	06/11/14 21:25	1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MB 480-186691/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 187282 — **Prep Batch: 186691**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010	0.0016	mg/L		06/10/14 10:30	06/11/14 21:25	1
Lead	ND		0.0050	0.0030	mg/L		06/10/14 10:30	06/11/14 21:25	1
Nickel	ND		0.010	0.0013	mg/L		06/10/14 10:30	06/11/14 21:25	1
Zinc	ND		0.010	0.0015	mg/L		06/10/14 10:30	06/11/14 21:25	1

Lab Sample ID: LCS 480-186691/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 187282 — **Prep Batch: 186691**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.205		mg/L		102	85 - 115
Copper	0.200	0.215		mg/L		108	85 - 115
Lead	0.200	0.199		mg/L		100	85 - 115
Nickel	0.200	0.196		mg/L		98	85 - 115
Zinc	0.200	0.200		mg/L		100	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-187124/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 187375 — **Prep Batch: 187124**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/11/14 08:20	06/12/14 11:53	1

Lab Sample ID: LCS 480-187124/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 187375 — **Prep Batch: 187124**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00672		mg/L		101	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-188004/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 188059 — **Prep Batch: 188004**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		06/16/14 12:31	06/17/14 00:05	1

Lab Sample ID: LCS 480-188004/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 188059 — **Prep Batch: 188004**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.107		mg/L		107	90 - 110

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

TestAmerica Job ID: 480-61517-1

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

Lab Sample ID: MB 480-186603/1
Matrix: Water
Analysis Batch: 186603

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		4.0	4.0	mg/L			06/09/14 17:40	1

Lab Sample ID: LCS 480-186603/2
Matrix: Water
Analysis Batch: 186603

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	227	224.0		mg/L		99	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-186644/1
Matrix: Water
Analysis Batch: 186644

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	7.020		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-187062/27
Matrix: Water
Analysis Batch: 187062

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			06/11/14 11:32	1

Lab Sample ID: MB 480-187062/3
Matrix: Water
Analysis Batch: 187062

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			06/11/14 11:17	1

Lab Sample ID: LCS 480-187062/28
Matrix: Water
Analysis Batch: 187062

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

Lab Sample ID: LCS 480-187062/4
Matrix: Water
Analysis Batch: 187062

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	0.203		mg/L as P		102	90 - 110

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

TestAmerica Job ID: 480-61517-1

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-186931/1
Matrix: Water
Analysis Batch: 186931

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			06/11/14 00:25	1

Lab Sample ID: LCS 480-186931/2
Matrix: Water
Analysis Batch: 186931

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	200.0		mg/L		101	85 - 115		

GC/MS VOA

Analysis Batch: 188162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	624	
480-61517-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-188162/5	Lab Control Sample	Total/NA	Water	624	
MB 480-188162/7	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 187377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	625	
LCS 480-187377/2-A	Lab Control Sample	Total/NA	Water	625	
MB 480-187377/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 187931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	625	187377
LCS 480-187377/2-A	Lab Control Sample	Total/NA	Water	625	187377
MB 480-187377/1-A	Method Blank	Total/NA	Water	625	187377

GC Semi VOA

Prep Batch: 186938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	3510C	
480-61517-1 MS	BCC BSA SUMP 060914	Total/NA	Water	3510C	
480-61517-1 MSD	BCC BSA SUMP 060914	Total/NA	Water	3510C	
LCS 480-186938/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-186938/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 187248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	608	186938
480-61517-1 MS	BCC BSA SUMP 060914	Total/NA	Water	608	186938
480-61517-1 MSD	BCC BSA SUMP 060914	Total/NA	Water	608	186938
LCS 480-186938/2-A	Lab Control Sample	Total/NA	Water	608	186938
MB 480-186938/1-A	Method Blank	Total/NA	Water	608	186938

Metals

Prep Batch: 186691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	200.7	
LCS 480-186691/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-186691/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 187124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	245.1	
LCS 480-187124/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-187124/1-A	Method Blank	Total/NA	Water	245.1	

Metals (Continued)

Analysis Batch: 187282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	200.7 Rev 4.4	186691
LCS 480-186691/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	186691
MB 480-186691/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	186691

Analysis Batch: 187375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	245.1	187124
LCS 480-187124/2-A	Lab Control Sample	Total/NA	Water	245.1	187124
MB 480-187124/1-A	Method Blank	Total/NA	Water	245.1	187124

General Chemistry

Analysis Batch: 186603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	SM 2540D	
LCS 480-186603/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-186603/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 186644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	SM 4500 H+ B	
LCS 480-186644/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 186931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	SM 5210B	
LCS 480-186931/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-186931/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 187062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	SM 4500 P E	
LCS 480-187062/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	
LCS 480-187062/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-187062/27	Method Blank	Total/NA	Water	SM 4500 P E	
MB 480-187062/3	Method Blank	Total/NA	Water	SM 4500 P E	

Prep Batch: 188004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	Distill/Phenol	
LCS 480-188004/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-188004/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 188059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	420.4	188004
LCS 480-188004/2-A	Lab Control Sample	Total/NA	Water	420.4	188004
MB 480-188004/1-A	Method Blank	Total/NA	Water	420.4	188004

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

TestAmerica Job ID: 480-61517-1

General Chemistry (Continued)

Analysis Batch: 189143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-61517-1	BCC BSA SUMP 060914	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

TestAmerica Job ID: 480-61517-1

Client Sample ID: BCC BSA SUMP 060914

Lab Sample ID: 480-61517-1

Date Collected: 06/09/14 14:00

Matrix: Water

Date Received: 06/09/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	188162	06/18/14 02:20	RAS	TAL BUF
Total/NA	Prep	625			187377	06/12/14 14:44	AJM	TAL BUF
Total/NA	Analysis	625		1	187931	06/16/14 15:52	ANM	TAL BUF
Total/NA	Prep	3510C			186938	06/11/14 06:43	MCZ	TAL BUF
Total/NA	Analysis	608		1	187248	06/13/14 09:21	JMM	TAL BUF
Total/NA	Prep	200.7			186691	06/10/14 10:30	EHD	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	187282	06/11/14 22:01	MTM2	TAL BUF
Total/NA	Prep	245.1			187124	06/11/14 08:20	EHD	TAL BUF
Total/NA	Analysis	245.1		1	187375	06/12/14 12:34	LRK	TAL BUF
Total/NA	Prep	Distill/Phenol			188004	06/16/14 12:31	RP	TAL BUF
Total/NA	Analysis	420.4		1	188059	06/17/14 01:09	RMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	186603	06/09/14 18:26	KS	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	189143	06/21/14 12:25	JFR	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	186644	06/09/14 22:28	KS	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	187062	06/11/14 11:34	KJ1	TAL BUF
Total/NA	Analysis	SM 5210B		1	186931	06/11/14 00:25	KS	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-61517-2

Date Collected: 06/09/14 00:00

Matrix: Water

Date Received: 06/09/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	188162	06/18/14 02:44	RAS	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-61517-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but 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- Monthly BSA SUMP

TestAmerica Job ID: 480-61517-1

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
420.4	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- Monthly BSA SUMP

TestAmerica Job ID: 480-61517-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-61517-1	BCC BSA SUMP 060914	Water	06/09/14 14:00	06/09/14 16:10
480-61517-2	TRIP BLANK	Water	06/09/14 00:00	06/09/14 16:10

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.6

480-61517 Chain of Custody

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 6-9-14	COC No: 276404
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W)			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			Flow Rates (GPM)
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week			EW-1: 7.54
Site: Buffalo Color - NY7A9728	[ ] 2 days			EW-2: 0.72
PO# 52954	[ ] 1 day			EW-3A: 5.03
				EW-4: 1.19
				EW-5: 2.04
				Composite Percent (%)
				DC-1: 62
				DC-2: 38

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	4500_P_E - Phosphorus	200.7 , 245.1	420.4 - Phenolics, Total Recoverable	624_3ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Lecal Method	SM4500_H+ - pH							Sample Specific Notes:
BCC_BSA_Sump_060914	6/9/14	1400	C	W	19	N	1	1	1	8	2	2	1	1	1	1							Lab to composite 624 for BCC BSA Sump samples prior to analysis
Trip Blank	N/A	N/A	N/A	N/A						2													
										10													
Container Volume (ml)							250	250	250	40	1000	1000	1000	500	250	125							
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P							

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner OSC		6/9/14 1610			6/9/14 1610
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

4.2 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-61517-1

Login Number: 61517

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

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

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

		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					
Date	Associate	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	Containment Line Pressure Gauge Checks	Comments
4/7/2014	TW	47	37	32	23	37	12	14.1	11	5	5	3	7.18	23	13.6	9,107,223	22	22.6	6,634,008	14	10	8	3	2	y	
4/11/2014	TW	48	47	32	28	47	12	12.4	10	4	4	2	7.18	22	14.7	9,184,014	21	24	6,690,988	15	10	7	3	2	y	
4/18/2014	TW	47	40	32	22	39	12	14.8	12	6	5	3	7.18	22	14.9	9,283,356	22	20.2	6,746,832	10	10	6	4	1	y	
4/22/2014	TW	44	41	29	25	41	22	25.6	17	11	11	6	6.93	22	14.9	9,295,208	21	21.9	6,799,577	12	9	6	3	2	y	
5/2/2014	TW	46	44	32	17	46	30	21.5	28	8	8	5	7.05	23	15.1	9,345,428	22	16.8	6,862,644	7	11	6	4	0	y	
5/9/2014	TW	49	48	33	29	50	12	10.9	12	4	4	2	7.17	22	15.1	9,421,390	22	23.1	6,863,644	7	11	6	4	0	y	
5/16/2014	TW	48	45	32	27	46	33	21.5	30	8	8	5	6.79	22	14.7	9,491,790	22	24	6,952,692	15	11	7	6	0	y	
5/23/2014	TW	50	26	32	28	29	10	5.81	10	1	3	0	7.18	22	14.3	9,562,911	21.5	23.8	6,976,452	16.5	9	9	7	1	y	
5/30/2014	TW	47	42	32	26	43	30	19.7	28	8	7	5	7.05	22	14.2	9,614,559	22	23	6,989,888	14	10	8	6	1	y	
6/6/2014	TW	48	45	32	27	45	18	11.7	18	3	4	2	7.17	22	14.2	9,680,501	22	23.7	7,007,549	15	10	8	5	0	y	
6/12/2014	TW	48	45	33	28	44	21	15.5	21	5	5	3	7.32	23	14.1	9,731,414	22	22.5	7,023,920	13	10	7	5	0	y	
6/19/2014	TW	48	38	33	30	39	20	15.3	18	5	5	3	7.29	22	13.8	9,761,221	22	21.9	7,046,662	13	9	7	5	0	y	
6/27/2014	TW	46	41	33	30	41	25	24.5	20	10	10	6	7.08	23	13.8	9,844,479	22	17.1	7,108,228	7	10	5	3	0	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
4/1/2014									1	1			
4/2/2014								1	1	1			
4/3/2014													
4/4/2014					1			1		1			
4/5/2014													
4/6/2014													
4/7/2014						1		1	1	1			
4/8/2014							1		4	4		1	Cleaned tank #10,
4/9/2014								1	1	1			
4/10/2014									1	1			
4/11/2014								1	1	1			
4/12/2014													
4/13/2014													
4/14/2014					1	1	1	1	1	1		1	
4/15/2014										1			
4/16/2014								1	1				
4/17/2014										1			
4/18/2014								1	1				
4/19/2014													
4/20/2014													
4/21/2014							1	1	2	1		1	
4/22/2014													
4/23/2014													
4/24/2014													
4/25/2014		1									1		(Cyclesorb)
4/26/2014													
4/27/2014													
4/28/2014						1		1	2	2			
4/29/2014							1		2	1		1	
4/30/2014								1	1	1			
5/1/2014									1	1			
5/2/2014								1		1			
5/3/2014													
5/4/2014													
5/5/2014					1	1	1	1	1	1	1	1	
5/6/2014										1			
5/7/2014								1	1	1			
5/8/2014											1		
5/9/2014								1	2				
5/10/2014													
5/11/2014													
5/12/2014								1	1	1			
5/13/2014									1				Clean Tank #10
5/14/2014					1			1		1			
5/15/2014									1				
5/16/2014							1	1		1		1	
5/17/2014													
5/18/2014													
5/19/2014								1	1	1			
5/20/2014									1				
5/21/2014													
5/22/2014								1	1	1	1		
5/23/2014													
5/24/2014													

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
5/25/2014													
5/26/2014													
5/27/2014								1	1	2			
5/28/2014								1					
5/29/2014									1				
5/30/2014					1		1	1		1			
5/31/2014													
6/1/2014													
6/2/2014								1	1	1		1	
6/3/2014					1	1	1	1					
6/4/2014									1				
6/5/2014													
6/6/2014								1		1			
6/7/2014													
6/8/2014													
6/9/2014								1	2	2			
6/10/2014									1				
6/11/2014							1	1	1			1	
6/12/2014					1			1	1				
6/13/2014													
6/14/2014													
6/15/2014													
6/16/2014													
6/17/2014													
6/18/2014								1	2	1		1	
6/19/2014									1	1			
6/20/2014								1	1				
6/21/2014													
6/22/2014													
6/23/2014								1	1				
6/24/2014										1	1		
6/25/2014								1	1		1		
6/26/2014										1		1	
6/27/2014								1		1			
6/28/2014													
6/29/2014													
6/30/2014							1	1	1	1	1		

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

October 31, 2014

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: 0913-OMM

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 July 2014 through September 2014. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #14-06BU109.

Included with the report are:

- Operation log sheets;
- 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,

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

cc:

Richard Galloway	Honeywell
Eugene Melnyk	NYSDEC Region 9
John Yensan	South Buffalo Development, LLC
Daniel Forlastro	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 2014 through September 2014

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 2014	280,445 gallons
August 2014	447,392 gallons
September 2014	498,814 gallons

Total Quarterly Discharge 1,226,651 gallons

Estimated Area D contribution this period:
11,868 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.

Andrew D. Madden
Project Engineer

Ontario Specialty Contracting, Inc.

Attachments:
Monitoring and Sampling Schematic, Field Data Collection Sheets, and Laboratory Analytical Results

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	14-06-BU109	Effective June 1, 2014
Sample Date:	9/4/2014	Quarter: 3Q
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Sample Frequency: Quarterly
Sample Month: SEP

Event Group: SUMP
Lab Job ID: J66680-1

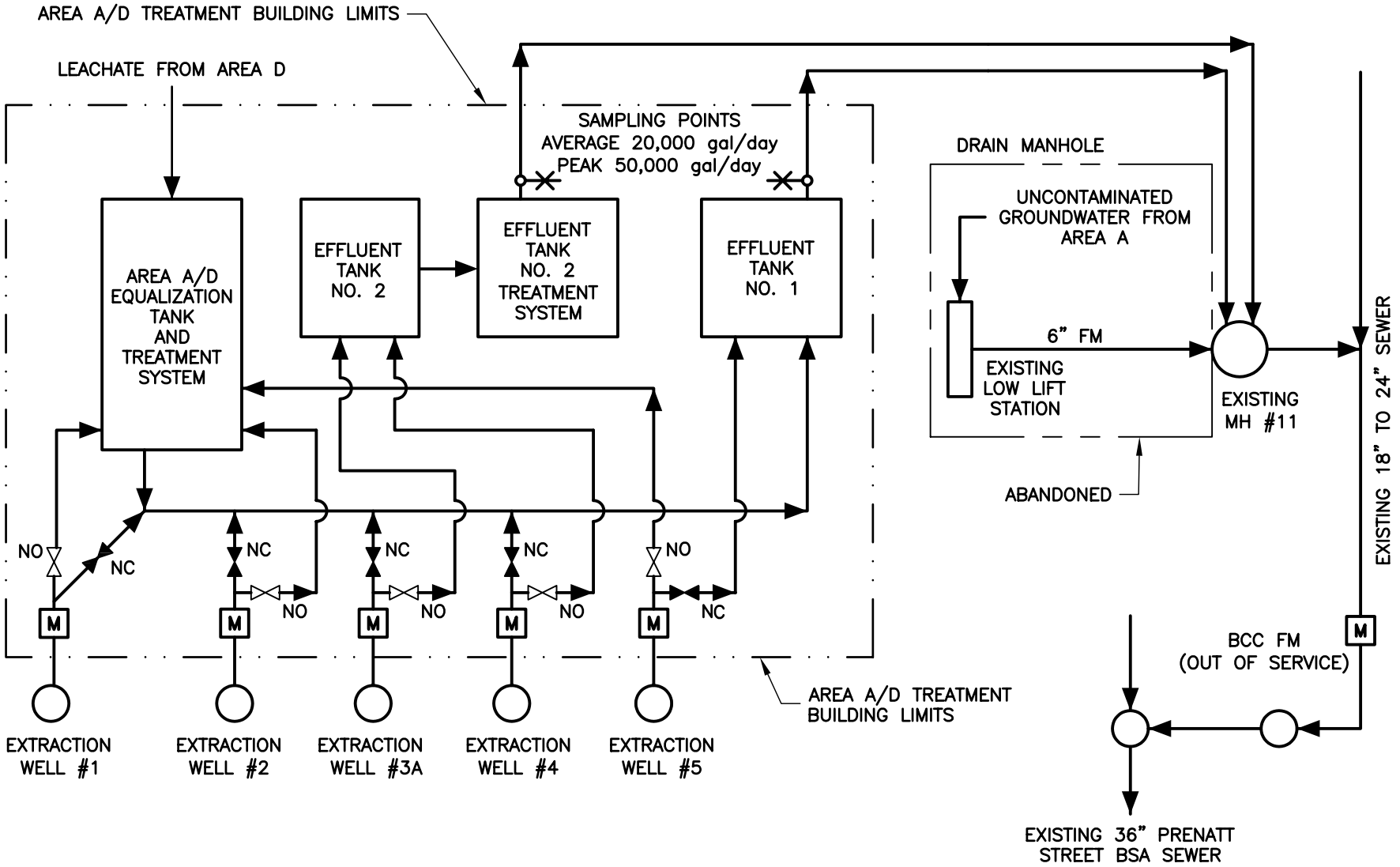
BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	8.38	0.100	SU	8.38	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	23.50	2.0	mg/L	23.5	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	ND	0.010	mg/L	ND	lbs/day	1.67	lbs/day	Yes	20	ND	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0002	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.01	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0100	Yes
Lead	7439-92-1	0.00	0.0050	mg/L	0.0005	lbs/day	0.541	lbs/day	Yes	65	0.0049	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	0.00	0.010	mg/L	0.0002	lbs/day	1.17	lbs/day	Yes	14	0.0014	Yes
Zinc	7440-66-6	0.01	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.009	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	6.9	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	2.4	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	0.2	4.7	ug/L	0.0000	lbs/day	0.131	lbs/day	Yes	0.314	0.0002	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	0.150	0.010	mg/L	0.150	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	9.26	-	gpm	13,333	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	16,952,707	7/1/2014
Final Reading	18,179,358	9/30/2014
Total Days in Period	92	
Total Flow for Period	**1,226,651**	gallons
Average Flow for Period	**9.26**	gpm

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

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: 480-66680-1
Client Project/Site: Monthly BSA SUMP
Sampling Event: Buffalo Color - Monthly Sump

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

Attn: Andrew Madden

Authorized for release by:
9/17/2014 11:52:40 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

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.
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.
¤	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)

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Job ID: 480-66680-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-66680-1

Comments
No additional comments.

Receipt
The samples were received on 9/4/2014 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA
Method(s) 624: The continuing calibration verification (CCV) associated with batch 201190 recovered above the upper control limit for 1,1,1-Trichloroethane and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-201190/4).

Method(s) 624: The laboratory control sample (LCS) for batch 201190 recovered outside control limits for the following analyte: Carbon tetrachloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 624: The following samples were composited by the laboratory on 9/7/14 as requested on the chain-of-custody: BCC BSA SUMP 9014 (480-66680-1).

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 and the laboratory control sample duplicate (LCS/LCSD) for batch <<201220>> recovered outside control limits for the following analyte(s): <<n-Decane, Benzidine>>. <<n-Decane, Benzidine>> have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

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

GC Semi VOA
Method(s) 608: The method blank for preparation batch 201308 contained Aroclor 1248 above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

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.

General Chemistry
Method(s) SM 2540D: Due to the matrix, the initial volume(s) used for the following sample(s) deviated from the standard procedure: MBBR Effluent (480-66720-2). The reporting limits (RLs) have been adjusted proportionately.

Method(s) SM 2540D: The results reported for the following sample(s) do not concur with results previously reported for this site: MBBR Effluent (480-66720-2). Reanalysis was performed, and the result(s) confirmed.

Method(s) SM 4500 H+ B: The following sample(s) was received outside of holding time: BCC BSA SUMP 9014 (480-66680-1).

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

Organic Prep
Method(s) 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 201220.

Job ID: 480-66680-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Client Sample ID: BCC BSA SUMP 9014 — Lab Sample ID: 480-66680-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2.4	J	5.0	0.48	ug/L	1		624	Total/NA
Ethylbenzene	3.0	J	5.0	0.46	ug/L	1		624	Total/NA
Toluene	1.0	J	5.0	0.45	ug/L	1		624	Total/NA
Aniline	6.9	J	9.8	0.086	ug/L	1		625	Total/NA
Phenanthrene	0.16	J	4.9	0.070	ug/L	1		625	Total/NA
Phenol	5.3		4.9	0.12	ug/L	1		625	Total/NA
Chromium	0.0018	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.010		0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0049	J	0.0050	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0087	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Amenable	0.0075	J	0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Phosphorus	0.15		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	23.5		2.0	2.0	mg/L	1		SM 5210B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.38	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-66680-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Client Sample ID: BCC BSA SUMP 9014
Date Collected: 09/04/14 10:30
Date Received: 09/04/14 17:17

Lab Sample ID: 480-66680-1
Matrix: Water

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			09/08/14 07:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/08/14 07:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/08/14 07:46	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/08/14 07:46	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/08/14 07:46	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/08/14 07:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/08/14 07:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/08/14 07:46	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/08/14 07:46	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/08/14 07:46	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/08/14 07:46	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/08/14 07:46	1
Acrolein	ND		100	17	ug/L			09/08/14 07:46	1
Acrylonitrile	ND		50	1.9	ug/L			09/08/14 07:46	1
Benzene	ND		5.0	0.60	ug/L			09/08/14 07:46	1
Bromoform	ND		5.0	0.47	ug/L			09/08/14 07:46	1
Bromomethane	ND		5.0	1.2	ug/L			09/08/14 07:46	1
Carbon tetrachloride	ND	*	5.0	0.51	ug/L			09/08/14 07:46	1
Chlorobenzene	**2.4**	**J**	5.0	0.48	ug/L			09/08/14 07:46	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/08/14 07:46	1
Chloroethane	ND		5.0	0.87	ug/L			09/08/14 07:46	1
Chloroform	ND		5.0	0.54	ug/L			09/08/14 07:46	1
Chloromethane	ND		5.0	0.64	ug/L			09/08/14 07:46	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/08/14 07:46	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/08/14 07:46	1
Ethylbenzene	**3.0**	**J**	5.0	0.46	ug/L			09/08/14 07:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/08/14 07:46	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/08/14 07:46	1
Toluene	**1.0**	**J**	5.0	0.45	ug/L			09/08/14 07:46	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/08/14 07:46	1
Trichloroethene	ND		5.0	0.60	ug/L			09/08/14 07:46	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/08/14 07:46	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/08/14 07:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 130*		*09/08/14 07:46*	*1*
4-Bromofluorobenzene (Surr)	*113*		*69 - 121*		*09/08/14 07:46*	*1*
Toluene-d8 (Surr)	*89*		*70 - 123*		*09/08/14 07:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.8	0.48	ug/L		09/08/14 08:29	09/11/14 07:57	1
1,2-Dichlorobenzene	ND		9.8	0.14	ug/L		09/08/14 08:29	09/11/14 07:57	1
1,2-Diphenylhydrazine	ND		9.8	0.062	ug/L		09/08/14 08:29	09/11/14 07:57	1
1,3-Dichlorobenzene	ND		9.8	0.068	ug/L		09/08/14 08:29	09/11/14 07:57	1
1,4-Dichlorobenzene	ND		9.8	0.088	ug/L		09/08/14 08:29	09/11/14 07:57	1
2,2'-oxybis[1-chloropropane]	ND		4.9	0.084	ug/L		09/08/14 08:29	09/11/14 07:57	1
2,4,6-Trichlorophenol	ND		4.9	0.23	ug/L		09/08/14 08:29	09/11/14 07:57	1
2,4-Dichlorophenol	ND		4.9	0.29	ug/L		09/08/14 08:29	09/11/14 07:57	1
2,4-Dimethylphenol	ND		4.9	0.13	ug/L		09/08/14 08:29	09/11/14 07:57	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Client Sample ID: BCC BSA SUMP 9014
Date Collected: 09/04/14 10:30
Date Received: 09/04/14 17:17

Lab Sample ID: 480-66680-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.8	0.82	ug/L		09/08/14 08:29	09/11/14 07:57	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		09/08/14 08:29	09/11/14 07:57	1
2,6-Dinitrotoluene	ND		4.9	0.70	ug/L		09/08/14 08:29	09/11/14 07:57	1
2-Chloronaphthalene	ND		4.9	0.066	ug/L		09/08/14 08:29	09/11/14 07:57	1
2-Chlorophenol	ND		4.9	0.15	ug/L		09/08/14 08:29	09/11/14 07:57	1
2-Nitrophenol	ND		4.9	0.14	ug/L		09/08/14 08:29	09/11/14 07:57	1
3,3'-Dichlorobenzidine	ND		4.9	0.81	ug/L		09/08/14 08:29	09/11/14 07:57	1
4,6-Dinitro-2-methylphenol	ND		9.8	0.75	ug/L		09/08/14 08:29	09/11/14 07:57	1
4-Bromophenyl phenyl ether	ND		4.9	0.11	ug/L		09/08/14 08:29	09/11/14 07:57	1
4-Chloro-3-methylphenol	ND		4.9	0.55	ug/L		09/08/14 08:29	09/11/14 07:57	1
4-Chlorophenyl phenyl ether	ND		4.9	0.21	ug/L		09/08/14 08:29	09/11/14 07:57	1
4-Nitrophenol	ND		9.8	1.3	ug/L		09/08/14 08:29	09/11/14 07:57	1
Acenaphthene	ND		4.9	0.059	ug/L		09/08/14 08:29	09/11/14 07:57	1
Acenaphthylene	ND		4.9	0.033	ug/L		09/08/14 08:29	09/11/14 07:57	1
Aniline	**6.9**	**J**	9.8	0.086	ug/L		09/08/14 08:29	09/11/14 07:57	1
Anthracene	ND		4.9	0.052	ug/L		09/08/14 08:29	09/11/14 07:57	1
Benzidine	ND		79	2.5	ug/L		09/08/14 08:29	09/11/14 07:57	1
Benzo[a]anthracene	ND		4.9	0.042	ug/L		09/08/14 08:29	09/11/14 07:57	1
Benzo[a]pyrene	ND		4.9	0.057	ug/L		09/08/14 08:29	09/11/14 07:57	1
Benzo[b]fluoranthene	ND		4.9	0.060	ug/L		09/08/14 08:29	09/11/14 07:57	1
Benzo[g,h,i]perylene	ND		4.9	0.098	ug/L		09/08/14 08:29	09/11/14 07:57	1
Benzo[k]fluoranthene	ND		4.9	0.041	ug/L		09/08/14 08:29	09/11/14 07:57	1
Bis(2-chloroethoxy)methane	ND		4.9	0.083	ug/L		09/08/14 08:29	09/11/14 07:57	1
Bis(2-chloroethyl)ether	ND		4.9	1.1	ug/L		09/08/14 08:29	09/11/14 07:57	1
Bis(2-ethylhexyl) phthalate	ND		9.8	0.85	ug/L		09/08/14 08:29	09/11/14 07:57	1
Butyl benzyl phthalate	ND		4.9	1.3	ug/L		09/08/14 08:29	09/11/14 07:57	1
Chrysene	ND		4.9	0.035	ug/L		09/08/14 08:29	09/11/14 07:57	1
Decane	ND	*	9.8	1.6	ug/L		09/08/14 08:29	09/11/14 07:57	1
Dibenz(a,h)anthracene	ND		4.9	0.054	ug/L		09/08/14 08:29	09/11/14 07:57	1
Diethyl phthalate	ND		4.9	0.17	ug/L		09/08/14 08:29	09/11/14 07:57	1
Dimethyl phthalate	ND		4.9	0.16	ug/L		09/08/14 08:29	09/11/14 07:57	1
Di-n-butyl phthalate	ND		4.9	0.92	ug/L		09/08/14 08:29	09/11/14 07:57	1
Di-n-octyl phthalate	ND		4.9	4.4	ug/L		09/08/14 08:29	09/11/14 07:57	1
Fluoranthene	ND		4.9	0.11	ug/L		09/08/14 08:29	09/11/14 07:57	1
Fluorene	ND		4.9	0.042	ug/L		09/08/14 08:29	09/11/14 07:57	1
Hexachlorobenzene	ND		4.9	0.27	ug/L		09/08/14 08:29	09/11/14 07:57	1
Hexachlorobutadiene	ND		4.9	0.61	ug/L		09/08/14 08:29	09/11/14 07:57	1
Hexachlorocyclopentadiene	ND		4.9	0.44	ug/L		09/08/14 08:29	09/11/14 07:57	1
Hexachloroethane	ND		4.9	0.47	ug/L		09/08/14 08:29	09/11/14 07:57	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.18	ug/L		09/08/14 08:29	09/11/14 07:57	1
Isophorone	ND		4.9	0.15	ug/L		09/08/14 08:29	09/11/14 07:57	1
Naphthalene	ND		4.9	0.079	ug/L		09/08/14 08:29	09/11/14 07:57	1
Nitrobenzene	ND		4.9	0.11	ug/L		09/08/14 08:29	09/11/14 07:57	1
N-Nitrosodimethylamine	ND		9.8	0.95	ug/L		09/08/14 08:29	09/11/14 07:57	1
N-Nitrosodi-n-propylamine	ND		4.9	0.23	ug/L		09/08/14 08:29	09/11/14 07:57	1
N-Nitrosodiphenylamine	ND		4.9	0.39	ug/L		09/08/14 08:29	09/11/14 07:57	1
n-Octadecane	ND		9.8	0.69	ug/L		09/08/14 08:29	09/11/14 07:57	1
Pentachlorophenol	ND		9.8	0.41	ug/L		09/08/14 08:29	09/11/14 07:57	1
Phenanthrene	**0.16**	**J**	4.9	0.070	ug/L		09/08/14 08:29	09/11/14 07:57	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Client Sample ID: BCC BSA SUMP 9014
Date Collected: 09/04/14 10:30
Date Received: 09/04/14 17:17

Lab Sample ID: 480-66680-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	5.3		4.9	0.12	ug/L		09/08/14 08:29	09/11/14 07:57	1
Pyrene	ND		4.9	0.040	ug/L		09/08/14 08:29	09/11/14 07:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*105*		*52 - 151*	*09/08/14 08:29*	*09/11/14 07:57*	*1*
2-Fluorobiphenyl	*91*		*44 - 120*	*09/08/14 08:29*	*09/11/14 07:57*	*1*
2-Fluorophenol	*45*		*17 - 120*	*09/08/14 08:29*	*09/11/14 07:57*	*1*
Nitrobenzene-d5	*78*		*42 - 120*	*09/08/14 08:29*	*09/11/14 07:57*	*1*
Phenol-d5	*32*		*10 - 120*	*09/08/14 08:29*	*09/11/14 07:57*	*1*
p-Terphenyl-d14	*79*		*22 - 125*	*09/08/14 08:29*	*09/11/14 07:57*	*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		09/08/14 13:58	09/09/14 13:38	1
PCB-1221	ND		0.058	0.037	ug/L		09/08/14 13:58	09/09/14 13:38	1
PCB-1232	ND		0.058	0.037	ug/L		09/08/14 13:58	09/09/14 13:38	1
PCB-1242	ND		0.058	0.037	ug/L		09/08/14 13:58	09/09/14 13:38	1
PCB-1248	ND		0.058	0.037	ug/L		09/08/14 13:58	09/09/14 13:38	1
PCB-1254	ND		0.058	0.030	ug/L		09/08/14 13:58	09/09/14 13:38	1
PCB-1260	ND		0.058	0.030	ug/L		09/08/14 13:58	09/09/14 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*10 - 158*	*09/08/14 13:58*	*09/09/14 13:38*	*1*
Tetrachloro-m-xylene	*88*		*25 - 151*	*09/08/14 13:58*	*09/09/14 13:38*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0018	J	0.0040	0.0010	mg/L		09/05/14 10:35	09/05/14 20:59	1
Copper	0.010		0.010	0.0016	mg/L		09/05/14 10:35	09/05/14 20:59	1
Lead	0.0049	J	0.0050	0.0030	mg/L		09/05/14 10:35	09/05/14 20:59	1
Nickel	0.0014	J	0.010	0.0013	mg/L		09/05/14 10:35	09/05/14 20:59	1
Zinc	0.0087	J	0.010	0.0015	mg/L		09/05/14 10:35	09/11/14 14:11	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		09/09/14 09:10	09/09/14 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/08/14 08:46	09/11/14 21:44	1
Cyanide, Amenable	0.0075	J	0.010	0.0050	mg/L			09/11/14 16:15	1
Phosphorus	0.15		0.010	0.0050	mg/L as P			09/09/14 10:59	1
Biochemical Oxygen Demand	23.5		2.0	2.0	mg/L			09/05/14 08:38	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			09/09/14 11:04	1
pH	8.38	HF	0.100	0.100	SU			09/05/14 13:12	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Client Sample ID: TRIP BLANK
Date Collected: 09/04/14 00:00
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66680-2
Matrix: Water

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			09/08/14 08:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/08/14 08:11	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/08/14 08:11	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/08/14 08:11	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/08/14 08:11	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/08/14 08:11	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/08/14 08:11	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/08/14 08:11	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/08/14 08:11	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/08/14 08:11	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/08/14 08:11	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/08/14 08:11	1
Acrolein	ND		100	17	ug/L			09/08/14 08:11	1
Acrylonitrile	ND		50	1.9	ug/L			09/08/14 08:11	1
Benzene	ND		5.0	0.60	ug/L			09/08/14 08:11	1
Bromoform	ND		5.0	0.47	ug/L			09/08/14 08:11	1
Bromomethane	ND		5.0	1.2	ug/L			09/08/14 08:11	1
Carbon tetrachloride	ND	*	5.0	0.51	ug/L			09/08/14 08:11	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/08/14 08:11	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/08/14 08:11	1
Chloroethane	ND		5.0	0.87	ug/L			09/08/14 08:11	1
Chloroform	ND		5.0	0.54	ug/L			09/08/14 08:11	1
Chloromethane	ND		5.0	0.64	ug/L			09/08/14 08:11	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/08/14 08:11	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/08/14 08:11	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/08/14 08:11	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/08/14 08:11	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/08/14 08:11	1
Toluene	ND		5.0	0.45	ug/L			09/08/14 08:11	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/08/14 08:11	1
Trichloroethene	ND		5.0	0.60	ug/L			09/08/14 08:11	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/08/14 08:11	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/08/14 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 130*		*09/08/14 08:11*	*1*
4-Bromofluorobenzene (Surr)	*112*		*69 - 121*		*09/08/14 08:11*	*1*
Toluene-d8 (Surr)	*89*		*70 - 123*		*09/08/14 08:11*	*1*

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		12DCE	BFB	TOL						
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)						
480-66680-1	BCC BSA SUMP 9014	110	113	89						
480-66680-2	TRIP BLANK	109	112	89						
LCS 480-201190/6	Lab Control Sample	107	113	90						
MB 480-201190/8	Method Blank	112	112	88						

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)		
480-66680-1	BCC BSA SUMP 9014	105	91	45	78	32	79		
LCS 480-201220/2-A	Lab Control Sample	105	91	43	73	32	105		
LCSD 480-201220/3-A	Lab Control Sample Dup	104	90	45	74	34	104		
MB 480-201220/1-A	Method Blank	88	85	45	76	33	106		

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)								
		DCB1	TCX1							
Lab Sample ID	Client Sample ID	(10-158)	(25-151)							
480-66680-1	BCC BSA SUMP 9014	51	88							
480-66680-1 MS	BCC BSA SUMP 9014	81	100							
480-66680-1 MSD	BCC BSA SUMP 9014	80	98							
LCS 480-201308/2-A	Lab Control Sample	57	98							
MB 480-201308/1-A	Method Blank	43	86							

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-201190/8
Matrix: Water
Analysis Batch: 201190

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			09/08/14 00:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/08/14 00:32	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/08/14 00:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/08/14 00:32	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/08/14 00:32	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/08/14 00:32	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/08/14 00:32	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/08/14 00:32	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/08/14 00:32	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/08/14 00:32	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/08/14 00:32	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/08/14 00:32	1
Acrolein	ND		100	17	ug/L			09/08/14 00:32	1
Acrylonitrile	ND		50	1.9	ug/L			09/08/14 00:32	1
Benzene	ND		5.0	0.60	ug/L			09/08/14 00:32	1
Bromoform	ND		5.0	0.47	ug/L			09/08/14 00:32	1
Bromomethane	ND		5.0	1.2	ug/L			09/08/14 00:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/08/14 00:32	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/08/14 00:32	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/08/14 00:32	1
Chloroethane	ND		5.0	0.87	ug/L			09/08/14 00:32	1
Chloroform	ND		5.0	0.54	ug/L			09/08/14 00:32	1
Chloromethane	ND		5.0	0.64	ug/L			09/08/14 00:32	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/08/14 00:32	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/08/14 00:32	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/08/14 00:32	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/08/14 00:32	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/08/14 00:32	1
Toluene	ND		5.0	0.45	ug/L			09/08/14 00:32	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/08/14 00:32	1
Trichloroethene	ND		5.0	0.60	ug/L			09/08/14 00:32	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/08/14 00:32	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/08/14 00:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 130*		*09/08/14 00:32*	*1*
4-Bromofluorobenzene (Surr)	*112*		*69 - 121*		*09/08/14 00:32*	*1*
Toluene-d8 (Surr)	*88*		*70 - 123*		*09/08/14 00:32*	*1*

Lab Sample ID: LCS 480-201190/6
Matrix: Water
Analysis Batch: 201190

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	28.1		ug/L		140	52 - 162
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/L		95	46 - 157
1,1,2-Trichloroethane	20.0	23.1		ug/L		115	52 - 150
1,1-Dichloroethane	20.0	27.3		ug/L		136	59 - 155

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

Lab Sample ID: LCS 480-201190/6
Matrix: Water
Analysis Batch: 201190

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	23.6		ug/L		118	1 - 234
1,2-Dichlorobenzene	20.0	20.7		ug/L		103	18 - 190
1,2-Dichloroethane	20.0	28.6		ug/L		143	49 - 155
1,2-Dichloropropane	20.0	25.2		ug/L		126	1 - 210
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	59 - 156
1,4-Dichlorobenzene	20.0	20.9		ug/L		105	18 - 190
2-Chloroethyl vinyl ether	20.0	25.8		ug/L		129	1 - 305
Benzene	20.0	26.0		ug/L		130	37 - 151
Bromoform	20.0	20.4		ug/L		102	45 - 169
Bromomethane	20.0	30.0		ug/L		150	1 - 242
Carbon tetrachloride	20.0	29.1	*	ug/L		145	70 - 140
Chlorobenzene	20.0	22.3		ug/L		112	37 - 160
Dibromochloromethane	20.0	21.8		ug/L		109	53 - 149
Chloroethane	20.0	29.0		ug/L		145	14 - 230
Chloroform	20.0	27.2		ug/L		136	51 - 138
Chloromethane	20.0	24.1		ug/L		121	1 - 273
cis-1,3-Dichloropropene	20.0	25.1		ug/L		126	1 - 227
Bromodichloromethane	20.0	25.7		ug/L		128	35 - 155
Ethylbenzene	20.0	23.4		ug/L		117	37 - 162
Methylene Chloride	20.0	25.1		ug/L		125	1 - 221
Tetrachloroethene	20.0	22.1		ug/L		110	64 - 148
Toluene	20.0	22.0		ug/L		110	47 - 150
trans-1,3-Dichloropropene	20.0	24.4		ug/L		122	17 - 183
Trichloroethene	20.0	27.4		ug/L		137	71 - 157
Trichlorofluoromethane	20.0	29.2		ug/L		146	17 - 181
Vinyl chloride	20.0	24.2		ug/L		121	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*
4-Bromofluorobenzene (Surr)	*113*		*69 - 121*
Toluene-d8 (Surr)	*90*		*70 - 123*

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

Lab Sample ID: MB 480-201220/1-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		09/08/14 08:29	09/11/14 06:22	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		09/08/14 08:29	09/11/14 06:22	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		09/08/14 08:29	09/11/14 06:22	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		09/08/14 08:29	09/11/14 06:22	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		09/08/14 08:29	09/11/14 06:22	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.086	ug/L		09/08/14 08:29	09/11/14 06:22	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		09/08/14 08:29	09/11/14 06:22	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		09/08/14 08:29	09/11/14 06:22	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		09/08/14 08:29	09/11/14 06:22	1

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

Lab Sample ID: MB 480-201220/1-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		09/08/14 08:29	09/11/14 06:22	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		09/08/14 08:29	09/11/14 06:22	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		09/08/14 08:29	09/11/14 06:22	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		09/08/14 08:29	09/11/14 06:22	1
2-Chlorophenol	ND		5.0	0.16	ug/L		09/08/14 08:29	09/11/14 06:22	1
2-Nitrophenol	ND		5.0	0.14	ug/L		09/08/14 08:29	09/11/14 06:22	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		09/08/14 08:29	09/11/14 06:22	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		09/08/14 08:29	09/11/14 06:22	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		09/08/14 08:29	09/11/14 06:22	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		09/08/14 08:29	09/11/14 06:22	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		09/08/14 08:29	09/11/14 06:22	1
4-Nitrophenol	ND		10	1.3	ug/L		09/08/14 08:29	09/11/14 06:22	1
Acenaphthene	ND		5.0	0.060	ug/L		09/08/14 08:29	09/11/14 06:22	1
Acenaphthylene	ND		5.0	0.034	ug/L		09/08/14 08:29	09/11/14 06:22	1
Aniline	ND		10	0.087	ug/L		09/08/14 08:29	09/11/14 06:22	1
Anthracene	ND		5.0	0.052	ug/L		09/08/14 08:29	09/11/14 06:22	1
Benzidine	ND		80	2.5	ug/L		09/08/14 08:29	09/11/14 06:22	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		09/08/14 08:29	09/11/14 06:22	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		09/08/14 08:29	09/11/14 06:22	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		09/08/14 08:29	09/11/14 06:22	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		09/08/14 08:29	09/11/14 06:22	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		09/08/14 08:29	09/11/14 06:22	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		09/08/14 08:29	09/11/14 06:22	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		09/08/14 08:29	09/11/14 06:22	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		09/08/14 08:29	09/11/14 06:22	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		09/08/14 08:29	09/11/14 06:22	1
Chrysene	ND		5.0	0.036	ug/L		09/08/14 08:29	09/11/14 06:22	1
Decane	ND		10	1.6	ug/L		09/08/14 08:29	09/11/14 06:22	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		09/08/14 08:29	09/11/14 06:22	1
Diethyl phthalate	ND		5.0	0.17	ug/L		09/08/14 08:29	09/11/14 06:22	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		09/08/14 08:29	09/11/14 06:22	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		09/08/14 08:29	09/11/14 06:22	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		09/08/14 08:29	09/11/14 06:22	1
Fluoranthene	ND		5.0	0.11	ug/L		09/08/14 08:29	09/11/14 06:22	1
Fluorene	ND		5.0	0.043	ug/L		09/08/14 08:29	09/11/14 06:22	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		09/08/14 08:29	09/11/14 06:22	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		09/08/14 08:29	09/11/14 06:22	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		09/08/14 08:29	09/11/14 06:22	1
Hexachloroethane	ND		5.0	0.48	ug/L		09/08/14 08:29	09/11/14 06:22	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		09/08/14 08:29	09/11/14 06:22	1
Isophorone	ND		5.0	0.16	ug/L		09/08/14 08:29	09/11/14 06:22	1
Naphthalene	ND		5.0	0.080	ug/L		09/08/14 08:29	09/11/14 06:22	1
Nitrobenzene	ND		5.0	0.11	ug/L		09/08/14 08:29	09/11/14 06:22	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		09/08/14 08:29	09/11/14 06:22	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		09/08/14 08:29	09/11/14 06:22	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		09/08/14 08:29	09/11/14 06:22	1
n-Octadecane	ND		10	0.70	ug/L		09/08/14 08:29	09/11/14 06:22	1
Pentachlorophenol	ND		10	0.41	ug/L		09/08/14 08:29	09/11/14 06:22	1

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

Lab Sample ID: MB 480-201220/1-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		5.0	0.071	ug/L		09/08/14 08:29	09/11/14 06:22	1
Phenol	ND		5.0	0.12	ug/L		09/08/14 08:29	09/11/14 06:22	1
Pyrene	ND		5.0	0.041	ug/L		09/08/14 08:29	09/11/14 06:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*52 - 151*	*09/08/14 08:29*	*09/11/14 06:22*	*1*
2-Fluorobiphenyl	*85*		*44 - 120*	*09/08/14 08:29*	*09/11/14 06:22*	*1*
2-Fluorophenol	*45*		*17 - 120*	*09/08/14 08:29*	*09/11/14 06:22*	*1*
Nitrobenzene-d5	*76*		*42 - 120*	*09/08/14 08:29*	*09/11/14 06:22*	*1*
Phenol-d5	*33*		*10 - 120*	*09/08/14 08:29*	*09/11/14 06:22*	*1*
p-Terphenyl-d14	*106*		*22 - 125*	*09/08/14 08:29*	*09/11/14 06:22*	*1*

Lab Sample ID: LCS 480-201220/2-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	32.6		ug/L		65	44 - 142
1,2-Dichlorobenzene	50.0	28.0		ug/L		56	32 - 129
1,3-Dichlorobenzene	50.0	26.3		ug/L		53	1 - 172
1,4-Dichlorobenzene	50.0	27.2		ug/L		54	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	34.5		ug/L		69	36 - 166
2,4,6-Trichlorophenol	50.0	51.5		ug/L		103	37 - 144
2,4-Dichlorophenol	50.0	45.4		ug/L		91	39 - 135
2,4-Dimethylphenol	50.0	40.7		ug/L		81	32 - 119
2,4-Dinitrophenol	100	112		ug/L		112	1 - 191
2,4-Dinitrotoluene	50.0	53.5		ug/L		107	39 - 139
2,6-Dinitrotoluene	50.0	52.5		ug/L		105	50 - 158
2-Chloronaphthalene	50.0	43.8		ug/L		88	60 - 118
2-Chlorophenol	50.0	34.9		ug/L		70	23 - 134
2-Nitrophenol	50.0	40.7		ug/L		81	29 - 182
3,3'-Dichlorobenzidine	100	95.3		ug/L		95	1 - 262
4,6-Dinitro-2-methylphenol	100	110		ug/L		110	1 - 181
4-Bromophenyl phenyl ether	50.0	52.8		ug/L		106	53 - 127
4-Chloro-3-methylphenol	50.0	49.8		ug/L		100	22 - 147
4-Chlorophenyl phenyl ether	50.0	50.3		ug/L		101	25 - 158
4-Nitrophenol	100	47.1		ug/L		47	1 - 132
Acenaphthene	50.0	47.7		ug/L		95	47 - 145
Acenaphthylene	50.0	48.9		ug/L		98	33 - 145
Aniline	50.0	35.2		ug/L		70	40 - 120
Anthracene	50.0	54.4		ug/L		109	27 - 133
Benzo[a]anthracene	50.0	57.5		ug/L		115	33 - 143
Benzo[a]pyrene	50.0	57.6		ug/L		115	17 - 163
Benzo[b]fluoranthene	50.0	60.9		ug/L		122	24 - 159
Benzo[g,h,i]perylene	50.0	59.1		ug/L		118	1 - 219
Benzo[k]fluoranthene	50.0	51.4		ug/L		103	11 - 162
Bis(2-chloroethoxy)methane	50.0	40.7		ug/L		81	33 - 184
Bis(2-chloroethyl)ether	50.0	35.6		ug/L		71	12 - 158

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

Lab Sample ID: LCS 480-201220/2-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	50.0	57.6		ug/L		115	8 - 158
Butyl benzyl phthalate	50.0	54.9		ug/L		110	1 - 152
Chrysene	50.0	54.9		ug/L		110	17 - 168
Dibenz(a,h)anthracene	50.0	60.1		ug/L		120	1 - 227
Diethyl phthalate	50.0	54.2		ug/L		108	1 - 114
Dimethyl phthalate	50.0	53.0		ug/L		106	1 - 112
Di-n-butyl phthalate	50.0	58.7		ug/L		117	1 - 118
Di-n-octyl phthalate	50.0	64.3		ug/L		129	4 - 146
Fluoranthene	50.0	56.7		ug/L		113	26 - 137
Fluorene	50.0	52.2		ug/L		104	59 - 121
Hexachlorobenzene	50.0	52.6		ug/L		105	1 - 152
Hexachlorocyclopentadiene	50.0	26.6		ug/L		53	5 - 120
Hexachloroethane	50.0	24.5		ug/L		49	40 - 113
Indeno[1,2,3-cd]pyrene	50.0	58.7		ug/L		117	1 - 171
Isophorone	50.0	43.1		ug/L		86	21 - 196
Naphthalene	50.0	37.9		ug/L		76	21 - 133
Nitrobenzene	50.0	37.7		ug/L		75	35 - 180
N-Nitrosodi-n-propylamine	50.0	39.3		ug/L		79	1 - 230
N-Nitrosodiphenylamine	100	105		ug/L		105	54 - 125
Pentachlorophenol	100	102		ug/L		102	14 - 176
Phenanthrene	50.0	54.4		ug/L		109	54 - 120
Phenol	50.0	17.2		ug/L		34	5 - 112
Pyrene	50.0	53.4		ug/L		107	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*105*		*52 - 151*
2-Fluorobiphenyl	*91*		*44 - 120*
2-Fluorophenol	*43*		*17 - 120*
Nitrobenzene-d5	*73*		*42 - 120*
Phenol-d5	*32*		*10 - 120*
p-Terphenyl-d14	*105*		*22 - 125*

Lab Sample ID: LCSD 480-201220/3-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 201220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	50.0	30.9		ug/L		62	44 - 142	5	34
1,2-Dichlorobenzene	50.0	27.7		ug/L		55	32 - 129	1	38
1,3-Dichlorobenzene	50.0	25.7		ug/L		51	1 - 172	2	37
1,4-Dichlorobenzene	50.0	26.1		ug/L		52	20 - 124	4	40
2,2'-oxybis[1-chloropropane]	50.0	34.7		ug/L		69	36 - 166	1	36
2,4,6-Trichlorophenol	50.0	51.0		ug/L		102	37 - 144	1	20
2,4-Dichlorophenol	50.0	44.6		ug/L		89	39 - 135	2	23
2,4-Dimethylphenol	50.0	40.4		ug/L		81	32 - 119	1	18
2,4-Dinitrophenol	100	116		ug/L		116	1 - 191	4	29
2,4-Dinitrotoluene	50.0	54.0		ug/L		108	39 - 139	1	20
2,6-Dinitrotoluene	50.0	52.9		ug/L		106	50 - 158	1	17

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

Lab Sample ID: LCSD 480-201220/3-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 201220

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene			50.0	42.8		ug/L		86	60 - 118	2	30
2-Chlorophenol			50.0	35.9		ug/L		72	23 - 134	3	26
2-Nitrophenol			50.0	41.0		ug/L		82	29 - 182	1	28
3,3'-Dichlorobenzidine			100	96.1		ug/L		96	1 - 262	1	31
4,6-Dinitro-2-methylphenol			100	114		ug/L		114	1 - 181	4	30
4-Bromophenyl phenyl ether			50.0	53.2		ug/L		106	53 - 127	1	16
4-Chloro-3-methylphenol			50.0	49.3		ug/L		99	22 - 147	1	16
4-Chlorophenyl phenyl ether			50.0	50.3		ug/L		101	25 - 158	0	15
4-Nitrophenol			100	48.9		ug/L		49	1 - 132	4	24
Acenaphthene			50.0	46.9		ug/L		94	47 - 145	2	25
Acenaphthylene			50.0	47.9		ug/L		96	33 - 145	2	22
Aniline			50.0	34.6		ug/L		69	40 - 120	2	30
Anthracene			50.0	54.4		ug/L		109	27 - 133	0	15
Benzo[a]anthracene			50.0	57.5		ug/L		115	33 - 143	0	15
Benzo[a]pyrene			50.0	57.7		ug/L		115	17 - 163	0	15
Benzo[b]fluoranthene			50.0	61.9		ug/L		124	24 - 159	2	17
Benzo[g,h,i]perylene			50.0	58.0		ug/L		116	1 - 219	2	19
Benzo[k]fluoranthene			50.0	51.0		ug/L		102	11 - 162	1	19
Bis(2-chloroethoxy)methane			50.0	41.2		ug/L		82	33 - 184	1	23
Bis(2-chloroethyl)ether			50.0	36.7		ug/L		73	12 - 158	3	33
Bis(2-ethylhexyl) phthalate			50.0	58.4		ug/L		117	8 - 158	1	15
Butyl benzyl phthalate			50.0	55.7		ug/L		111	1 - 152	1	15
Chrysene			50.0	55.0		ug/L		110	17 - 168	0	15
Dibenz(a,h)anthracene			50.0	58.9		ug/L		118	1 - 227	2	18
Diethyl phthalate			50.0	54.0		ug/L		108	1 - 114	0	15
Dimethyl phthalate			50.0	52.9		ug/L		106	1 - 112	0	15
Di-n-butyl phthalate			50.0	58.7		ug/L		117	1 - 118	0	15
Di-n-octyl phthalate			50.0	64.4		ug/L		129	4 - 146	0	15
Fluoranthene			50.0	56.8		ug/L		114	26 - 137	0	15
Fluorene			50.0	50.7		ug/L		101	59 - 121	3	18
Hexachlorobenzene			50.0	53.0		ug/L		106	1 - 152	1	15
Hexachlorocyclopentadiene			50.0	26.4		ug/L		53	5 - 120	1	50
Hexachloroethane			50.0	23.1		ug/L		46	40 - 113	6	43
Indeno[1,2,3-cd]pyrene			50.0	58.1		ug/L		116	1 - 171	1	17
Isophorone			50.0	42.8		ug/L		86	21 - 196	1	21
Naphthalene			50.0	36.7		ug/L		73	21 - 133	3	31
Nitrobenzene			50.0	37.5		ug/L		75	35 - 180	1	27
N-Nitrosodi-n-propylamine			50.0	38.7		ug/L		77	1 - 230	2	23
N-Nitrosodiphenylamine			100	105		ug/L		105	54 - 125	0	15
Pentachlorophenol			100	102		ug/L		102	14 - 176	0	21
Phenanthrene			50.0	54.5		ug/L		109	54 - 120	0	16
Phenol			50.0	18.4		ug/L		37	5 - 112	7	36
Pyrene			50.0	52.4		ug/L		105	52 - 115	2	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 151*
2-Fluorobiphenyl	*90*		*44 - 120*
2-Fluorophenol	*45*		*17 - 120*

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

Lab Sample ID: LCSD 480-201220/3-A
Matrix: Water
Analysis Batch: 201685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 201220

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	74		42 - 120
Phenol-d5	34		10 - 120
p-Terphenyl-d14	104		22 - 125

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

Lab Sample ID: MB 480-201308/1-A
Matrix: Water
Analysis Batch: 201454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201308

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		09/08/14 13:58	09/09/14 11:31	1
PCB-1221	ND		0.060	0.038	ug/L		09/08/14 13:58	09/09/14 11:31	1
PCB-1232	ND		0.060	0.038	ug/L		09/08/14 13:58	09/09/14 11:31	1
PCB-1242	ND		0.060	0.038	ug/L		09/08/14 13:58	09/09/14 11:31	1
PCB-1248	0.137		0.060	0.038	ug/L		09/08/14 13:58	09/09/14 11:31	1
PCB-1254	ND		0.060	0.031	ug/L		09/08/14 13:58	09/09/14 11:31	1
PCB-1260	ND		0.060	0.031	ug/L		09/08/14 13:58	09/09/14 11:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		10 - 158	09/08/14 13:58	09/09/14 11:31	1
Tetrachloro-m-xylene	86		25 - 151	09/08/14 13:58	09/09/14 11:31	1

Lab Sample ID: LCS 480-201308/2-A
Matrix: Water
Analysis Batch: 201454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201308

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.896		ug/L		90	40 - 142
PCB-1260	1.00	0.993		ug/L		99	34 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	57		10 - 158
Tetrachloro-m-xylene	98		25 - 151

Lab Sample ID: 480-66680-1 MS
Matrix: Water
Analysis Batch: 201454

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA
Prep Batch: 201308

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		2.00	1.84		ug/L		92	41 - 154
PCB-1260	ND		2.00	2.04		ug/L		102	26 - 142

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	81		10 - 158
Tetrachloro-m-xylene	100		25 - 151

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

Lab Sample ID: 480-66680-1 MSD
Matrix: Water
Analysis Batch: 201454

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA
Prep Batch: 201308

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2.00	1.81		ug/L		90	41 - 154	2	30
PCB-1260	ND		2.00	1.78		ug/L		89	26 - 142	14	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*10 - 158*
Tetrachloro-m-xylene	*98*		*25 - 151*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-200971/1-A
Matrix: Water
Analysis Batch: 201434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		09/05/14 10:35	09/05/14 20:06	1
Copper	ND		0.010	0.0016	mg/L		09/05/14 10:35	09/05/14 20:06	1
Lead	ND		0.0050	0.0030	mg/L		09/05/14 10:35	09/05/14 20:06	1
Nickel	ND		0.010	0.0013	mg/L		09/05/14 10:35	09/05/14 20:06	1

Lab Sample ID: MB 480-200971/1-A
Matrix: Water
Analysis Batch: 202058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		09/05/14 10:35	09/11/14 13:51	1

Lab Sample ID: LCS 480-200971/2-A
Matrix: Water
Analysis Batch: 201434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.199		mg/L		100	85 - 115
Copper	0.200	0.209		mg/L		105	85 - 115
Lead	0.200	0.202		mg/L		101	85 - 115
Nickel	0.200	0.201		mg/L		101	85 - 115

Lab Sample ID: LCS 480-200971/2-A
Matrix: Water
Analysis Batch: 202559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.230		mg/L		115	85 - 115

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 480-66680-1 MS
Matrix: Water
Analysis Batch: 201434

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA
Prep Batch: 200971

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.0018	J	0.200	0.178		mg/L		88	70 - 130
Copper	0.010		0.200	0.198		mg/L		94	70 - 130
Lead	0.0049	J	0.200	0.189		mg/L		92	70 - 130
Nickel	0.0014	J	0.200	0.185		mg/L		92	70 - 130

Lab Sample ID: 480-66680-1 MS
Matrix: Water
Analysis Batch: 202058

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA
Prep Batch: 200971

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.0087	J	0.200	0.248		mg/L		120	70 - 130

Lab Sample ID: 480-66680-1 MSD
Matrix: Water
Analysis Batch: 201434

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA
Prep Batch: 200971

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	0.0018	J	0.200	0.201		mg/L		99	70 - 130	12	20
Copper	0.010		0.200	0.223		mg/L		106	70 - 130	12	20
Lead	0.0049	J	0.200	0.214		mg/L		105	70 - 130	12	20
Nickel	0.0014	J	0.200	0.209		mg/L		104	70 - 130	12	20

Lab Sample ID: 480-66680-1 MSD
Matrix: Water
Analysis Batch: 202058

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA
Prep Batch: 200971

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	0.0087	J	0.200	0.247		mg/L		119	70 - 130	0	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-201326/1-A
Matrix: Water
Analysis Batch: 202034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/08/14 08:46	09/11/14 20:18	1

Lab Sample ID: LCS 480-201326/2-A
Matrix: Water
Analysis Batch: 202034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.0950		mg/L		95	90 - 110

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

Lab Sample ID: MB 480-201173/1
Matrix: Water
Analysis Batch: 201173

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		4.0	4.0	mg/L			09/09/14 10:13	1

Lab Sample ID: LCS 480-201173/2
Matrix: Water
Analysis Batch: 201173

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			271	255.6		mg/L		94	88 - 110		

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-201043/23
Matrix: Water
Analysis Batch: 201043

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 480-201483/27
Matrix: Water
Analysis Batch: 201483

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			09/09/14 10:59	1

Lab Sample ID: LCS 480-201483/28
Matrix: Water
Analysis Batch: 201483

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	0.187		mg/L as P		93	90 - 110		

Lab Sample ID: 480-66680-1 MS
Matrix: Water
Analysis Batch: 201483

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phosphorus	0.15		0.500	0.659		mg/L as P		101	52 - 148		

Lab Sample ID: 480-66680-1 MSD
Matrix: Water
Analysis Batch: 201483

Client Sample ID: BCC BSA SUMP 9014
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phosphorus	0.15		0.500	0.652		mg/L as P		100	52 - 148	1	20

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-201007/1
Matrix: Water
Analysis Batch: 201007

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			09/05/14 08:38	1

Lab Sample ID: LCS 480-201007/2
Matrix: Water
Analysis Batch: 201007

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	182.7		mg/L		92	85 - 115		

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

GC/MS VOA

Analysis Batch: 201190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	624	
480-66680-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-201190/6	Lab Control Sample	Total/NA	Water	624	
MB 480-201190/8	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 201220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	625	
LCS 480-201220/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-201220/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-201220/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 201685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	625	201220
LCS 480-201220/2-A	Lab Control Sample	Total/NA	Water	625	201220
LCSD 480-201220/3-A	Lab Control Sample Dup	Total/NA	Water	625	201220
MB 480-201220/1-A	Method Blank	Total/NA	Water	625	201220

GC Semi VOA

Prep Batch: 201308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	3510C	
480-66680-1 MS	BCC BSA SUMP 9014	Total/NA	Water	3510C	
480-66680-1 MSD	BCC BSA SUMP 9014	Total/NA	Water	3510C	
LCS 480-201308/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-201308/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 201454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	608	201308
480-66680-1 MS	BCC BSA SUMP 9014	Total/NA	Water	608	201308
480-66680-1 MSD	BCC BSA SUMP 9014	Total/NA	Water	608	201308
LCS 480-201308/2-A	Lab Control Sample	Total/NA	Water	608	201308
MB 480-201308/1-A	Method Blank	Total/NA	Water	608	201308

Metals

Prep Batch: 200971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	200.7	
480-66680-1 MS	BCC BSA SUMP 9014	Total/NA	Water	200.7	
480-66680-1 MSD	BCC BSA SUMP 9014	Total/NA	Water	200.7	
LCS 480-200971/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-200971/1-A	Method Blank	Total/NA	Water	200.7	

Metals (Continued)

Prep Batch: 201398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	245.1	

Analysis Batch: 201434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	200.7 Rev 4.4	200971
480-66680-1 MS	BCC BSA SUMP 9014	Total/NA	Water	200.7 Rev 4.4	200971
480-66680-1 MSD	BCC BSA SUMP 9014	Total/NA	Water	200.7 Rev 4.4	200971
LCS 480-200971/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	200971
MB 480-200971/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	200971

Analysis Batch: 201589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	245.1	201398

Analysis Batch: 202058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	200.7 Rev 4.4	200971
480-66680-1 MS	BCC BSA SUMP 9014	Total/NA	Water	200.7 Rev 4.4	200971
480-66680-1 MSD	BCC BSA SUMP 9014	Total/NA	Water	200.7 Rev 4.4	200971
MB 480-200971/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	200971

Analysis Batch: 202559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-200971/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	200971

General Chemistry

Analysis Batch: 201007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	SM 5210B	
LCS 480-201007/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-201007/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 201043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	SM 4500 H+ B	
LCS 480-201043/23	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 201173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	SM 2540D	
LCS 480-201173/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-201173/1	Method Blank	Total/NA	Water	SM 2540D	

Prep Batch: 201326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	Distill/Phenol	
LCS 480-201326/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-201326/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

General Chemistry (Continued)

Analysis Batch: 201483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	SM 4500 P E	
480-66680-1 MS	BCC BSA SUMP 9014	Total/NA	Water	SM 4500 P E	
480-66680-1 MSD	BCC BSA SUMP 9014	Total/NA	Water	SM 4500 P E	
LCS 480-201483/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-201483/27	Method Blank	Total/NA	Water	SM 4500 P E	

Analysis Batch: 201978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 202034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66680-1	BCC BSA SUMP 9014	Total/NA	Water	420.4	201326
LCS 480-201326/2-A	Lab Control Sample	Total/NA	Water	420.4	201326
MB 480-201326/1-A	Method Blank	Total/NA	Water	420.4	201326

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Client Sample ID: BCC BSA SUMP 9014

Lab Sample ID: 480-66680-1

Date Collected: 09/04/14 10:30

Matrix: Water

Date Received: 09/04/14 17:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	201190	09/08/14 07:46	NMD1	TAL BUF
Total/NA	Prep	625			201220	09/08/14 08:29	TRG	TAL BUF
Total/NA	Analysis	625		1	201685	09/11/14 07:57	DMR	TAL BUF
Total/NA	Prep	3510C			201308	09/08/14 13:58	RJS	TAL BUF
Total/NA	Analysis	608		1	201454	09/09/14 13:38	DLE	TAL BUF
Total/NA	Prep	200.7			200971	09/05/14 10:35	SLB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	202058	09/11/14 14:11	AMH	TAL BUF
Total/NA	Prep	200.7			200971	09/05/14 10:35	SLB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	201434	09/05/14 20:59	LMH	TAL BUF
Total/NA	Prep	245.1			201398	09/09/14 09:10	LRK	TAL BUF
Total/NA	Analysis	245.1		1	201589	09/09/14 17:08	LRK	TAL BUF
Total/NA	Prep	Distill/Phenol			201326	09/08/14 08:46	RP	TAL BUF
Total/NA	Analysis	420.4		1	202034	09/11/14 21:44	JMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	201173	09/09/14 11:04	KJ1	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	201978	09/11/14 16:15	JFR	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	201043	09/05/14 13:12	VAJ	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	201483	09/09/14 10:59	KMF	TAL BUF
Total/NA	Analysis	SM 5210B		1	201007	09/05/14 08:38	MDL	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-66680-2

Date Collected: 09/04/14 00:00

Matrix: Water

Date Received: 09/04/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	201190	09/08/14 08:11	NMD1	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but 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: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

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
420.4	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: Monthly BSA SUMP

TestAmerica Job ID: 480-66680-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-66680-1	BCC BSA SUMP 9014	Water	09/04/14 10:30	09/04/14 17:17
480-66680-2	TRIP BLANK	Water	09/04/14 00:00	09/04/14 17:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 9-4-14	COC No: 277476-0914
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W)			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week			
Site: Buffalo Color - NY7A9728	[ ] 2 days			
PO# 52954	[ ] 1 day			

480-66680 Chain of Custody

EW-4:
EW-5:
Composite Percent (%)
DC-1:
DC-2:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7, 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH	Sample Specific Notes:
BCC_BSA_Sump_ 0914			C	W	19	N	1	1	1	8	2	2	1	1	1	1	Lab to composite 624 for BCC BSA Sump samples prior to analysis
Trip Blank	N/A	N/A	N/A	N/A						2							
Container Volume (ml)							250	250	250	40	1000	1000	1000	500	250	125	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P	

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	9/4/14 1700	[signature]	TAS	9-4-14 1700
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#2 4.1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-66680-1

Login Number: 66680

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

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

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

		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					
Date	Associate	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	Containment Line Pressure Gauge Checks	Comments
7/4/2014	TW	47	39	33	30	41	25	24.5	20	10	10	6	7.08	23	13.8	9,844,479	22	17.1	7,108,228	7	10	5	3	0	y	
7/11/2014	TW	50	49	34	29	50	10	8.88	10	2	3	2	7.23	23	8	9,920,093	23	19.2	7,198,364	9	10	5	3	0	y	
7/17/2014	TW	47	41	33	30	41	30	21.2	28	8	8	5	7.03	22	12.6	9,920,639	22	22.3	7,231,274	14	10	8	4	2	y	
7/28/2014	TW	45	38	34	28	38	26	25.9	21	12	12	7	6.84	22	23.1	9,920,639	21	24.8	7,279,655	15	7	0	8	0	y	
8/8/2014	TW	45	40	0	0	39	26	27.9	21	13	13	8	6.98	22	27.1	9,998,181	18	0	7,292,473	0	9	0	3	0	y	
8/15/2014	TW	48	43	33	19	47	14	15.2	13	5	5	4	7.18	21	26.5	10,076,248	18	26.4	7,303,983	17	8	10	3	1	y	
8/22/2014	TW	46	40	33	20	40	25	27.8	20	14	13	8	6.84	21	24.5	10,151,035	17	27.7	7,365,674	18	8	10	3	1	y	
8/27/2014	TW	49	22	33	22	25	5	9.39	8	0	3	2	7.11	21	25	10,205,754	17	28.6	7,407,026	20	8	11	3	1	y	
9/5/2014	TW	47	43	33	23	43	21	22	20	9	9	6	7.23	21	24.6	10,274,531	17	29.1	7,460,225	21	8	11	3	1	y	
9/12/2014	TW	45	40	32	18	40	26	25.5	20	12	11	8	6.77	21	23.4	10,349,829	17	23.3	7,518,471	15	8	11	3	1	y	
9/19/2014	TW	48	39	33	23	41	13	13.1	10	4	5	4	7.26	21	23.1	10,409,432	17	28.7	7,559,792	20	8	12	3	1	y	
9/26/2014	TW	46	39	32	20	40	25	26.5	19	12	12	8	6.8	21	21	10,482,485	18	25.2	7,609,007	16	8	9	3	1	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
7/1/2014									1	1			
7/2/2014					1	1							
7/3/2014							1	1	1				
7/4/2014													
7/5/2014													
7/6/2014													
7/7/2014								1	1			1	Cleaned Tank #10
7/8/2014										1			
7/9/2014								1	1	1			
7/10/2014													
7/11/2014								1	1	1			
7/12/2014													
7/13/2014													
7/14/2014					1	1	1	1	1	1		1	
7/15/2014													
7/16/2014									1	1	1	1	Changed EW4 Pump
7/17/2014								1				1	
7/18/2014													
7/19/2014													
7/20/2014													
7/21/2014								1	1	1			
7/22/2014								1	1	1			
7/23/2014													
7/24/2014													
7/25/2014													
7/26/2014													
7/27/2014													
7/28/2014					1	1	1	1	1	1	1	1	
7/29/2014									1	1			
7/30/2014													
7/31/2014													
8/1/2014								1	1	1			
8/2/2014													
8/3/2014													
8/4/2014								1	1	1			
8/5/2014										1			
8/6/2014								1	1	1			
8/7/2014										1			
8/8/2014								1	1	1			
8/9/2014													
8/10/2014													
8/11/2014					1			1	1	1			
8/12/2014										1			
8/13/2014								1	1	1			
8/14/2014										1			
8/15/2014					1	1		1	1	1			
8/16/2014													
8/17/2014													
8/18/2014								1	1	1	1	1	
8/19/2014										1			
8/20/2014								1	1	1			
8/21/2014									1	1			
8/22/2014					1	1		1	1	1			
8/23/2014													

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
8/24/2014													
8/25/2014					1	1	1	1	1	1	1	1	Sump sample
8/26/2014									1	1			
8/27/2014					1	1		1	1	1			
8/28/2014													
8/29/2014													
8/30/2014													
8/31/2014													
9/1/2014													
9/2/2014								1	1	2	1		
9/3/2014										1			
9/4/2014								1	1	1			
9/5/2014					1	1	1	1	1	1	1	1	
9/6/2014													
9/7/2014													
9/8/2014								1	1	1			
9/9/2014								1	1		1	1	
9/10/2014										1			
9/11/2014					1	1		1	1	1			New EW5 Pump, Motor OK
9/12/2014					1	1		1	1	1			
9/13/2014													
9/14/2014													
9/15/2014								1	1	1	1	1	
9/16/2014													
9/17/2014								1	1	1			
9/18/2014							1		1		1		
9/19/2014					1	1		1	1	1			
9/20/2014													
9/21/2014													
9/22/2014								1	1	1	1	1	
9/23/2014									1				Ran Area D Wells
9/24/2014								1	1	1			Ran Area D Wells
9/25/2014											1		
9/26/2014					1	1		1	1	1			
9/27/2014													
9/28/2014													
9/29/2014								1	1	1	1		
9/30/2014									1				

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

January 31, 2015

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: 0913-OMM

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 October 2014 through December 2014. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #14-06BU109.

Included with the report are:

- Operation log sheets;
- 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,

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

cc:

Richard Galloway	Honeywell
Eugene Melnyk	NYSDEC Region 9
John Yensan	South Buffalo Development, LLC
Daniel Forlastro	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 2014 through December 2014

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 2014	508,853 gallons
November 2014	478,330 gallons
December 2014	558,877 gallons

Total Quarterly Discharge 1,546,061 gallons

Estimated Area D contribution this period:
14,350 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.

Andrew D. Madden
Project Engineer

Ontario Specialty Contracting, Inc.

Attachments:
Monitoring and Sampling Schematic, Field Data Collection Sheets, and Laboratory Analytical Results

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	14-06-BU109	Effective June 1, 2014
Sample Date:	11/25/2014	Quarter: 4Q
Sample Location:	Onsite Pump Station to BSA	

Year: 2014
Sample Frequency Quarterly
Sample Month NOV

Event Group: SUMP
Lab Job ID: J71972-1

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	8.85	0.100	SU	8.85	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	13.30	2.0	mg/L	13.3	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.01	0.010	mg/L	0.001	lbs/day	1.67	lbs/day	Yes	20	0.010	Yes
Total Chromium	7440-47-3	0.00	0.0040	mg/L	0.0004	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.01	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0052	Yes
Lead	7439-92-1	0.01	0.0050	mg/L	0.0012	lbs/day	0.541	lbs/day	Yes	65	0.0085	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	0.00	0.010	mg/L	0.0003	lbs/day	1.17	lbs/day	Yes	14	0.0018	Yes
Zinc	7440-66-6	0.01	0.010	mg/L	0.002	lbs/day	2.046	lbs/day	Yes	25	0.013	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	28.0	1900	ug/L	0.0039	lbs/day	50	lbs/day	Yes			
Benzene	71-43-2	6.5	25	ug/L	0.0009	lbs/day	0.059	lbs/day	Yes	0.142	0.007	Yes
Chlorobenzene	108-90-7	62.0	25	ug/L	0.0087	lbs/day	0.129	lbs/day	Yes	0.31	0.06	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	62	25	ug/L	0.062	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	11.2	4.0	mg/L	11.2	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.170	0.010	mg/L	0.170	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	11.67	-	gpm	16,805	gpd	50,000	gpd	Yes			

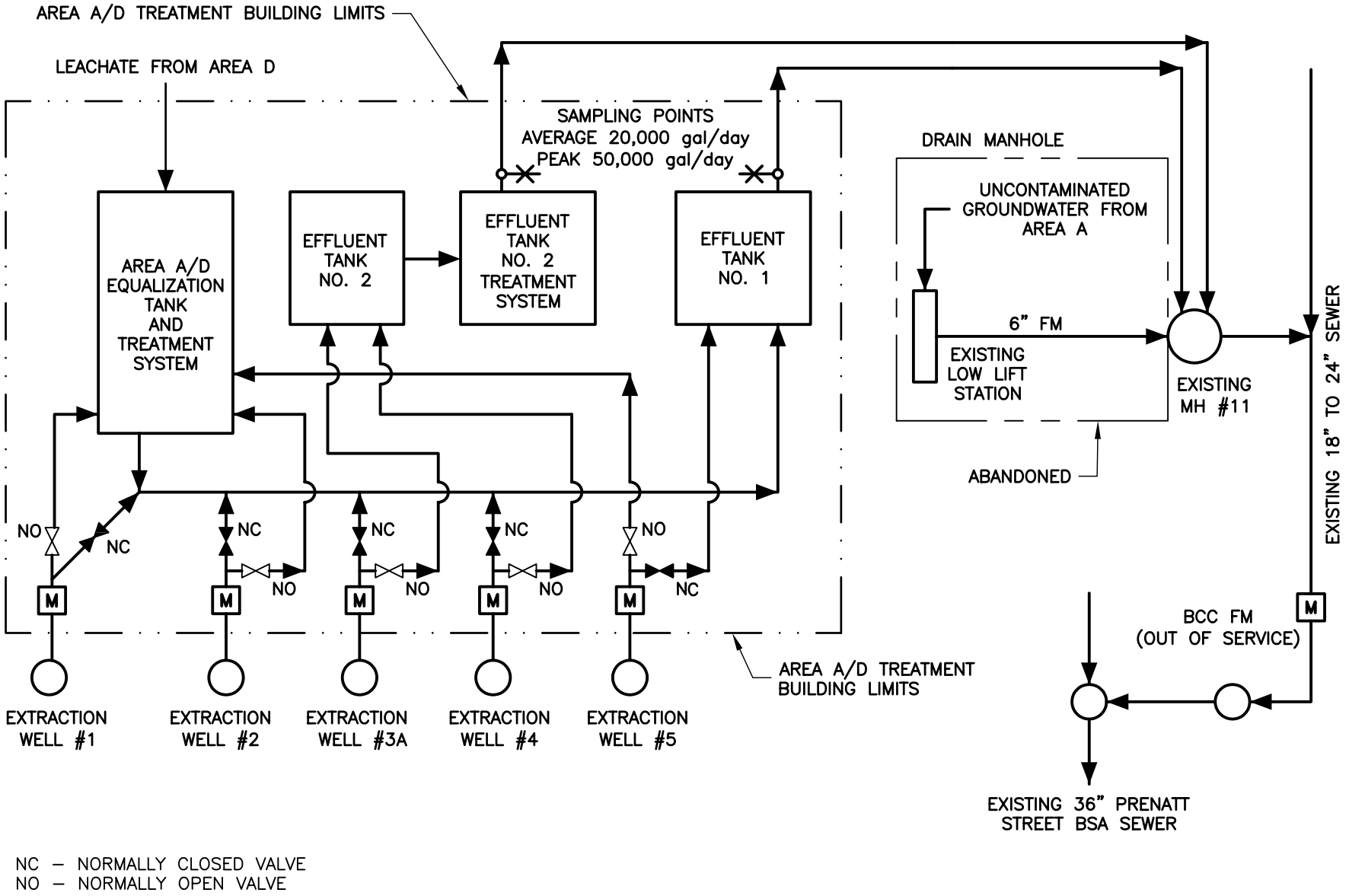
*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L.
**Analyzed by total phosphorus method SM 4500-P E
MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations

Combined Effluent No. 1 and No. 2 Flow Totals (gallons)

Initial Reading	18,179,358	10/1/2014
Final Reading	19,725,419	12/31/2014
Total Days in Period	92	
Total Flow for Period	**1,546,061**	gallons
Average Flow for Period	**11.67**	gpm

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

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: 480-71972-1
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:
12/17/2014 11:38:38 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
b	Result Detected in the Unseeded Control blank (USB).
H	Sample was prepped or analyzed beyond the specified holding time
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.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-71972-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-71972-1

Comments
No additional comments.

Receipt
The samples were received on 11/25/2014 4:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4º C.

GC/MS VOA
Method(s) 624: The following sample was composited by the laboratory on 12/1/14 as requested on the chain-of-custody: BCC BSA SUMP (480-71972-1).

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 (480-71972-1), TRIP BLANK (480-71972-2). The requested target analyte list contains 2-chloroethylvinyl ether which is an acid-labile compound that degrades 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
Method(s) 625: The laboratory control sample duplicate (LCSD) for batch 216205 recovered outside control limits for the following analyte(s): Benzidine. A LCSD is not required when analyzing under this method. Benzidine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. <<INCLUDE IF APPLICABLE>> Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method(s) 625: The laboratory control sample duplicate (LCSD) for batch 216205 recovered outside control limits for the following analyte: Benzidine. A LCSD is not required when analyzing under this method. Benzidine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

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

GC Semi VOA
Method(s) 608: The continuing calibration verification (CCV) associated with batch 216527 recovered above the upper control limit for Aroclor 1016 and 1260. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-216527/35), (CCV 480-216527/44), BCC BSA SUMP (480-71972-1).

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.

General Chemistry
Method(s) SM 5210B: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to low QC recovery in batch 216033 : BCC BSA SUMP (480-71972-1).

Method(s) SM 5210B: The glucose-glutamic acid standard recovered outside the recovery limits specified in the method in batch 216033.BCC BSA SUMP (480-71972-1)

Method(s) SM 5210B: The USB dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results in batch 216977 are reported. (USB 480-216977/1)

Method(s) 9040C, SM 4500 H+ B: The following sample(s) was received outside of holding time: BCC BSA SUMP (480-71972-1).

Job ID: 480-71972-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

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 batch 216430.

Method(s) 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 216205.

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: 480-71972-1

Client Sample ID: BCC BSA SUMP — Lab Sample ID: 480-71972-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.5		5.0	0.60	ug/L	1		624	Total/NA
Chlorobenzene	62		5.0	0.48	ug/L	1		624	Total/NA
Aniline	28		9.6	1.4	ug/L	1		625	Total/NA
Chromium	0.0032	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0052	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0085		0.0050	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0018	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.013	B	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0096	J	0.010	0.0050	mg/L	1		420.4	Total/NA
Cyanide, Amenable	0.040		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Phosphorus	0.17		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	5.1	*	2.0	2.0	mg/L	1		SM 5210B	Total/NA
Biochemical Oxygen Demand	13.3	H 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	11.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.85	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-71972-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-71972-1

Client Sample ID: BCC BSA SUMP
Date Collected: 11/25/14 13:30
Date Received: 11/25/14 16:30

Lab Sample ID: 480-71972-1
Matrix: Water

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			12/01/14 20:33	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/01/14 20:33	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/01/14 20:33	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/01/14 20:33	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/01/14 20:33	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/01/14 20:33	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/01/14 20:33	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/01/14 20:33	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/01/14 20:33	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/01/14 20:33	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/01/14 20:33	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/01/14 20:33	1
Acrolein	ND		100	17	ug/L			12/01/14 20:33	1
Acrylonitrile	ND		50	1.9	ug/L			12/01/14 20:33	1
Benzene	**6.5**		5.0	0.60	ug/L			12/01/14 20:33	1
Bromoform	ND		5.0	0.47	ug/L			12/01/14 20:33	1
Bromomethane	ND		5.0	1.2	ug/L			12/01/14 20:33	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/01/14 20:33	1
Chlorobenzene	**62**		5.0	0.48	ug/L			12/01/14 20:33	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/01/14 20:33	1
Chloroethane	ND		5.0	0.87	ug/L			12/01/14 20:33	1
Chloroform	ND		5.0	0.54	ug/L			12/01/14 20:33	1
Chloromethane	ND		5.0	0.64	ug/L			12/01/14 20:33	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/01/14 20:33	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/01/14 20:33	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/01/14 20:33	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/01/14 20:33	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/01/14 20:33	1
Toluene	ND		5.0	0.45	ug/L			12/01/14 20:33	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/01/14 20:33	1
Trichloroethene	ND		5.0	0.60	ug/L			12/01/14 20:33	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/01/14 20:33	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/01/14 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 130*		*12/01/14 20:33*	*1*
4-Bromofluorobenzene (Surr)	*90*		*69 - 121*		*12/01/14 20:33*	*1*
Toluene-d8 (Surr)	*107*		*70 - 123*		*12/01/14 20:33*	*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	0.78	ug/L		11/26/14 14:18	12/06/14 03:35	1
1,2-Dichlorobenzene	ND		9.6	4.8	ug/L		11/26/14 14:18	12/06/14 03:35	1
1,2-Diphenylhydrazine	ND		9.6	0.75	ug/L		11/26/14 14:18	12/06/14 03:35	1
1,3-Dichlorobenzene	ND		9.6	0.66	ug/L		11/26/14 14:18	12/06/14 03:35	1
1,4-Dichlorobenzene	ND		9.6	4.8	ug/L		11/26/14 14:18	12/06/14 03:35	1
2,2'-oxybis[1-chloropropane]	ND		4.8	0.80	ug/L		11/26/14 14:18	12/06/14 03:35	1
2,4,6-Trichlorophenol	ND		4.8	0.96	ug/L		11/26/14 14:18	12/06/14 03:35	1
2,4-Dichlorophenol	ND		4.8	0.74	ug/L		11/26/14 14:18	12/06/14 03:35	1
2,4-Dimethylphenol	ND		4.8	1.3	ug/L		11/26/14 14:18	12/06/14 03:35	1

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

TestAmerica Job ID: 480-71972-1

Client Sample ID: BCC BSA SUMP
Date Collected: 11/25/14 13:30
Date Received: 11/25/14 16:30

Lab Sample ID: 480-71972-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.6	4.8	ug/L		11/26/14 14:18	12/06/14 03:35	1
2,4-Dinitrotoluene	ND		4.8	4.8	ug/L		11/26/14 14:18	12/06/14 03:35	1
2,6-Dinitrotoluene	ND		4.8	0.96	ug/L		11/26/14 14:18	12/06/14 03:35	1
2-Chloronaphthalene	ND		4.8	0.87	ug/L		11/26/14 14:18	12/06/14 03:35	1
2-Chlorophenol	ND		4.8	0.63	ug/L		11/26/14 14:18	12/06/14 03:35	1
2-Nitrophenol	ND		4.8	0.67	ug/L		11/26/14 14:18	12/06/14 03:35	1
3,3'-Dichlorobenzidine	ND		4.8	0.79	ug/L		11/26/14 14:18	12/06/14 03:35	1
4,6-Dinitro-2-methylphenol	ND		9.6	0.63	ug/L		11/26/14 14:18	12/06/14 03:35	1
4-Bromophenyl phenyl ether	ND		4.8	1.3	ug/L		11/26/14 14:18	12/06/14 03:35	1
4-Chloro-3-methylphenol	ND		4.8	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1
4-Chlorophenyl phenyl ether	ND		4.8	1.2	ug/L		11/26/14 14:18	12/06/14 03:35	1
4-Nitrophenol	ND		9.6	9.6	ug/L		11/26/14 14:18	12/06/14 03:35	1
Acenaphthene	ND		4.8	0.78	ug/L		11/26/14 14:18	12/06/14 03:35	1
Acenaphthylene	ND		4.8	0.83	ug/L		11/26/14 14:18	12/06/14 03:35	1
Aniline	**28**		9.6	1.4	ug/L		11/26/14 14:18	12/06/14 03:35	1
Anthracene	ND		4.8	1.3	ug/L		11/26/14 14:18	12/06/14 03:35	1
Benzidine	ND	*	77	33	ug/L		11/26/14 14:18	12/06/14 03:35	1
Benzo[a]anthracene	ND		4.8	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1
Benzo[a]pyrene	ND		4.8	1.2	ug/L		11/26/14 14:18	12/06/14 03:35	1
Benzo[b]fluoranthene	ND		4.8	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1
Benzo[g,h,i]perylene	ND		4.8	1.4	ug/L		11/26/14 14:18	12/06/14 03:35	1
Benzo[k]fluoranthene	ND		4.8	1.2	ug/L		11/26/14 14:18	12/06/14 03:35	1
Bis(2-chloroethoxy)methane	ND		4.8	0.72	ug/L		11/26/14 14:18	12/06/14 03:35	1
Bis(2-chloroethyl)ether	ND		4.8	0.89	ug/L		11/26/14 14:18	12/06/14 03:35	1
Bis(2-ethylhexyl) phthalate	ND		9.6	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1
Butyl benzyl phthalate	ND		4.8	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1
Chrysene	ND		4.8	0.96	ug/L		11/26/14 14:18	12/06/14 03:35	1
Decane	ND	*	9.6	1.5	ug/L		11/26/14 14:18	12/06/14 03:35	1
Dibenz(a,h)anthracene	ND		4.8	1.4	ug/L		11/26/14 14:18	12/06/14 03:35	1
Diethyl phthalate	ND		4.8	0.96	ug/L		11/26/14 14:18	12/06/14 03:35	1
Dimethyl phthalate	ND		4.8	0.87	ug/L		11/26/14 14:18	12/06/14 03:35	1
Di-n-butyl phthalate	ND		4.8	1.5	ug/L		11/26/14 14:18	12/06/14 03:35	1
Di-n-octyl phthalate	ND		4.8	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1
Fluoranthene	ND		4.8	1.5	ug/L		11/26/14 14:18	12/06/14 03:35	1
Fluorene	ND		4.8	0.96	ug/L		11/26/14 14:18	12/06/14 03:35	1
Hexachlorobenzene	ND		4.8	0.96	ug/L		11/26/14 14:18	12/06/14 03:35	1
Hexachlorobutadiene	ND		4.8	0.96	ug/L		11/26/14 14:18	12/06/14 03:35	1
Hexachlorocyclopentadiene	ND		4.8	4.8	ug/L		11/26/14 14:18	12/06/14 03:35	1
Hexachloroethane	ND		4.8	0.57	ug/L		11/26/14 14:18	12/06/14 03:35	1
Indeno[1,2,3-cd]pyrene	ND		4.8	1.4	ug/L		11/26/14 14:18	12/06/14 03:35	1
Isophorone	ND		4.8	0.71	ug/L		11/26/14 14:18	12/06/14 03:35	1
Naphthalene	ND		4.8	0.82	ug/L		11/26/14 14:18	12/06/14 03:35	1
Nitrobenzene	ND		4.8	0.78	ug/L		11/26/14 14:18	12/06/14 03:35	1
N-Nitrosodimethylamine	ND		9.6	4.8	ug/L		11/26/14 14:18	12/06/14 03:35	1
N-Nitrosodi-n-propylamine	ND		4.8	0.85	ug/L		11/26/14 14:18	12/06/14 03:35	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		11/26/14 14:18	12/06/14 03:35	1
n-Octadecane	ND		9.6	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1
Pentachlorophenol	ND		9.6	1.5	ug/L		11/26/14 14:18	12/06/14 03:35	1
Phenanthrene	ND		4.8	1.1	ug/L		11/26/14 14:18	12/06/14 03:35	1

Client Sample ID: BCC BSA SUMP
Date Collected: 11/25/14 13:30
Date Received: 11/25/14 16:30

Lab Sample ID: 480-71972-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		4.8	0.33	ug/L		11/26/14 14:18	12/06/14 03:35	1
Pyrene	ND		4.8	1.3	ug/L		11/26/14 14:18	12/06/14 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*52 - 151*	*11/26/14 14:18*	*12/06/14 03:35*	*1*
2-Fluorobiphenyl	*76*		*44 - 120*	*11/26/14 14:18*	*12/06/14 03:35*	*1*
2-Fluorophenol	*31*		*17 - 120*	*11/26/14 14:18*	*12/06/14 03:35*	*1*
Nitrobenzene-d5	*67*		*42 - 120*	*11/26/14 14:18*	*12/06/14 03:35*	*1*
Phenol-d5	*13*		*10 - 120*	*11/26/14 14:18*	*12/06/14 03:35*	*1*
p-Terphenyl-d14	*77*		*22 - 125*	*11/26/14 14:18*	*12/06/14 03:35*	*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		11/29/14 08:10	12/01/14 17:53	1
PCB-1221	ND		0.058	0.037	ug/L		11/29/14 08:10	12/01/14 17:53	1
PCB-1232	ND		0.058	0.037	ug/L		11/29/14 08:10	12/01/14 17:53	1
PCB-1242	ND		0.058	0.037	ug/L		11/29/14 08:10	12/01/14 17:53	1
PCB-1248	ND		0.058	0.037	ug/L		11/29/14 08:10	12/01/14 17:53	1
PCB-1254	ND		0.058	0.030	ug/L		11/29/14 08:10	12/01/14 17:53	1
PCB-1260	ND		0.058	0.030	ug/L		11/29/14 08:10	12/01/14 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*10 - 158*	*11/29/14 08:10*	*12/01/14 17:53*	*1*
Tetrachloro-m-xylene	*114*		*25 - 151*	*11/29/14 08:10*	*12/01/14 17:53*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0032**	**J**	0.0040	0.0010	mg/L		11/26/14 12:40	11/28/14 14:31	1
Copper	**0.0052**	**J**	0.010	0.0016	mg/L		11/26/14 12:40	11/28/14 14:31	1
Lead	**0.0085**		0.0050	0.0030	mg/L		11/26/14 12:40	11/28/14 14:31	1
Nickel	**0.0018**	**J**	0.010	0.0013	mg/L		11/26/14 12:40	11/28/14 14:31	1
Zinc	**0.013**	**B**	0.010	0.0015	mg/L		11/26/14 12:40	11/28/14 14:31	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		11/26/14 07:30	11/26/14 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.0096**	**J**	0.010	0.0050	mg/L		12/08/14 20:50	12/09/14 12:43	1
Cyanide, Amenable	**0.040**		0.010	0.0050	mg/L			12/04/14 12:57	1
Phosphorus	**0.17**		0.010	0.0050	mg/L as P			12/04/14 11:20	1
Biochemical Oxygen Demand	**5.1**	*****	2.0	2.0	mg/L			11/25/14 19:27	1
Biochemical Oxygen Demand	**13.3**	**H b**	2.0	2.0	mg/L			12/03/14 10:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**11.2**		4.0	4.0	mg/L			11/29/14 08:49	1
pH	**8.85**	**HF**	0.100	0.100	SU			11/27/14 02:43	1

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

TestAmerica Job ID: 480-71972-1

Client Sample ID: TRIP BLANK
Date Collected: 11/25/14 00:00
Date Received: 11/25/14 16:30

Lab Sample ID: 480-71972-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			11/27/14 02:09	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/27/14 02:09	1
m,p-Xylene	ND		10	1.1	ug/L			11/27/14 02:09	1
o-Xylene	ND		5.0	0.43	ug/L			11/27/14 02:09	1
Toluene	ND		5.0	0.45	ug/L			11/27/14 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 130*		*11/27/14 02:09*	*1*
4-Bromofluorobenzene (Surr)	*91*		*69 - 121*		*11/27/14 02:09*	*1*
Toluene-d8 (Surr)	*107*		*70 - 123*		*11/27/14 02:09*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-71972-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-71972-1	BCC BSA SUMP	108	90	107
480-71972-2	TRIP BLANK	108	91	107
LCS 480-216151/6	Lab Control Sample	103	93	108
LCS 480-216538/27	Lab Control Sample	105	93	109
MB 480-216151/8	Method Blank	107	92	106
MB 480-216538/8	Method Blank	109	91	107

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-71972-1	BCC BSA SUMP	85	76	31	67	13	77
LCS 480-216205/2-A	Lab Control Sample	84	74	40	74	31	79
LCSD 480-216205/3-A	Lab Control Sample Dup	85	81	31	72	25	84
MB 480-216205/1-A	Method Blank	75	66	27	48	28	90

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)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-158)	(25-151)
480-71972-1	BCC BSA SUMP	58	114
LCS 480-216430/2-A	Lab Control Sample	70	104
LCSD 480-216430/3-A	Lab Control Sample Dup	60	94
MB 480-216430/1-A	Method Blank	67	97

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-216151/8
Matrix: Water
Analysis Batch: 216151

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		10	1.1	ug/L			11/26/14 14:56	1
o-Xylene	ND		5.0	0.43	ug/L			11/26/14 14:56	1
Benzene	ND		5.0	0.60	ug/L			11/26/14 14:56	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/26/14 14:56	1
Toluene	ND		5.0	0.45	ug/L			11/26/14 14:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*11/26/14 14:56*	*1*
4-Bromofluorobenzene (Surr)	*92*		*69 - 121*		*11/26/14 14:56*	*1*
Toluene-d8 (Surr)	*106*		*70 - 123*		*11/26/14 14:56*	*1*

Lab Sample ID: LCS 480-216151/6
Matrix: Water
Analysis Batch: 216151

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	15.1		ug/L		75	37 - 151
Ethylbenzene	20.0	17.9		ug/L		90	37 - 162
Toluene	20.0	17.8		ug/L		89	47 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
4-Bromofluorobenzene (Surr)	*93*		*69 - 121*
Toluene-d8 (Surr)	*108*		*70 - 123*

Lab Sample ID: MB 480-216538/8
Matrix: Water
Analysis Batch: 216538

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			12/01/14 13:16	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/01/14 13:16	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/01/14 13:16	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/01/14 13:16	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/01/14 13:16	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/01/14 13:16	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/01/14 13:16	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/01/14 13:16	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/01/14 13:16	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/01/14 13:16	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/01/14 13:16	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/01/14 13:16	1
Acrolein	ND		100	17	ug/L			12/01/14 13:16	1
Acrylonitrile	ND		50	1.9	ug/L			12/01/14 13:16	1
Benzene	ND		5.0	0.60	ug/L			12/01/14 13:16	1
Bromoform	ND		5.0	0.47	ug/L			12/01/14 13:16	1
Bromomethane	ND		5.0	1.2	ug/L			12/01/14 13:16	1

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

Lab Sample ID: MB 480-216538/8
Matrix: Water
Analysis Batch: 216538

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/01/14 13:16	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/01/14 13:16	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/01/14 13:16	1
Chloroethane	ND		5.0	0.87	ug/L			12/01/14 13:16	1
Chloroform	ND		5.0	0.54	ug/L			12/01/14 13:16	1
Chloromethane	ND		5.0	0.64	ug/L			12/01/14 13:16	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/01/14 13:16	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/01/14 13:16	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/01/14 13:16	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/01/14 13:16	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/01/14 13:16	1
Toluene	ND		5.0	0.45	ug/L			12/01/14 13:16	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/01/14 13:16	1
Trichloroethene	ND		5.0	0.60	ug/L			12/01/14 13:16	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/01/14 13:16	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/01/14 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 130*		*12/01/14 13:16*	*1*
4-Bromofluorobenzene (Surr)	*91*		*69 - 121*		*12/01/14 13:16*	*1*
Toluene-d8 (Surr)	*107*		*70 - 123*		*12/01/14 13:16*	*1*

Lab Sample ID: LCS 480-216538/27
Matrix: Water
Analysis Batch: 216538

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	16.5		ug/L		83	52 - 162
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	46 - 157
1,1,2-Trichloroethane	20.0	17.7		ug/L		89	52 - 150
1,1-Dichloroethane	20.0	16.2		ug/L		81	59 - 155
1,1-Dichloroethene	20.0	14.8		ug/L		74	1 - 234
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	18 - 190
1,2-Dichloroethane	20.0	16.2		ug/L		81	49 - 155
1,2-Dichloropropane	20.0	15.4		ug/L		77	1 - 210
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	59 - 156
1,4-Dichlorobenzene	20.0	19.4		ug/L		97	18 - 190
2-Chloroethyl vinyl ether	20.0	14.8	J	ug/L		74	1 - 305
Benzene	20.0	15.8		ug/L		79	37 - 151
Bromoform	20.0	15.8		ug/L		79	45 - 169
Bromomethane	20.0	16.5		ug/L		82	1 - 242
Carbon tetrachloride	20.0	16.4		ug/L		82	70 - 140
Chlorobenzene	20.0	18.2		ug/L		91	37 - 160
Dibromochloromethane	20.0	17.4		ug/L		87	53 - 149
Chloroethane	20.0	16.8		ug/L		84	14 - 230
Chloroform	20.0	16.2		ug/L		81	51 - 138
Chloromethane	20.0	16.2		ug/L		81	1 - 273
cis-1,3-Dichloropropene	20.0	15.8		ug/L		79	1 - 227

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

Lab Sample ID: LCS 480-216538/27
Matrix: Water
Analysis Batch: 216538

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	20.0	15.5		ug/L		77	35 - 155
Ethylbenzene	20.0	18.6		ug/L		93	37 - 162
Methylene Chloride	20.0	15.6		ug/L		78	1 - 221
Tetrachloroethene	20.0	18.0		ug/L		90	64 - 148
Toluene	20.0	18.5		ug/L		92	47 - 150
trans-1,3-Dichloropropene	20.0	19.2		ug/L		96	17 - 183
Trichloroethene	20.0	16.1		ug/L		81	71 - 157
Trichlorofluoromethane	20.0	16.6		ug/L		83	17 - 181
Vinyl chloride	20.0	15.8		ug/L		79	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*
4-Bromofluorobenzene (Surr)	*93*		*69 - 121*
Toluene-d8 (Surr)	*109*		*70 - 123*

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

Lab Sample ID: MB 480-216205/1-A
Matrix: Water
Analysis Batch: 217516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 216205

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		11/26/14 14:18	12/05/14 23:09	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		11/26/14 14:18	12/05/14 23:09	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		11/26/14 14:18	12/05/14 23:09	1
1,4-Dichlorobenzene	ND		10	5.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		11/26/14 14:18	12/05/14 23:09	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		11/26/14 14:18	12/05/14 23:09	1
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		11/26/14 14:18	12/05/14 23:09	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
2,4-Dinitrotoluene	ND		5.0	5.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		11/26/14 14:18	12/05/14 23:09	1
2-Chlorophenol	ND		5.0	0.66	ug/L		11/26/14 14:18	12/05/14 23:09	1
2-Nitrophenol	ND		5.0	0.70	ug/L		11/26/14 14:18	12/05/14 23:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		11/26/14 14:18	12/05/14 23:09	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		11/26/14 14:18	12/05/14 23:09	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		11/26/14 14:18	12/05/14 23:09	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		11/26/14 14:18	12/05/14 23:09	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		11/26/14 14:18	12/05/14 23:09	1
4-Nitrophenol	ND		10	10	ug/L		11/26/14 14:18	12/05/14 23:09	1
Acenaphthene	ND		5.0	0.81	ug/L		11/26/14 14:18	12/05/14 23:09	1
Acenaphthylene	ND		5.0	0.87	ug/L		11/26/14 14:18	12/05/14 23:09	1
Aniline	ND		10	1.5	ug/L		11/26/14 14:18	12/05/14 23:09	1
Anthracene	ND		5.0	1.4	ug/L		11/26/14 14:18	12/05/14 23:09	1
Benzidine	ND		80	35	ug/L		11/26/14 14:18	12/05/14 23:09	1

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

Lab Sample ID: MB 480-216205/1-A
Matrix: Water
Analysis Batch: 217516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 216205

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		5.0	1.1	ug/L		11/26/14 14:18	12/05/14 23:09	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		11/26/14 14:18	12/05/14 23:09	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		11/26/14 14:18	12/05/14 23:09	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		11/26/14 14:18	12/05/14 23:09	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		11/26/14 14:18	12/05/14 23:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		11/26/14 14:18	12/05/14 23:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		11/26/14 14:18	12/05/14 23:09	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		11/26/14 14:18	12/05/14 23:09	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		11/26/14 14:18	12/05/14 23:09	1
Chrysene	ND		5.0	1.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
Decane	ND		10	1.6	ug/L		11/26/14 14:18	12/05/14 23:09	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		11/26/14 14:18	12/05/14 23:09	1
Diethyl phthalate	ND		5.0	1.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		11/26/14 14:18	12/05/14 23:09	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		11/26/14 14:18	12/05/14 23:09	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		11/26/14 14:18	12/05/14 23:09	1
Fluoranthene	ND		5.0	1.6	ug/L		11/26/14 14:18	12/05/14 23:09	1
Fluorene	ND		5.0	1.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
Hexachlorocyclopentadiene	ND		5.0	5.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
Hexachloroethane	ND		5.0	0.60	ug/L		11/26/14 14:18	12/05/14 23:09	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		11/26/14 14:18	12/05/14 23:09	1
Isophorone	ND		5.0	0.74	ug/L		11/26/14 14:18	12/05/14 23:09	1
Naphthalene	ND		5.0	0.86	ug/L		11/26/14 14:18	12/05/14 23:09	1
Nitrobenzene	ND		5.0	0.81	ug/L		11/26/14 14:18	12/05/14 23:09	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		11/26/14 14:18	12/05/14 23:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		11/26/14 14:18	12/05/14 23:09	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		11/26/14 14:18	12/05/14 23:09	1
n-Octadecane	ND		10	1.2	ug/L		11/26/14 14:18	12/05/14 23:09	1
Pentachlorophenol	ND		10	1.6	ug/L		11/26/14 14:18	12/05/14 23:09	1
Phenanthrene	ND		5.0	1.2	ug/L		11/26/14 14:18	12/05/14 23:09	1
Phenol	ND		5.0	0.35	ug/L		11/26/14 14:18	12/05/14 23:09	1
Pyrene	ND		5.0	1.4	ug/L		11/26/14 14:18	12/05/14 23:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 151*	*11/26/14 14:18*	*12/05/14 23:09*	*1*
2-Fluorobiphenyl	*66*		*44 - 120*	*11/26/14 14:18*	*12/05/14 23:09*	*1*
2-Fluorophenol	*27*		*17 - 120*	*11/26/14 14:18*	*12/05/14 23:09*	*1*
Nitrobenzene-d5	*48*		*42 - 120*	*11/26/14 14:18*	*12/05/14 23:09*	*1*
Phenol-d5	*28*		*10 - 120*	*11/26/14 14:18*	*12/05/14 23:09*	*1*
p-Terphenyl-d14	*90*		*22 - 125*	*11/26/14 14:18*	*12/05/14 23:09*	*1*

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

Lab Sample ID: LCS 480-216205/2-A
Matrix: Water
Analysis Batch: 217516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 216205

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	33.4		ug/L		67	44 - 142
1,2-Dichlorobenzene	50.0	31.4		ug/L		63	32 - 129
1,3-Dichlorobenzene	50.0	30.0		ug/L		60	1 - 172
1,4-Dichlorobenzene	50.0	30.8		ug/L		62	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	40.4		ug/L		81	36 - 166
2,4,6-Trichlorophenol	50.0	37.8		ug/L		76	37 - 144
2,4-Dichlorophenol	50.0	39.8		ug/L		80	39 - 135
2,4-Dimethylphenol	50.0	36.4		ug/L		73	32 - 119
2,4-Dinitrophenol	100	86.4		ug/L		86	1 - 191
2,4-Dinitrotoluene	50.0	35.6		ug/L		71	39 - 139
2,6-Dinitrotoluene	50.0	37.9		ug/L		76	50 - 158
2-Chloronaphthalene	50.0	36.4		ug/L		73	60 - 118
2-Chlorophenol	50.0	32.2		ug/L		64	23 - 134
2-Nitrophenol	50.0	32.0		ug/L		64	29 - 182
3,3'-Dichlorobenzidine	100	79.2		ug/L		79	1 - 262
4,6-Dinitro-2-methylphenol	100	70.5		ug/L		71	1 - 181
4-Bromophenyl phenyl ether	50.0	40.2		ug/L		80	53 - 127
4-Chloro-3-methylphenol	50.0	36.6		ug/L		73	22 - 147
4-Chlorophenyl phenyl ether	50.0	39.3		ug/L		79	25 - 158
4-Nitrophenol	100	54.2		ug/L		54	1 - 132
Acenaphthene	50.0	37.3		ug/L		75	47 - 145
Acenaphthylene	50.0	38.6		ug/L		77	33 - 145
Aniline	50.0	25.9		ug/L		52	40 - 120
Anthracene	50.0	38.8		ug/L		78	27 - 133
Benzo[a]anthracene	50.0	37.8		ug/L		76	33 - 143
Benzo[a]pyrene	50.0	44.0		ug/L		88	17 - 163
Benzo[b]fluoranthene	50.0	37.2		ug/L		74	24 - 159
Benzo[g,h,i]perylene	50.0	45.2		ug/L		90	1 - 219
Benzo[k]fluoranthene	50.0	47.5		ug/L		95	11 - 162
Bis(2-chloroethoxy)methane	50.0	32.3		ug/L		65	33 - 184
Bis(2-chloroethyl)ether	50.0	39.4		ug/L		79	12 - 158
Bis(2-ethylhexyl) phthalate	50.0	40.6		ug/L		81	8 - 158
Butyl benzyl phthalate	50.0	38.7		ug/L		77	1 - 152
Chrysene	50.0	45.6		ug/L		91	17 - 168
Dibenz(a,h)anthracene	50.0	43.4		ug/L		87	1 - 227
Diethyl phthalate	50.0	42.0		ug/L		84	1 - 114
Dimethyl phthalate	50.0	40.1		ug/L		80	1 - 112
Di-n-butyl phthalate	50.0	40.5		ug/L		81	1 - 118
Di-n-octyl phthalate	50.0	39.0		ug/L		78	4 - 146
Fluoranthene	50.0	41.7		ug/L		83	26 - 137
Fluorene	50.0	40.3		ug/L		81	59 - 121
Hexachlorobenzene	50.0	40.7		ug/L		81	1 - 152
Hexachlorocyclopentadiene	50.0	36.4		ug/L		73	5 - 120
Hexachloroethane	50.0	32.9		ug/L		66	40 - 113
Indeno[1,2,3-cd]pyrene	50.0	45.4		ug/L		91	1 - 171
Isophorone	50.0	41.5		ug/L		83	21 - 196
Naphthalene	50.0	34.6		ug/L		69	21 - 133
Nitrobenzene	50.0	33.9		ug/L		68	35 - 180

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

Lab Sample ID: LCS 480-216205/2-A
Matrix: Water
Analysis Batch: 217516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 216205

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
N-Nitrosodi-n-propylamine			50.0	41.6		ug/L		83	1 - 230		
N-Nitrosodiphenylamine			100	83.0		ug/L		83	54 - 125		
Pentachlorophenol			100	80.1		ug/L		80	14 - 176		
Phenanthrene			50.0	38.2		ug/L		76	54 - 120		
Phenol			50.0	15.2		ug/L		30	5 - 112		
Pyrene			50.0	39.1		ug/L		78	52 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*84*		*52 - 151*
2-Fluorobiphenyl	*74*		*44 - 120*
2-Fluorophenol	*40*		*17 - 120*
Nitrobenzene-d5	*74*		*42 - 120*
Phenol-d5	*31*		*10 - 120*
p-Terphenyl-d14	*79*		*22 - 125*

Lab Sample ID: LCSD 480-216205/3-A
Matrix: Water
Analysis Batch: 217516

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 216205

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			50.0	34.3		ug/L		69	44 - 142	3	34
1,2-Dichlorobenzene			50.0	34.5		ug/L		69	32 - 129	10	38
1,3-Dichlorobenzene			50.0	31.6		ug/L		63	1 - 172	5	37
1,4-Dichlorobenzene			50.0	32.1		ug/L		64	20 - 124	4	40
2,2'-oxybis[1-chloropropane]			50.0	41.5		ug/L		83	36 - 166	3	36
2,4,6-Trichlorophenol			50.0	40.4		ug/L		81	37 - 144	7	20
2,4-Dichlorophenol			50.0	38.7		ug/L		77	39 - 135	3	23
2,4-Dimethylphenol			50.0	40.3		ug/L		81	32 - 119	10	18
2,4-Dinitrophenol			100	98.3		ug/L		98	1 - 191	13	29
2,4-Dinitrotoluene			50.0	41.7		ug/L		83	39 - 139	16	20
2,6-Dinitrotoluene			50.0	43.5		ug/L		87	50 - 158	14	17
2-Chloronaphthalene			50.0	38.7		ug/L		77	60 - 118	6	30
2-Chlorophenol			50.0	34.5		ug/L		69	23 - 134	7	26
2-Nitrophenol			50.0	35.8		ug/L		72	29 - 182	11	28
3,3'-Dichlorobenzidine			100	82.0		ug/L		82	1 - 262	3	31
4,6-Dinitro-2-methylphenol			100	71.2		ug/L		71	1 - 181	1	30
4-Bromophenyl phenyl ether			50.0	41.5		ug/L		83	53 - 127	3	16
4-Chloro-3-methylphenol			50.0	42.1		ug/L		84	22 - 147	14	16
4-Chlorophenyl phenyl ether			50.0	43.8		ug/L		88	25 - 158	11	15
4-Nitrophenol			100	58.1		ug/L		58	1 - 132	7	24
Acenaphthene			50.0	41.9		ug/L		84	47 - 145	11	25
Acenaphthylene			50.0	41.8		ug/L		84	33 - 145	8	22
Aniline			50.0	20.8		ug/L		42	40 - 120	22	30
Anthracene			50.0	42.2		ug/L		84	27 - 133	8	15
Benzo[a]anthracene			50.0	40.7		ug/L		81	33 - 143	7	15
Benzo[a]pyrene			50.0	42.8		ug/L		86	17 - 163	3	15
Benzo[b]fluoranthene			50.0	37.7		ug/L		75	24 - 159	1	17
Benzo[g,h,i]perylene			50.0	45.3		ug/L		91	1 - 219	0	19

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

Lab Sample ID: LCSD 480-216205/3-A
Matrix: Water
Analysis Batch: 217516

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 216205

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[k]fluoranthene			50.0	49.9		ug/L		100	11 - 162	5	19
Bis(2-chloroethoxy)methane			50.0	33.7		ug/L		67	33 - 184	4	23
Bis(2-chloroethyl)ether			50.0	36.3		ug/L		73	12 - 158	8	33
Bis(2-ethylhexyl) phthalate			50.0	44.1		ug/L		88	8 - 158	8	15
Butyl benzyl phthalate			50.0	40.5		ug/L		81	1 - 152	4	15
Chrysene			50.0	49.0		ug/L		98	17 - 168	7	15
Dibenz(a,h)anthracene			50.0	42.1		ug/L		84	1 - 227	3	18
Diethyl phthalate			50.0	46.4		ug/L		93	1 - 114	10	15
Dimethyl phthalate			50.0	43.0		ug/L		86	1 - 112	7	15
Di-n-butyl phthalate			50.0	42.5		ug/L		85	1 - 118	5	15
Di-n-octyl phthalate			50.0	42.5		ug/L		85	4 - 146	9	15
Fluoranthene			50.0	44.4		ug/L		89	26 - 137	6	15
Fluorene			50.0	43.7		ug/L		87	59 - 121	8	18
Hexachlorobenzene			50.0	43.8		ug/L		88	1 - 152	7	15
Hexachlorocyclopentadiene			50.0	38.7		ug/L		77	5 - 120	6	50
Hexachloroethane			50.0	36.0		ug/L		72	40 - 113	9	43
Indeno[1,2,3-cd]pyrene			50.0	46.5		ug/L		93	1 - 171	2	17
Isophorone			50.0	42.7		ug/L		85	21 - 196	3	21
Naphthalene			50.0	36.1		ug/L		72	21 - 133	4	31
Nitrobenzene			50.0	35.5		ug/L		71	35 - 180	5	27
N-Nitrosodi-n-propylamine			50.0	39.8		ug/L		80	1 - 230	5	23
N-Nitrosodiphenylamine			100	86.8		ug/L		87	54 - 125	4	15
Pentachlorophenol			100	90.9		ug/L		91	14 - 176	13	21
Phenanthrene			50.0	40.1		ug/L		80	54 - 120	5	16
Phenol			50.0	11.7		ug/L		23	5 - 112	26	36
Pyrene			50.0	40.8		ug/L		82	52 - 115	4	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*85*		*52 - 151*
2-Fluorobiphenyl	*81*		*44 - 120*
2-Fluorophenol	*31*		*17 - 120*
Nitrobenzene-d5	*72*		*42 - 120*
Phenol-d5	*25*		*10 - 120*
p-Terphenyl-d14	*84*		*22 - 125*

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

Lab Sample ID: MB 480-216430/1-A
Matrix: Water
Analysis Batch: 216527

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 216430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		11/29/14 08:10	12/01/14 16:34	1
PCB-1221	ND		0.060	0.038	ug/L		11/29/14 08:10	12/01/14 16:34	1
PCB-1232	ND		0.060	0.038	ug/L		11/29/14 08:10	12/01/14 16:34	1
PCB-1242	ND		0.060	0.038	ug/L		11/29/14 08:10	12/01/14 16:34	1
PCB-1248	ND		0.060	0.038	ug/L		11/29/14 08:10	12/01/14 16:34	1
PCB-1254	ND		0.060	0.031	ug/L		11/29/14 08:10	12/01/14 16:34	1

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

Lab Sample ID: MB 480-216430/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216527 — **Prep Batch: 216430**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		0.060	0.031	ug/L		11/29/14 08:10	12/01/14 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*10 - 158*	*11/29/14 08:10*	*12/01/14 16:34*	*1*
Tetrachloro-m-xylene	*97*		*25 - 151*	*11/29/14 08:10*	*12/01/14 16:34*	*1*

Lab Sample ID: LCS 480-216430/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216527 — **Prep Batch: 216430**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			1.00	1.32		ug/L		132	40 - 142		
PCB-1260			1.00	1.27		ug/L		127	34 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*10 - 158*
Tetrachloro-m-xylene	*104*		*25 - 151*

Lab Sample ID: LCSD 480-216430/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216527 — **Prep Batch: 216430**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			1.00	1.16		ug/L		116	40 - 142	13	30
PCB-1260			1.00	1.18		ug/L		118	34 - 150	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*60*		*10 - 158*
Tetrachloro-m-xylene	*94*		*25 - 151*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-216137/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216512 — **Prep Batch: 216137**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		11/26/14 12:40	11/28/14 13:56	1
Copper	ND		0.010	0.0016	mg/L		11/26/14 12:40	11/28/14 13:56	1
Lead	ND		0.0050	0.0030	mg/L		11/26/14 12:40	11/28/14 13:56	1
Nickel	ND		0.010	0.0013	mg/L		11/26/14 12:40	11/28/14 13:56	1
Zinc	0.00472	J	0.010	0.0015	mg/L		11/26/14 12:40	11/28/14 13:56	1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-216137/2-A
Matrix: Water
Analysis Batch: 216512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 216137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.195		mg/L		97	85 - 115
Copper	0.200	0.193		mg/L		97	85 - 115
Lead	0.200	0.187		mg/L		94	85 - 115
Nickel	0.200	0.191		mg/L		95	85 - 115
Zinc	0.200	0.207		mg/L		103	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-216045/1-A
Matrix: Water
Analysis Batch: 216175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 216045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/26/14 07:30	11/26/14 11:05	1

Lab Sample ID: LCS 480-216045/2-A
Matrix: Water
Analysis Batch: 216175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 216045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00668		mg/L		100	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-217927/1-A
Matrix: Water
Analysis Batch: 218098

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217927

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		12/08/14 20:50	12/09/14 12:42	1

Lab Sample ID: LCS 480-217927/2-A
Matrix: Water
Analysis Batch: 218098

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217927

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.0939		mg/L		94	90 - 110

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

Lab Sample ID: MB 480-216434/1
Matrix: Water
Analysis Batch: 216434

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		4.0	4.0	mg/L			11/29/14 08:49	1

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

Lab Sample ID: LCS 480-216434/2
Matrix: Water
Analysis Batch: 216434

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	261	240.0		mg/L		92	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-216260/1
Matrix: Water
Analysis Batch: 216260

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	7.000		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-217323/3
Matrix: Water
Analysis Batch: 217323

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			12/04/14 11:20	1

Lab Sample ID: LCS 480-217323/4
Matrix: Water
Analysis Batch: 217323

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	0.209		mg/L as P		104	90 - 110

Lab Sample ID: 480-71972-1 MS
Matrix: Water
Analysis Batch: 217323

Client Sample ID: BCC BSA SUMP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	0.17		0.500	0.702		mg/L as P		106	52 - 148

Lab Sample ID: 480-71972-1 MSD
Matrix: Water
Analysis Batch: 217323

Client Sample ID: BCC BSA SUMP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phosphorus	0.17		0.500	0.709		mg/L as P		107	52 - 148	1	20

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

TestAmerica Job ID: 480-71972-1

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-216033/1
Matrix: Water
Analysis Batch: 216033

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			11/25/14 19:27	1

Lab Sample ID: LCS 480-216033/2
Matrix: Water
Analysis Batch: 216033

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	163.7	*	mg/L		83	85 - 115

Lab Sample ID: USB 480-216977/1
Matrix: Water
Analysis Batch: 216977

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			12/03/14 10:23	1

Lab Sample ID: LCS 480-216977/2
Matrix: Water
Analysis Batch: 216977

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	181.9		mg/L		92	85 - 115

QC Association Summary

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

TestAmerica Job ID: 480-71972-1

GC/MS VOA

Analysis Batch: 216151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-2	TRIP BLANK	Total/NA	Water	624	
LCS 480-216151/6	Lab Control Sample	Total/NA	Water	624	
MB 480-216151/8	Method Blank	Total/NA	Water	624	

Analysis Batch: 216538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	624	
LCS 480-216538/27	Lab Control Sample	Total/NA	Water	624	
MB 480-216538/8	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 216205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	625	
LCS 480-216205/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-216205/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-216205/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 217516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	625	216205
LCS 480-216205/2-A	Lab Control Sample	Total/NA	Water	625	216205
LCSD 480-216205/3-A	Lab Control Sample Dup	Total/NA	Water	625	216205
MB 480-216205/1-A	Method Blank	Total/NA	Water	625	216205

GC Semi VOA

Prep Batch: 216430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	3510C	
LCS 480-216430/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-216430/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-216430/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 216527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	608	216430
LCS 480-216430/2-A	Lab Control Sample	Total/NA	Water	608	216430
LCSD 480-216430/3-A	Lab Control Sample Dup	Total/NA	Water	608	216430
MB 480-216430/1-A	Method Blank	Total/NA	Water	608	216430

Metals

Prep Batch: 216045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	245.1	
LCS 480-216045/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-216045/1-A	Method Blank	Total/NA	Water	245.1	

Metals (Continued)

Prep Batch: 216137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	200.7	
LCS 480-216137/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-216137/1-A	Method Blank	Total/NA	Water	200.7	

Analysis Batch: 216175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	245.1	216045
LCS 480-216045/2-A	Lab Control Sample	Total/NA	Water	245.1	216045
MB 480-216045/1-A	Method Blank	Total/NA	Water	245.1	216045

Analysis Batch: 216512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	216137
LCS 480-216137/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	216137
MB 480-216137/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	216137

General Chemistry

Analysis Batch: 216033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
LCS 480-216033/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-216033/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 216260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-216260/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 216434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
LCS 480-216434/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-216434/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 216977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
LCS 480-216977/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 480-216977/1	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 217269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 217323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
480-71972-1 MS	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
480-71972-1 MSD	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	

General Chemistry (Continued)

Analysis Batch: 217323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-217323/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	
MB 480-217323/3	Method Blank	Total/NA	Water	SM 4500 P E	

Prep Batch: 217927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	Distill/Phenol	
LCS 480-217927/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-217927/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

Analysis Batch: 218098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71972-1	BCC BSA SUMP	Total/NA	Water	420.4	217927
LCS 480-217927/2-A	Lab Control Sample	Total/NA	Water	420.4	217927
MB 480-217927/1-A	Method Blank	Total/NA	Water	420.4	217927

Lab Chronicle

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

TestAmerica Job ID: 480-71972-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-71972-1

Date Collected: 11/25/14 13:30

Matrix: Water

Date Received: 11/25/14 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	216538	12/01/14 20:33	NMD1	TAL BUF
Total/NA	Prep	625			216205	11/26/14 14:18	RJS	TAL BUF
Total/NA	Analysis	625		1	217516	12/06/14 03:35	DMR	TAL BUF
Total/NA	Prep	3510C			216430	11/29/14 08:10	JLS	TAL BUF
Total/NA	Analysis	608		1	216527	12/01/14 17:53	DLE	TAL BUF
Total/NA	Prep	200.7			216137	11/26/14 12:40	LED	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	216512	11/28/14 14:31	JRK	TAL BUF
Total/NA	Prep	245.1			216045	11/26/14 07:30	LRK	TAL BUF
Total/NA	Analysis	245.1		1	216175	11/26/14 11:33	LRK	TAL BUF
Total/NA	Prep	Distill/Phenol			217927	12/08/14 20:50	CLT	TAL BUF
Total/NA	Analysis	420.4		1	218098	12/09/14 12:43	NCH	TAL BUF
Total/NA	Analysis	SM 2540D		1	216434	11/29/14 08:49	RP	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	217269	12/04/14 12:57	KMF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	216260	11/27/14 02:43	VAJ	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	217323	12/04/14 11:20	EGS	TAL BUF
Total/NA	Analysis	SM 5210B		1	216977	12/03/14 10:23	MDL	TAL BUF
Total/NA	Analysis	SM 5210B		1	216033	11/25/14 19:27	MRF	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-71972-2

Date Collected: 11/25/14 00:00

Matrix: Water

Date Received: 11/25/14 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	216151	11/27/14 02:09	RAS	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-71972-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but 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: 480-71972-1

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
420.4	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: 480-71972-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-71972-1	BCC BSA SUMP	Water	11/25/14 13:30	11/25/14 16:30
480-71972-2	TRIP BLANK	Water	11/25/14 00:00	11/25/14 16:30

Detection Limit Exceptions Summary

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

TestAmerica Job ID: 480-71972-1

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	4-Nitrophenol	ug/L	10	15
625	Water	Hexachlorocyclopentadiene	ug/L	5.0	10

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 11-25-14	COC No: 51726-1114
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W)			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color - Monthly Sump	[ ] 1 week			
Site: Buffalo Color - NY7A9728	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Matrix Code	4500_P_E - Phosphorus	200.7, 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH
BCC_BSA_Sump_		1330	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						

Container Volume (ml)										
	250	250	250	40	1000	1000	1000	500	250	125
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other	3-P	4-P	3-A	2-V	1-A	1-A	1-P	1-P	5-P	1-P

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

480-71972 Chain of Custody

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by: Tom Wagner	Company: OSC 1630 11/25/14	Date/Time:	Received by:	Company:	Date/Time: 11/25/14 1630
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#2 3.4

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-71972-1

Login Number: 71972

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

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

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

		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					
Date	Associate	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	Containment Line Pressure Gauge Checks	Comments
10/3/2014	TW	46	38	33	16	38	23	25.7	18	12	12	7	6.94	21	21	10,555,642	18	23.5	7,658,863	13	8	8	3	1	y	
10/10/2014	TW	48	41	33	18	44	11	14	10	4	5	3	7.25	21	20	10,625,162	17	24.1	7,706,315	14	8	9	3	1	y	
10/17/2014	TW	47	36	33	16	38	15	17.7	14	8	7	5	7.3	21	19	10,700,916	18	17.6	7,755,335	10	8	9	3	1	y	
10/24/2014	TW	47	33	32	24	34	14	17.1	12	6	7	4	7.33	22	17.6	10,769,833	19	29.2	7,805,172	20	8	11	3	1	y	
11/7/2014	TW	48	18	32	24	25	3	10.4	6	3	4	2	7.27	20	18.6	10,867,418	18	27.2	7,905,699	18	10	11	4	4	y	New PSI guages 107 side(vaults)
11/14/2014	TW	48	23	33	17	28	4	7.9	5	2	3	2	7.26	21	18.3	10,947,289	18	22.4	7,953,272	13	10	8	4	3	y	
11/21/2014	TW	45	41	33	25	40	25	27.4	18	14	14	9	7.05	19	17.1	11,017,960	16	27.9	8,000,680	19	9	10	3	3	y	
12/1/2014	TW	48	22	33	22	25	4	9.94	5	3	3	2	7.28	21	18.1	11,097,977	17	25.3	8,068,565	15	10	10	3	4	y	
12/5/2014	TW	44	35	33	22	35	22	25.9	17	12	12	7	7.43	21	16.8	11,173,117	18	26.9	8,100,872	17	10	11	3	3	y	
12/11/2014	TW	44	42	33	25	41	25	27.7	20	14	14	9	7.25	21	16.9	11,248,684	18	26.4	8,164,264	18	9	11	3	4	y	
12/19/2014	TW	50	26	33	26	30	4	6.64	4	0	2	1	7.26	21	16.8	11,325,247	17	21	8,226,037	12	10	11	3	3	y	
12/24/2014	TW	44	42	32	24	44	25	27.3	20	14	14	9	6.93	21	16.2	11,369,521	18	25.1	8,264,020	16	10	11	3	4	y	
12/31/2014	TW	47	27	30	14	31	14	26.5	11	7	7	5	6.07	19	15.8	11,418,592	16	27.4	8,306,357	18	9	11	3	4	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
10/1/2014								1	1	1			Clean Tank #10
10/2/2014							1				1	1	Changed filter in Gac #2
10/3/2014								1	1	1			
10/4/2014													
10/5/2014													
10/6/2014								1	1	1	1		Acid clean Bag unit #2
10/7/2014													
10/8/2014								1	1	1			
10/9/2014													
10/10/2014					1	1		1	1	1	1	1	
10/11/2014													
10/12/2014													
10/13/2014								1	1	1			
10/14/2014											1		
10/15/2014								1	1	1			
10/16/2014													
10/17/2014					1	1	1	1	1	1	1	1	
10/18/2014													
10/19/2014													
10/20/2014								1	1	1	1		
10/21/2014					1	1	1	1	1	1	1	1	
10/22/2014													
10/23/2014													
10/24/2014					1	1		1	1	1	1		
10/25/2014													
10/26/2014													
10/27/2014								1	1	1			Ran Area D Wells
10/28/2014									1				
10/29/2014					1	1		1	1	1			
10/30/2014	1												Carbon change(Seimons)
10/31/2014													
11/1/2014													
11/2/2014													
11/3/2014					1		1	1	1	1	1	1	
11/4/2014													
11/5/2014								1	1		1		
11/6/2014													
11/7/2014					1	1		1	1	1			
11/8/2014													
11/9/2014													
11/10/2014								1	1	1			
11/11/2014													
11/12/2014								1	1	1			
11/13/2014							1				1	1	
11/14/2014					1	1		1	1	1			
11/15/2014													
11/16/2014													
11/17/2014								1	1	1			
11/18/2014													
11/19/2014													
11/20/2014							1	1	3	1	1	1	
11/21/2014					1	1		1	1	1			
11/22/2014													
11/23/2014													
11/24/2014								1	1	1	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
11/25/2014					1	1	1	1	1	1	1	1	Sump sample
11/26/2014													Run Area D Wells
11/27/2014													
11/28/2014								1	1	1			
11/29/2014													
11/30/2014													
12/1/2014								1	1	1	1		
12/2/2014					1	1		1	1	1			
12/3/2014													
12/4/2014								1		1			
12/5/2014					1	1	1	1	1	1	1	1	
12/6/2014													
12/7/2014													
12/8/2014								1	1	1			
12/9/2014									1	1			
12/10/2014								1	1	1			
12/11/2014							1	1			1	1	
12/12/2014					1	1		1	1	1			
12/13/2014													
12/14/2014													
12/15/2014								1	1	1			
12/16/2014									1	1			
12/17/2014								1	4	2			Clean Tank #10
12/18/2014								1	3	2	1		Ran Area D Wells
12/19/2014					1	1		1	2	2			
12/20/2014													
12/21/2014													
12/22/2014								1	1	1			
12/23/2014							1	1	1	1	3	2	Well #4 clean line, acid
12/24/2014					1	1		1	1	1	1	1	
12/25/2014													
12/26/2014													
12/27/2014													
12/28/2014													
12/29/2014								1	1	1			
12/30/2014									1	1			
12/31/2014					1	1	1	1	1	1	1		

ATTACHMENT G

DATA USABILITY SUMMARY REPORTS

DATA VALIDATION SUMMARY REPORT AREA B 2014 QUARTERLY GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA B
BUFFALO, NEW YORK

Prepared for

Honeywell

101 Columbia Road
Morristown, New Jersey 07962

Prepared by

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

MARCH 2015

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1.0 INTRODUCTION

Data validation was completed on groundwater samples collected in March, June, September, and November 2014. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data package (SDG) 480-56840-1, 480-62504-1, 480-66679-1, and 480-71258-1. 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 8260C
- Semivolatile organic compounds (SVOCs) by USEPA Method 8270D
- Metals by USEPA Method 6010C
- Mercury by USEPA Method 7470A

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

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

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

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

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

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

J = The reported concentration is considered an estimated value.

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

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

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

BL1=Result qualified due to laboratory blank

LCSL=LCS recovery less than the lower criteria limit

MSL=Matrix spike recovery criteria less than the lower limit

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

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

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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

2.1 VOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

* Collection and Preservation
* Holding Times
* Data completeness

  Blanks

  LCS
* MS/MSD
* Surrogate Spikes
* Field duplicate

  Reporting Limits
* Data Completeness
* Electronic Data Verification

* - Criteria were met for this parameter.

2.1.1 March Event

Reporting Limits

The sample from location 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-28 0314	480-56840-5	SW8260	10

2.1.2 June Event

Blanks

Tetrachloroethene (12 µg/l) was detected below the reporting limit in the trip blank TRIP BLANK_062314. An action limit was established at five times the reported blank concentration. The tetrachloroethene result of 14 µg/L in associated sample BCC Area B_RFI-28_0614 was qualified as non-detect (U) with reason code BL3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area B_RFI-27D_0614. The MSD and MSD percent recoveries for tetrachloroethene (15/14) were less than the QC limit of 70. Results of tetrachloroethene in sample BCC Area B_RFI-27D_0614 was qualified as estimated (J) with reason code MSL/ MSDL.

Reporting Limits

The sample from location RFI-28 and RFI-27 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_0614	480-62504-2	SW8260	10
BCC Area B_RFI-28_0614	480-62504-3	SW8260	10

2.1.3 September Event

Reporting Limits

The sample from location RFI-28 and RFI-27 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-28D 090414	480-66679-1	SW8260	10
BCC Area B RFI-27 090414	480-66679-3	SW8260	10
BCC Area B RFI-28 090414	480-66679-4	SW8260	10

2.1.4 November Event

Reporting Limits

The sample from location RFI-28 and RFI-27 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
BCCAreaBRFI-27_111214	480-71258-2	SW8260	10
BCCAreaBRFI-28_111214	480-71258-3	SW8260	10

2.2 SEMI-VOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

* Collection and Preservation
* Holding Times

  Blanks

  LCS

  MS/MSD
* Field duplicate
* Surrogate Spikes
* Reporting Limits
* Data Completeness
* Electronic Data Verification

* - Criteria were met for this parameter.

2.2.1 March Event

Blanks

Di-n-butyl phthalate (0.396 µg/L) and butyl benzyl phthalate (0.457 µg/L) were detected below the reporting limit in method blank batch 173429. An action limit was established at ten times the reported blank concentration. Di-n-butyl phthalate and butyl benzyl phthalate results less than action limits in associated samples were 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 4-chloroaniline (45), aniline (40) and caprolactam (15) in batch 173059, which may indicate low bias. Results for 4-chloroaniline, aniline and caprolactam in associated samples were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-28 0314. The MSD and MSD percent recoveries for caprolactam (16/23), benzaldehyde (32/35), benzo(g,h,i)perylene (47/46) and dibenz(a,h)anthracene (46/43) were less than the QC limit of 50. Reporting limits for these results in sample BCC Area B RFI-28 0314 were qualified as estimated (UJ) with reason code MSL/ MSDL.

2.2.2 June Event

LCS

The LCS percent recovery was less than the QC limit of 50 percent for 4-chloroaniline (25), and caprolactam (41) in batch 189675, which may indicate low bias. Results for 4-chloroaniline, caprolactam in associated samples were qualified as estimated (J/UJ) with reason code LCSL. A summary of qualified sample results is presented in Table 3.

2.2.3 September Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area B RFI-28 090414. The MSD and MSD percent recoveries for aniline (40/41) and hexachlorocyclopentadiene (26/26) were less than the QC limit of 50. Results of aniline and hexachlorocyclopentadiene in sample BCC Area B RFI-28 090414 was qualified as estimated (J/UJ) with reason code MSL/ MSDL.

2.2.4 November Event

Blanks

Bis(2-ethylhexyl)phthalate (2.22 µg/l) and benzaldehyde (1.20 µg/l) were detected below the reporting limit in method blank in batch 214152. An action limit was established at ten times the reported blank concentration for bis(2-ethylhexyl)phthalate and five times for benzaldehyde. Bis (2-ethylhexyl) phthalate and benzaldehyde results in associated samples were 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 percent for caprolactam (40) and 4-chloroaniline (47) in batch 214152, which may indicate low bias. Caprolactam and 4-chloroaniline results in associated samples were qualified as estimated (J/UJ). A summary of qualified sample results is presented on Table 3 with reason code LCSL.

MS/MSD

MS/MSD analysis was completed using sample BCCAreaBRFI-30_111214. The MS/MSD percent recoveries for 4-chloroaniline (27/10), 4-nitroaniline (31/44), aniline (40/44), benzo(g,h,i)perylene (36/39), caprolactam (18/21), dibenzo(a,h)anthracene (33/37) and indeno(1,2,3-cd)pyrene (29/32) were less than the QC limit of 50. These analytes were not detected in sample BCCAreaBRFI-30_111214 and reporting limits were qualified as estimated (UJ) with reason code MSL/ MSDL.

2.3 METALS

The data were evaluated based on the following parameters:

* Collection and Preservation
* Holding Times

  Blanks
* LCS

  MS/MSD
* Field duplicate
* Reporting Limits
* Data Completeness
* Electronic Data Verification

* - all criteria were met for this parameter.

2.3.1 March Event

No QC issues were identified.

2.3.2 June Event

MS/MSD

MS/MSD analysis was completed using sample BCC Area B_RFI-27_0614. The MSD and MSD percent recoveries for nickel (69), chromium (69) were less than the QC limit of 75. Reporting limits for these results in sample BCC Area B_RFI-27_0614 was qualified as estimated (J) with reason code MSL.

2.3.3 September Event

No QC issues were identified.

2.3.4 November Event

Blanks

Zinc (0.00398 mg/L) was detected below the reporting limit in method blank batch 215185. An action limit was established at five times the reported blank concentration. Zinc results in sample associated samples were qualified as non-detect (U) at the reporting limit with reason code BL1. A summary of qualified sample results is presented in Table 3.

MS/MSD

MS/MSD analysis was completed using sample BCCAreaBRFI-30_111214. The MSD percent recovery for chromium (88/140) was greater than the QC limit of 125. Results of chromium in sample BCCAreaBRFI-30_111214 was qualified as estimated (J) with reason code MSDH.

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: Bindu Lingaiah

Senior Chemist: Chris Ricardi, NRCC-EAC



February 25, 2015

TABLES

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

				Parameter	VOCs	SVOCs	Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470A
SDG	Field Sample ID	ID	Type	Date				
480-56840-1	BCC Area B RFI-18 0314	RFI-18	REG	3/27/2014	48	66	22	1
480-56840-1	BCC Area B RFI-27 0314	RFI-27	REG	3/27/2014	48	66	22	1
480-56840-1	BCC Area B RFI-28 0314	RFI-28	REG	3/27/2014	48	66	22	1
480-56840-1	BCC Area B RFI-28D 0314	RFI-28	FD	3/27/2014	48	66	22	1
480-56840-1	BCC Area B RFI-30 0314	RFI-30	REG	3/27/2014	48	66	22	1
480-56840-1	TRIP BLANK 032714	QC	TB	3/27/2014	48			
480-62504-1	BCC Area B_RFI-18_0614	RFI-18	REG	6/23/2014	48	66	22	1
480-62504-1	BCC Area B_RFI-27_0614	RFI-27	REG	6/23/2014	48	66	22	1
480-62504-1	BCC Area B_RFI-27D_0614	RFI-27	FD	6/23/2014	48	66	22	1
480-62504-1	BCC Area B_RFI-28_0614	RFI-28	REG	6/23/2014	48	66	22	1
480-62504-1	BCC Area B_RFI-30_0614	RFI-30	REG	6/23/2014	48	66	22	1
480-62504-1	BCC Area B_RFI-30F_0614	RFI-30	REG	6/23/2014			22	1
480-62504-1	TRIP BLANK_062314	QC	TB	6/23/2014	48			
480-66679-1	BCC Area B RFI-18 090414	RFI-18	REG	9/4/2014	48	66	22	1
480-66679-1	BCC Area B RFI-27 090414	RFI-27	REG	9/4/2014	48	66	22	1
480-66679-1	BCC Area B RFI-28 090414	RFI-28	REG	9/4/2014	48	66	22	1
480-66679-1	BCC Area B RFI-28D 090414	RFI-28	FD	9/4/2014	48	66	22	1
480-66679-1	BCC Area B RFI-30 090414	RFI-30	REG	9/4/2014	48	66	22	1
480-66679-1	TRIP BLANK_090414	QC	TB	9/4/2014	48			
480-71258-1	BCC_Area B_RFI-18_111214	RFI-18	REG	11/12/2014	48	66	22	1
480-71258-1	BCC_Area B_RFI-27_111214	RFI-27	REG	11/12/2014	48	66	22	1
480-71258-1	BCC_Area B_RFI-28_111214	RFI-28	REG	11/12/2014	48	66	22	1
480-71258-1	BCC_Area B_RFI-30_111214	RFI-30	REG	11/12/2014	48	66	22	1
480-71258-1	BCC_Area B_RFI-30D_11121	RFI-30	FD	11/12/2014	48	66	22	1
480-71258-1	TRIP BLANK_111214	QC	TB	11/12/2014	48			

Notes

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

				Parameter	VOCs	SVOCs	Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470A
SDG	Field Sample ID	ID	Type	Date				

REG= regular sample
FD = field duplicate
TB = trip blank

ID = Identification
SVOC = Semi Volatile Organic Compound
VOC = Volatile Organic Compound

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

PARAMETER	QC TEST	ANALYTE	Soil (%R)	Soil (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	30
		All Acid Compounds	30 - 140	30
	Field Duplicate	All Target Compounds		50
Inorganics-Metals	LCS	All Target Analytes	80 - 120	
	MS/MSD	All Target Analytes	75 -125	30
	Lab Duplicate	All Target Analytes		30
	Field Duplicate	All Target Analytes		50

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

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
MARCH 2014 AREA B QUARTERLY 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-28D 0314	FD	480-56840-1	SW8270	Di-n-butyl phthalate	4.7	J,B	U	BL1	µg/L
BCC Area B RFI-28 0314	REG	480-56840-1	SW8270	Butyl benzyl phthalate	4.7	J,B	U	BL1	µg/L
BCC Area B RFI-18 0314	REG	480-56840-1	SW8270	Caprolactam	4.5	U	UJ	LCSL	µg/L
BCC Area B RFI-18 0314	REG	480-56840-1	SW8270	4-Chloroaniline	4.5	U	UJ	LCSL	µg/L
BCC Area B RFI-18 0314	REG	480-56840-1	SW8270	Aniline	0.70	J	J	LCSL	µg/L
BCC Area B RFI-27 0314	REG	480-56840-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-27 0314	REG	480-56840-1	SW8270	4-Chloroaniline	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-27 0314	REG	480-56840-1	SW8270	Aniline	9.3	U	UJ	LCSL	µg/L
BCC Area B RFI-28D 0314	FD	480-56840-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area B RFI-28D 0314	FD	480-56840-1	SW8270	4-Chloroaniline	2.5	J	J	LCSL	µg/L
BCC Area B RFI-28D 0314	FD	480-56840-1	SW8270	Aniline	3.5	J	J	LCSL	µg/L
BCC Area B RFI-30 0314	REG	480-56840-1	SW8270	Caprolactam	4.6	U	UJ	LCSL	µg/L
BCC Area B RFI-30 0314	REG	480-56840-1	SW8270	4-Chloroaniline	4.6	U	UJ	LCSL	µg/L
BCC Area B RFI-30 0314	REG	480-56840-1	SW8270	Aniline	9.2	U	UJ	LCSL	µg/L
BCC Area B RFI-28 0314	REG	480-56840-1	SW8270	4-Chloroaniline	2.4	J	J	LCSL	µg/L
BCC Area B RFI-28 0314	REG	480-56840-1	SW8270	Aniline	2.6	J	J	LCSL	µg/L
BCC Area B RFI-28 0314	REG	480-56840-1	SW8270	Caprolactam	4.7	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area B RFI-28 0314	REG	480-56840-1	SW8270	Benzaldehyde	4.7	U	UJ	MSL,MSDL	µg/L
BCC Area B RFI-28 0314	REG	480-56840-1	SW8270	Benzo(g,h,i)perylene	4.7	U	UJ	MSL,MSDL	µg/L
BCC Area B RFI-28 0314	REG	480-56840-1	SW8270	Dibenz(a,h)anthracene	4.7	U	UJ	MSL,MSDL	µg/L
BCC Area B_RFI-28_0614	REG	480-62504-1	SW8260	Tetrachloroethene	14		U	BL3	µg/L
BCC Area B_RFI-27D_0614	FD	480-62504-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area B_RFI-27D_0614	FD	480-62504-1	SW8270	4-Chloroaniline	4.8	U	UJ	LCSL	µg/L
BCC Area B_RFI-18_0614	REG	480-62504-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC Area B_RFI-18_0614	REG	480-62504-1	SW8270	4-Chloroaniline	4.9	U	UJ	LCSL	µg/L
BCC Area B_RFI-27_0614	REG	480-62504-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area B_RFI-27_0614	REG	480-62504-1	SW8270	4-Chloroaniline	4.8	U	UJ	LCSL	µg/L
BCC Area B_RFI-28_0614	REG	480-62504-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area B_RFI-28_0614	REG	480-62504-1	SW8270	4-Chloroaniline	2.2	J	J	LCSL	µg/L
BCC Area B_RFI-30_0614	REG	480-62504-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area B_RFI-30_0614	REG	480-62504-1	SW8270	4-Chloroaniline	4.8	U	UJ	LCSL	µg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
MARCH 2014 AREA B QUARTERLY 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_0614	REG	480-62504-1	SW6010	Nickel	0.62		J	MSL	mg/L
BCC Area B_RFI-27_0614	REG	480-62504-1	SW6010	Chromium	0.27		J	MSL	mg/L
BCC Area B_RFI-27D_0614	FD	480-62504-1	SW8260	Tetrachloroethene	570		J	MSL,MSDL	µg/L
BCC Area B RFI-28 090414	REG	480-66679-1	SW8270	Aniline	7.1	J	J	MSL,MSDL	µg/L
BCC Area B RFI-28 090414	REG	480-66679-1	SW8270	Hexachlorocyclopentadi	9.6	U	UJ	MSL,MSDL	µg/L
BCC_Area B_RFI-18_111214	REG	480-71258-1	SW6010	Zinc	0.014	B	U	BL1	mg/L
BCC_Area B_RFI-18_111214	REG	480-71258-1	SW8270	Benzaldehyde	5.0	J,B	U	BL1	µg/L
BCC_Area B_RFI-18_111214	REG	480-71258-1	SW8270	Bis(2-ethylhexyl) phthal	5.0	J,B	U	BL1	µg/L
BCC_Area B_RFI-27_111214	REG	480-71258-1	SW6010	Zinc	0.010	J,^,B	U	BL1	mg/L
BCC -Area B_RFI-27_111214	REG	480-71258-1	SW8270	Benzaldehyde	4.9	J,B	U	BL1	µg/L
BCC_Area B_RFI-27_111214	REG	480-71258-1	SW8270	Bis(2-ethylhexyl) phthal	4.9	J,B	U	BL1	µg/L
BCC_Area B_RFI-28_111214	REG	480-71258-1	SW6010	Zinc	0.010	B	U	BL1	mg/L
BCC_Area B_RFI-28_111214	REG	480-71258-1	SW8270	Benzaldehyde	5.0	J,B	U	BL1	µg/L
BCC_Area B_RFI-28_111214	REG	480-71258-1	SW8270	Bis(2-ethylhexyl) phthal	5.0	J,B	U	BL1	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW6010	Zinc	0.016	B	U	BL1	mg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	Benzaldehyde	4.9	J,B	U	BL1	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	Bis(2-ethylhexyl) phthal	22	B	U	BL1	µg/L
BCC_Area B_RFI-30D_11121	FD	480-71258-1	SW6010	Zinc	0.018	B	U	BL1	mg/L
BCC_Area B_RFI-30D_11121	FD	480-71258-1	SW8270	Benzaldehyde	4.9	J,B	U	BL1	µg/L
BCC_Area B_RFI-30D_11121	FD	480-71258-1	SW8270	Bis(2-ethylhexyl) phthal	2.2	J,B	U	BL1	µg/L
BCC_Area B_RFI-18_111214	REG	480-71258-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area B_RFI-18_111214	REG	480-71258-1	SW8270	4-Chloroaniline	5.0	U	UJ	LCSL	µg/L
BCC_Area B_RFI-27_111214	REG	480-71258-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC_Area B_RFI-27_111214	REG	480-71258-1	SW8270	4-Chloroaniline	4.9	U	UJ	LCSL	µg/L
BCC_Area B_RFI-28_111214	REG	480-71258-1	SW8270	Caprolactam	5.0	U	UJ	LCSL	µg/L
BCC_Area B_RFI-28_111214	REG	480-71258-1	SW8270	4-Chloroaniline	3.5	J	J	LCSL	µg/L
BCC_Area B_RFI-30D_11121	FD	480-71258-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC_Area B_RFI-30D_11121	FD	480-71258-1	SW8270	4-Chloroaniline	4.9	U	UJ	LCSL	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	Caprolactam	4.9	U	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	4-Chloroaniline	4.9	U	UJ	LCSL,MSL,MSDL	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW6010	Chromium	0.22		J	MSDH	mg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
MARCH 2014 AREA B QUARTERLY 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-30_111214	REG	480-71258-1	SW8270	4-Nitroaniline	9.8	U	UJ	MSL,MSDL	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	Benzo(g,h,i)perylene	4.9	U	UJ	MSL,MSDL	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	Indeno(1,2,3-cd)pyrene	4.9	U	UJ	MSL,MSDL	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	Dibenz(a,h)anthracene	4.9	U	UJ	MSL,MSDL	µg/L
BCC_Area B_RFI-30_111214	REG	480-71258-1	SW8270	Aniline	9.8	U	UJ	MSL,MSDL	µg/L

Notes:

BL1= Result qualified due to laboratory blank
BL3= Result qualified due to trip blank
LCSL= LCS recovery less than the lower criteria limit
MSL= Matrix spike recovery criteria less than the lower limit
MSDL= Matrix spike duplicate recovery criteria less than the lower limit
U= Undetected
J= Estimated

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

		Field Sample ID	BCC Area B RFI-18 0314	BCC Area B RFI-27 0314
		Location	RFI-18	RFI-27
		Sample Date	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1
Units	Method	Parameter Name		
mg/L	SW6010	Aluminum	0.20 U	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.014 J	0.015 U
mg/L	SW6010	Barium	0.065	0.030
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.00065 J	0.0020 U
mg/L	SW6010	Calcium	1060	208
mg/L	SW6010	Chromium	0.016	0.16
mg/L	SW6010	Cobalt	0.014	0.0097
mg/L	SW6010	Copper	0.0026 J	0.0078 J
mg/L	SW6010	Iron	22.0	2.0
mg/L	SW6010	Lead	0.010 U	0.010 U
mg/L	SW6010	Magnesium	339	93.6
mg/L	SW6010	Manganese	4.8	0.53
mg/L	SW6010	Nickel	0.029	0.60
mg/L	SW6010	Potassium	2.4	2.2
mg/L	SW6010	Selenium	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	1200	292
mg/L	SW6010	Thallium	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	0.0020 J	0.0019 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B RFI-18 0314	BCC Area B RFI-27 0314
		Location	RFI-18	RFI-27
		Sample Date	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1
Units	Method	Parameter Name		
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.4
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	0.50 J
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	3.8
µg/L	SW8260	Chloroethane	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.6
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B RFI-18 0314	BCC Area B RFI-27 0314
		Location	RFI-18	RFI-27
		Sample Date	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1
Units	Method	Parameter Name		
µg/L	SW8260	Styrene	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	870
µg/L	SW8260	Toluene	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.5
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	64
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.5 U	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.5 U	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.5 U	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	4.5 U	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.1 U	9.3 U
µg/L	SW8270	2,4-Dinitrotoluene	4.5 U	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.5 U	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.5 U	4.7 U
µg/L	SW8270	2-Chlorophenol	4.5 U	4.7 U
µg/L	SW8270	2-Methylnaphthalene	4.5 U	4.7 U
µg/L	SW8270	2-Methylphenol	4.5 U	4.7 U
µg/L	SW8270	2-Nitroaniline	9.1 U	9.3 U
µg/L	SW8270	2-Nitrophenol	4.5 U	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.5 U	4.7 U
µg/L	SW8270	3-Nitroaniline	9.1 U	9.3 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.1 U	9.3 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.5 U	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.5 U	4.7 U
µg/L	SW8270	4-Chloroaniline	4.5 UJ	4.7 UJ
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.5 U	4.7 U
µg/L	SW8270	4-Methylphenol	9.1 U	9.3 U
µg/L	SW8270	4-Nitroaniline	9.1 U	9.3 U

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B RFI-18 0314	BCC Area B RFI-27 0314
		Location	RFI-18	RFI-27
		Sample Date	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1
Units	Method	Parameter Name		
µg/L	SW8270	4-Nitrophenol	9.1 U	9.3 U
µg/L	SW8270	Acenaphthene	4.5 U	4.7 U
µg/L	SW8270	Acenaphthylene	4.5 U	4.7 U
µg/L	SW8270	Acetophenone	4.5 U	4.7 U
µg/L	SW8270	Aniline	0.70 J	9.3 UJ
µg/L	SW8270	Anthracene	4.5 U	4.7 U
µg/L	SW8270	Atrazine	4.5 U	4.7 U
µg/L	SW8270	Benzaldehyde	4.5 U	4.7 U
µg/L	SW8270	Benzo(a)anthracene	4.5 U	4.7 U
µg/L	SW8270	Benzo(a)pyrene	4.5 U	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	4.5 U	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.5 U	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	4.5 U	4.7 U
µg/L	SW8270	Biphenyl	4.5 U	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.5 U	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.5 U	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.5 U	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.5 U	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.5 U	4.7 U
µg/L	SW8270	Caprolactam	4.5 UJ	4.7 UJ
µg/L	SW8270	Carbazole	4.5 U	4.7 U
µg/L	SW8270	Chrysene	4.5 U	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.5 U	4.7 U
µg/L	SW8270	Di-n-octyl phthalate	4.5 U	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.5 U	4.7 U
µg/L	SW8270	Dibenzofuran	9.1 U	9.3 U
µg/L	SW8270	Diethyl phthalate	4.5 U	4.7 U
µg/L	SW8270	Dimethyl phthalate	4.5 U	4.7 U
µg/L	SW8270	Fluoranthene	4.5 U	4.7 U
µg/L	SW8270	Fluorene	4.5 U	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.5 U	4.7 U

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B RFI-18 0314	BCC Area B RFI-27 0314
		Location	RFI-18	RFI-27
		Sample Date	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1
Units	**Method**	**Parameter Name**		
µg/L	SW8270	Hexachlorobutadiene	4.5 U	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.5 U	4.7 U
µg/L	SW8270	Hexachloroethane	4.5 U	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.5 U	4.7 U
µg/L	SW8270	Isophorone	4.5 U	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.5 U	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.5 U	4.7 U
µg/L	SW8270	Naphthalene	4.5 U	4.7 U
µg/L	SW8270	Nitrobenzene	4.5 U	4.7 U
µg/L	SW8270	Pentachlorophenol	9.1 U	9.3 U
µg/L	SW8270	Phenanthrene	4.5 U	4.7 U
µg/L	SW8270	Phenol	4.5 U	4.7 U
µg/L	SW8270	Pyrene	4.5 U	4.7 U

Notes:

U = undetected

J = estimated value

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

		Field Sample ID	BCC Area B RFI-28 0314	BCC Area B RFI-28D 0314	BCC Area B RFI-30 0314	TRIP BLANK 032714
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	03/27/2014	03/27/2014	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1	480-56840-1	480-56840-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.063 J	
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.040	0.037	0.015 U	
mg/L	SW6010	Barium	0.015	0.015	0.030	
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	250	251	273	
mg/L	SW6010	Chromium	0.0055	0.0056	0.50	
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0021 J	
mg/L	SW6010	Copper	0.0021 J	0.0016 J	0.026	
mg/L	SW6010	Iron	0.13	0.12	7.5	
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U	
mg/L	SW6010	Magnesium	21.3	21.2	119	
mg/L	SW6010	Manganese	0.23	0.23	0.33	
mg/L	SW6010	Nickel	0.0019 J	0.010 U	0.48	
mg/L	SW6010	Potassium	6.9	6.8	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	359	349	
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.015	0.014	0.0022 J	
mg/L	SW6010	Zinc	0.010 U	0.0021 J	0.011	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	
µg/L	SW8260	1,1,1-Trichloroethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	10 U	1.0 U	1.0 U	1.0 U

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B RFI-28 0314	BCC Area B RFI-28D 0314	BCC Area B RFI-30 0314	TRIP BLANK 032714
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	03/27/2014	03/27/2014	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1	480-56840-1	480-56840-1
Units	Method	Parameter Name				
µg/L	SW8260	1,2-Dibromoethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	100 U	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	50 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	50 U	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	100 U	10 U	10 U	10 U
µg/L	SW8260	Benzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	25 U	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	10 U	1.0 U	1.0 U	1.0 U

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B RFI-28 0314	BCC Area B RFI-28D 0314	BCC Area B RFI-30 0314	TRIP BLANK 032714
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	03/27/2014	03/27/2014	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1	480-56840-1	480-56840-1
Units	Method	Parameter Name				
µg/L	SW8260	Styrene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	10 U	0.58 J	0.96 J	1.0 U
µg/L	SW8260	Toluene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	10 U	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	20 U	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2,4-Dichlorophenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2,4-Dimethylphenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2,4-Dinitrophenol	9.4 U	9.3 U	9.2 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2-Chloronaphthalene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2-Chlorophenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2-Methylnaphthalene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2-Methylphenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	2-Nitroaniline	9.4 U	9.3 U	9.2 U	
µg/L	SW8270	2-Nitrophenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	3-Nitroaniline	9.4 U	9.3 U	9.2 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.4 U	9.3 U	9.2 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	4-Chloroaniline	2.4 J	2.5 J	4.6 UJ	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	4-Methylphenol	9.4 U	9.3 U	9.2 U	
µg/L	SW8270	4-Nitroaniline	9.4 U	9.3 U	9.2 U	

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

			Field Sample ID	BCC Area B RFI-28 0314	BCC Area B RFI-28D 0314	BCC Area B RFI-30 0314	TRIP BLANK 032714
			Location	RFI-28	RFI-28	RFI-30	QC
			Sample Date	03/27/2014	03/27/2014	03/27/2014	03/27/2014
			Sample Delivery Group	480-56840-1	480-56840-1	480-56840-1	480-56840-1
Units	Method	Parameter Name					
µg/L	SW8270	4-Nitrophenol		9.4 U	9.3 U	9.2 U	
µg/L	SW8270	Acenaphthene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Acenaphthylene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Acetophenone		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Aniline		2.6 J	3.5 J	9.2 UJ	
µg/L	SW8270	Anthracene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Atrazine		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Benzaldehyde		4.7 UJ	4.7 U	4.6 U	
µg/L	SW8270	Benzo(a)anthracene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Benzo(a)pyrene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Benzo(b)fluoranthene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Benzo(g,h,i)perylene		4.7 UJ	4.7 U	4.6 U	
µg/L	SW8270	Benzo(k)fluoranthene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Biphenyl		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Bis(2-chloroethyl)ether		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Butyl benzyl phthalate		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Caprolactam		4.7 UJ	4.7 UJ	4.6 UJ	
µg/L	SW8270	Carbazole		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Chrysene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Di-n-butyl phthalate		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Di-n-octyl phthalate		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Dibenz(a,h)anthracene		4.7 UJ	4.7 U	4.6 U	
µg/L	SW8270	Dibenzofuran		9.4 U	9.3 U	9.2 U	
µg/L	SW8270	Diethyl phthalate		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Dimethyl phthalate		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Fluoranthene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Fluorene		4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Hexachlorobenzene		4.7 U	4.7 U	4.6 U	

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

		Field Sample ID	BCC Area B RFI-28 0314	BCC Area B RFI-28D 0314	BCC Area B RFI-30 0314	TRIP BLANK 032714
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	03/27/2014	03/27/2014	03/27/2014	03/27/2014
		Sample Delivery Group	480-56840-1	480-56840-1	480-56840-1	480-56840-1
Units	Method	Parameter Name				
µg/L	SW8270	Hexachlorobutadiene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Hexachloroethane	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Isophorone	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	N-Nitrosodiphenylamine	2.3 J	2.4 J	4.6 U	
µg/L	SW8270	Naphthalene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Nitrobenzene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Pentachlorophenol	9.4 U	9.3 U	9.2 U	
µg/L	SW8270	Phenanthrene	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Phenol	4.7 U	4.7 U	4.6 U	
µg/L	SW8270	Pyrene	4.7 U	4.7 U	4.6 U	

Notes:
U = undetected
J = estimated value

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

		Field Sample ID	BCC Area B_RFI-18_0614	BCC Area B_RFI-27_0614	BCC Area B_RFI-27D_0614	BCC Area B_RFI-28_0614	BCC Area B_RFI-30_0614	TRIP BLANK_062314
		Location	RFI-18	RFI-27	RFI-27	RFI-28	RFI-30	QC
		Sample Date	06/23/2014	06/23/2014	06/23/2014	06/23/2014	06/23/2014	06/23/2014
		Sample Delivery Group	480-62504-1	480-62504-1	480-62504-1	480-62504-1	480-62504-1	480-62504-1
Units	Method	Parameter Name						
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	3.0 J	100 U	10 U	100 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	50 U	5.0 U	50 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	50 U	5.0 U	50 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	7.9 J	100 U	10 U	100 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	10 U	0.69 J	10 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	10 U	4.0	10 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	10 U	1.0	10 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	25 U	2.5 U	25 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	680	570 J	14 U	1.0 U	12
µg/L	SW8260	Toluene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	53	52	10 U	1.0 U	1.1
µg/L	SW8260	Trichlorofluoromethane	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	10 U	1.0 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	20 U	2.0 U	20 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dichlorophenol	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dimethylphenol	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2,4-Dinitrophenol	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2,6-Dinitrotoluene	9.8	0.87 J	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2-Chloronaphthalene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	

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

		Field Sample ID	BCC Area B_RFI-18_0614	BCC Area B_RFI-27_0614	BCC Area B_RFI-27D_0614	BCC Area B_RFI-28_0614	BCC Area B_RFI-30_0614	TRIP BLANK_062314
		Location	RFI-18	RFI-27	RFI-27	RFI-28	RFI-30	QC
		Sample Date	06/23/2014	06/23/2014	06/23/2014	06/23/2014	06/23/2014	06/23/2014
		Sample Delivery Group	480-62504-1	480-62504-1	480-62504-1	480-62504-1	480-62504-1	480-62504-1
Units	Method	Parameter Name						
µg/L	SW8270	2-Chlorophenol	4.9 U	4.8 U	0.58 J	4.8 U	4.8 U	
µg/L	SW8270	2-Methylnaphthalene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2-Methylphenol	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	2-Nitroaniline	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	2-Nitrophenol	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	3-Nitroaniline	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	4-Chloroaniline	4.9 UJ	4.8 UJ	4.8 UJ	2.2 J	4.8 UJ	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	4-Methylphenol	9.7 U	9.5 U	9.6 U	0.42 J	9.5 U	
µg/L	SW8270	4-Nitroaniline	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	4-Nitrophenol	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	Acenaphthene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Acenaphthylene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Acetophenone	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Aniline	1.5 J	9.5 U	9.6 U	5.6 J	9.5 U	
µg/L	SW8270	Anthracene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Atrazine	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Benzaldehyde	4.9 U	0.28 J	0.42 J	4.8 U	0.31 J	
µg/L	SW8270	Benzo(a)anthracene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Benzo(a)pyrene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Biphenyl	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B_RFI-18_0614	BCC Area B_RFI-27_0614	BCC Area B_RFI-27D_0614	BCC Area B_RFI-28_0614	BCC Area B_RFI-30_0614	TRIP BLANK_062314
		Location	RFI-18	RFI-27	RFI-27	RFI-28	RFI-30	QC
		Sample Date	06/23/2014	06/23/2014	06/23/2014	06/23/2014	06/23/2014	06/23/2014
		Sample Delivery Group	480-62504-1	480-62504-1	480-62504-1	480-62504-1	480-62504-1	480-62504-1
Units	Method	Parameter Name						
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Butyl benzyl phthalate	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Caprolactam	4.9 UJ	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ	
µg/L	SW8270	Carbazole	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Chrysene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Di-n-butyl phthalate	4.9 U	4.8 U	4.8 U	0.49 J	4.8 U	
µg/L	SW8270	Di-n-octyl phthalate	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Dibenzofuran	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	Diethyl phthalate	0.21 J	0.21 J	0.22 J	0.23 J	0.22 J	
µg/L	SW8270	Dimethyl phthalate	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Fluoranthene	4.9 U	4.8 U	4.8 U	0.39 J	4.8 U	
µg/L	SW8270	Fluorene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Hexachlorobenzene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Hexachlorobutadiene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Hexachloroethane	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Isophorone	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Naphthalene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Nitrobenzene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Pentachlorophenol	9.7 U	9.5 U	9.6 U	9.5 U	9.5 U	
µg/L	SW8270	Phenanthrene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	
µg/L	SW8270	Phenol	4.9 U	0.40 J	2.4 J	4.8 U	0.41 J	
µg/L	SW8270	Pyrene	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	

Notes:
U = undetected
J = estimated value

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

			Field Sample ID	BCC Area B_RFI-18_0614	BCC Area B_RFI-27_0614	BCC Area B_RFI-27D_0614
			Location	RFI-18	RFI-27	RFI-27
			Sample Date	06/23/2014	06/23/2014	06/23/2014
			ample Delivery Group	480-62504-1	480-62504-1	480-62504-1
Units	Method	arameter Nam	Filtered			
mg/L	SW6010	Aluminum	N	0.23	0.095 J	0.063 J
mg/L	SW6010	Antimony	N	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	N	0.015 U	0.015 U	0.015 U
mg/L	SW6010	Barium	N	0.14	0.042	0.039
mg/L	SW6010	Beryllium	N	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	N	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	N	285	214	209
mg/L	SW6010	Chromium	N	0.0018 J	0.27 J	0.17
mg/L	SW6010	Cobalt	N	0.0040 U	0.032	0.031
mg/L	SW6010	Copper	N	0.0052 J	0.036	0.032
mg/L	SW6010	Iron	N	0.035 J	3.6	2.9
mg/L	SW6010	Lead	N	0.010 U	0.010 U	0.0036 J
mg/L	SW6010	Magnesium	N	0.96	101	95.7
mg/L	SW6010	Manganese	N	0.0011 J	1.1	1.0
mg/L	SW6010	Nickel	N	0.010 U	0.62 J	0.60
mg/L	SW6010	Potassium	N	3.4	2.3	2.2
mg/L	SW6010	Selenium	N	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	N	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	N	75.4	277	271
mg/L	SW6010	Thallium	N	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	N	0.0050 U	0.0050 U	0.0050 U
mg/L	SW6010	Zinc	N	0.0077 J	0.0069 J	0.0076 J
mg/L	SW7470	Mercury	N	0.00020 U	0.00020 U	0.00020 U
mg/L	SW6010	Aluminum	Y			
mg/L	SW6010	Antimony	Y			
mg/L	SW6010	Arsenic	Y			
mg/L	SW6010	Barium	Y			

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

			Field Sample ID	BCC Area B_RFI-18_0614	BCC Area B_RFI-27_0614	BCC Area B_RFI-27D_0614
			Location	RFI-18	RFI-27	RFI-27
			Sample Date	06/23/2014	06/23/2014	06/23/2014
			ample Delivery Group	480-62504-1	480-62504-1	480-62504-1
Units	Method	arameter Nam	Filtered			
mg/L	SW6010	Beryllium	Y			
mg/L	SW6010	Cadmium	Y			
mg/L	SW6010	Calcium	Y			
mg/L	SW6010	Chromium	Y			
mg/L	SW6010	Cobalt	Y			
mg/L	SW6010	Copper	Y			
mg/L	SW6010	Iron	Y			
mg/L	SW6010	Lead	Y			
mg/L	SW6010	Magnesium	Y			
mg/L	SW6010	Manganese	Y			
mg/L	SW6010	Nickel	Y			
mg/L	SW6010	Potassium	Y			
mg/L	SW6010	Selenium	Y			
mg/L	SW6010	Silver	Y			
mg/L	SW6010	Sodium	Y			
mg/L	SW6010	Thallium	Y			
mg/L	SW6010	Vanadium	Y			
mg/L	SW6010	Zinc	Y			
mg/L	SW7470	Mercury	Y			

Notes:
U = undetected
J = estimated value

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

		Field Sample ID	BCC Area B_RFI-28_0614	BCC Area B_RFI-30_0614	BCC Area B_RFI-30F_0614
		Location	RFI-28	RFI-30	RFI-30
		Sample Date	06/23/2014	06/23/2014	06/23/2014
		ample Delivery Group	480-62504-1	480-62504-1	480-62504-1
Units	Method	arameter Nan	Filtered		
mg/L	SW6010	Aluminum	N	2.0	0.14 J	
mg/L	SW6010	Antimony	N	0.020 U	0.024	
mg/L	SW6010	Arsenic	N	0.034	0.0089 J	
mg/L	SW6010	Barium	N	0.024	0.039	
mg/L	SW6010	Beryllium	N	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	N	0.00071 J	0.00068 J	
mg/L	SW6010	Calcium	N	136	276	
mg/L	SW6010	Chromium	N	0.042	2.2	
mg/L	SW6010	Cobalt	N	0.0014 J	0.018	
mg/L	SW6010	Copper	N	0.033	0.054	
mg/L	SW6010	Iron	N	3.0	8.1	
mg/L	SW6010	Lead	N	0.022	0.0038 J	
mg/L	SW6010	Magnesium	N	14.6	108	
mg/L	SW6010	Manganese	N	0.16	0.82	
mg/L	SW6010	Nickel	N	0.038	0.53	
mg/L	SW6010	Potassium	N	5.9	1.6	
mg/L	SW6010	Selenium	N	0.025 U	0.025 U	
mg/L	SW6010	Silver	N	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	N	306	333	
mg/L	SW6010	Thallium	N	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	N	0.014	0.012	
mg/L	SW6010	Zinc	N	0.051	0.030	
mg/L	SW7470	Mercury	N	0.00020 U	0.00020 U	
mg/L	SW6010	Aluminum	Y			0.20 U
mg/L	SW6010	Antimony	Y			0.020 U
mg/L	SW6010	Arsenic	Y			0.015 U
mg/L	SW6010	Barium	Y			0.031

Prepared by:Bindu Lingaiah 05/07/2014
Reviewed by: Lakshmi Devi 05/07/2014

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

		Field Sample ID	BCC Area B_RFI-28_0614	BCC Area B_RFI-30_0614	BCC Area B_RFI-30F_0614
		Location	RFI-28	RFI-30	RFI-30
		Sample Date	06/23/2014	06/23/2014	06/23/2014
		ample Delivery Group	480-62504-1	480-62504-1	480-62504-1
Units	Method	arameter Nan	Filtered		
mg/L	SW6010	Beryllium	Y		0.0020 U
mg/L	SW6010	Cadmium	Y		0.00068 J
mg/L	SW6010	Calcium	Y		263
mg/L	SW6010	Chromium	Y		0.0040 U
mg/L	SW6010	Cobalt	Y		0.0018 J
mg/L	SW6010	Copper	Y		0.0073 J
mg/L	SW6010	Iron	Y		0.029 J
mg/L	SW6010	Lead	Y		0.010 U
mg/L	SW6010	Magnesium	Y		110
mg/L	SW6010	Manganese	Y		0.46
mg/L	SW6010	Nickel	Y		0.43
mg/L	SW6010	Potassium	Y		1.6
mg/L	SW6010	Selenium	Y		0.025 U
mg/L	SW6010	Silver	Y		0.0060 U
mg/L	SW6010	Sodium	Y		318
mg/L	SW6010	Thallium	Y		0.020 U
mg/L	SW6010	Vanadium	Y		0.0050 U
mg/L	SW6010	Zinc	Y		0.020
mg/L	SW7470	Mercury	Y		0.00020 U

Notes:
U = undetected
J = estimated value

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

		Field Sample ID	BCC Area B RFI-18 090414	BCC Area B RFI-27 090414
		Location	RFI-18	RFI-27
		Sample Date	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1
Units	Method	Parameter Name		
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	10 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	10 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	10 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	10 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	10 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	10 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	10 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	10 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	10 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	10 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	10 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	10 U
µg/L	SW8260	2-Butanone (MEK)	10 U	100 U
µg/L	SW8260	2-Hexanone	5.0 U	50 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	50 U
µg/L	SW8260	Acetone	10 U	100 U
µg/L	SW8260	Benzene	1.0 U	10 U
µg/L	SW8260	Bromodichloromethane	1.0 U	10 U
µg/L	SW8260	Bromoform	1.0 U	10 U
µg/L	SW8260	Bromomethane	1.0 U	10 U
µg/L	SW8260	Carbon disulfide	1.0 U	10 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	10 U
µg/L	SW8260	Chlorobenzene	1.0 U	10 U
µg/L	SW8260	Chloroethane	1.0 U	10 U
µg/L	SW8260	Chloroform	1.0 U	10 U
µg/L	SW8260	Chloromethane	1.0 U	10 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	10 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	10 U

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

		Field Sample ID	BCC Area B RFI-18 090414	BCC Area B RFI-27 090414
		Location	RFI-18	RFI-27
		Sample Date	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1
Units	Method	Parameter Name		
µg/L	SW8260	Cyclohexane	1.0 U	10 U
µg/L	SW8260	Dibromochloromethane	1.0 U	10 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	10 U
µg/L	SW8260	Ethylbenzene	1.0 U	10 U
µg/L	SW8260	Isopropylbenzene	1.0 U	10 U
µg/L	SW8260	Methyl acetate	2.5 U	25 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	10 U
µg/L	SW8260	Methylcyclohexane	1.0 U	10 U
µg/L	SW8260	Methylene Chloride	1.0 U	10 U
µg/L	SW8260	Styrene	1.0 U	10 U
µg/L	SW8260	Tetrachloroethene	1.0 U	620
µg/L	SW8260	Toluene	1.0 U	10 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	10 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	10 U
µg/L	SW8260	Trichloroethene	1.0 U	55
µg/L	SW8260	Trichlorofluoromethane	1.0 U	10 U
µg/L	SW8260	Vinyl chloride	1.0 U	10 U
µg/L	SW8260	Xylenes, Total	2.0 U	20 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.3 U	9.3 U
µg/L	SW8270	2,4,6-Trichlorophenol	9.3 U	9.3 U
µg/L	SW8270	2,4-Dichlorophenol	9.3 U	9.3 U
µg/L	SW8270	2,4-Dimethylphenol	9.3 U	9.3 U
µg/L	SW8270	2,4-Dinitrophenol	46 U	46 U
µg/L	SW8270	2,4-Dinitrotoluene	9.3 U	9.3 U
µg/L	SW8270	2,6-Dinitrotoluene	9.3 U	9.3 U
µg/L	SW8270	2-Chloronaphthalene	1.9 U	1.9 U
µg/L	SW8270	2-Chlorophenol	9.3 U	9.3 U
µg/L	SW8270	2-Methylnaphthalene	1.9 U	1.9 U
µg/L	SW8270	2-Methylphenol	9.3 U	9.3 U
µg/L	SW8270	2-Nitroaniline	46 U	46 U
µg/L	SW8270	2-Nitrophenol	9.3 U	9.3 U
µg/L	SW8270	3,3'-Dichlorobenzidine	9.3 U	9.3 U
µg/L	SW8270	3-Nitroaniline	46 U	46 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	46 U	46 U

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

		Field Sample ID	BCC Area B RFI-18 090414	BCC Area B RFI-27 090414
		Location	RFI-18	RFI-27
		Sample Date	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1
Units	Method	Parameter Name		
µg/L	SW8270	4-Bromophenyl phenyl ether	9.3 U	9.3 U
µg/L	SW8270	4-Chloro-3-methylphenol	9.3 U	9.3 U
µg/L	SW8270	4-Chloroaniline	9.3 U	9.3 U
µg/L	SW8270	4-Chlorophenyl phenyl ether	9.3 U	9.3 U
µg/L	SW8270	4-Methylphenol	9.3 U	9.3 U
µg/L	SW8270	4-Nitroaniline	46 U	46 U
µg/L	SW8270	4-Nitrophenol	46 U	46 U
µg/L	SW8270	Acenaphthene	1.9 U	1.9 U
µg/L	SW8270	Acenaphthylene	1.9 U	1.9 U
µg/L	SW8270	Acetophenone	19 U	19 U
µg/L	SW8270	Aniline	9.6	9.3 U
µg/L	SW8270	Anthracene	1.9 U	1.9 U
µg/L	SW8270	Atrazine	19 U	19 U
µg/L	SW8270	Benzaldehyde	19 U	19 U
µg/L	SW8270	Benzo(a)anthracene	1.9 U	1.9 U
µg/L	SW8270	Benzo(a)pyrene	1.9 U	1.9 U
µg/L	SW8270	Benzo(b)fluoranthene	1.9 U	1.9 U
µg/L	SW8270	Benzo(g,h,i)perylene	1.9 U	1.9 U
µg/L	SW8270	Benzo(k)fluoranthene	1.9 U	1.9 U
µg/L	SW8270	Biphenyl	9.3 U	9.3 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	9.3 U	9.3 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	9.3 U	9.3 U
µg/L	SW8270	Bis(2-chloroethyl)ether	9.3 U	9.3 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	19 U	19 U
µg/L	SW8270	Butyl benzyl phthalate	9.3 U	9.3 U
µg/L	SW8270	Caprolactam	46 U	46 U
µg/L	SW8270	Carbazole	9.3 U	9.3 U
µg/L	SW8270	Chrysene	1.9 U	1.9 U
µg/L	SW8270	Di-n-butyl phthalate	9.3 U	9.3 U
µg/L	SW8270	Di-n-octyl phthalate	9.3 U	9.3 U
µg/L	SW8270	Dibenz(a,h)anthracene	1.9 U	1.9 U
µg/L	SW8270	Dibenzofuran	9.3 U	9.3 U
µg/L	SW8270	Diethyl phthalate	2.7 J	9.3 U
µg/L	SW8270	Dimethyl phthalate	9.3 U	9.3 U

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

		Field Sample ID	BCC Area B RFI-18 090414	BCC Area B RFI-27 090414
		Location	RFI-18	RFI-27
		Sample Date	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1
Units	Method	Parameter Name		
µg/L	SW8270	Fluoranthene	1.9 U	1.9 U
µg/L	SW8270	Fluorene	1.9 U	1.9 U
µg/L	SW8270	Hexachlorobenzene	9.3 U	9.3 U
µg/L	SW8270	Hexachlorobutadiene	9.3 U	9.3 U
µg/L	SW8270	Hexachlorocyclopentadiene	9.3 U	9.3 U
µg/L	SW8270	Hexachloroethane	9.3 U	9.3 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	1.9 U	1.9 U
µg/L	SW8270	Isophorone	9.3 U	9.3 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	9.3 U	9.3 U
µg/L	SW8270	N-Nitrosodiphenylamine	9.3 U	9.3 U
µg/L	SW8270	Naphthalene	1.9 U	1.9 U
µg/L	SW8270	Nitrobenzene	19 U	19 U
µg/L	SW8270	Pentachlorophenol	9.3 U	9.3 U
µg/L	SW8270	Phenanthrene	1.9 U	1.9 U
µg/L	SW8270	Phenol	9.3 U	9.3 U
µg/L	SW8270	Pyrene	1.9 U	1.9 U
mg/L	SW6010	Aluminum	0.45	0.20 U
mg/L	SW6010	Antimony	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.021	0.0065 J
mg/L	SW6010	Barium	0.096	0.043
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	651	219
mg/L	SW6010	Chromium	0.020	0.41
mg/L	SW6010	Cobalt	0.011	0.011

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

		Field Sample ID	BCC Area B RFI-18 090414	BCC Area B RFI-27 090414
		Location	RFI-18	RFI-27
		Sample Date	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1
Units	Method	Parameter Name		
mg/L	SW6010	Copper	0.0090 J	0.013
mg/L	SW6010	Iron	18.0	2.5
mg/L	SW6010	Lead	0.0039 J	0.010 U
mg/L	SW6010	Magnesium	219	103
mg/L	SW6010	Manganese	3.2	0.66
mg/L	SW6010	Nickel	0.033	0.28
mg/L	SW6010	Potassium	2.4	2.3
mg/L	SW6010	Selenium	0.013 J	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	840	304
mg/L	SW6010	Thallium	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0018 J
mg/L	SW6010	Zinc	0.017	0.0033 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U

Notes:
U = undetected
J = estimated value

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

		Field Sample ID	BCC Area B RFI-28 090414	BCC Area B RFI-28D 090414	BCC Area B RFI-30 090414	TRIP BLANK_090414
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	09/04/2014	09/04/2014	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1	480-66679-1	480-66679-1
Units	Method	Parameter Name				
µg/L	SW8260	1,1,1-Trichloroethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	100 U	100 U	10 U	10 U
µg/L	SW8260	2-Hexanone	50 U	50 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	50 U	50 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	100 U	100 U	10 U	10 U
µg/L	SW8260	Benzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	10 U	10 U	1.0 U	1.0 U

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

		Field Sample ID	BCC Area B RFI-28 090414	BCC Area B RFI-28D 090414	BCC Area B RFI-30 090414	TRIP BLANK_090414
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	09/04/2014	09/04/2014	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1	480-66679-1	480-66679-1
Units	Method	Parameter Name				
µg/L	SW8260	Cyclohexane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	25 U	25 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	10 U	10 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	20 U	20 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2,4,6-Trichlorophenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2,4-Dichlorophenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2,4-Dimethylphenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2,4-Dinitrophenol	48 U	48 U	48 U	
µg/L	SW8270	2,4-Dinitrotoluene	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2,6-Dinitrotoluene	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2-Chloronaphthalene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	2-Chlorophenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2-Methylnaphthalene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	2-Methylphenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	2-Nitroaniline	48 U	48 U	48 U	
µg/L	SW8270	2-Nitrophenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	3-Nitroaniline	48 U	48 U	48 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	48 U	48 U	48 U	

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

		Field Sample ID	BCC Area B RFI-28 090414	BCC Area B RFI-28D 090414	BCC Area B RFI-30 090414	TRIP BLANK_090414
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	09/04/2014	09/04/2014	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1	480-66679-1	480-66679-1
Units	Method	Parameter Name				
µg/L	SW8270	4-Bromophenyl phenyl ether	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	4-Chloro-3-methylphenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	4-Chloroaniline	3.1 J	9.6 U	9.6 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	4-Methylphenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	4-Nitroaniline	48 U	48 U	48 U	
µg/L	SW8270	4-Nitrophenol	48 U	48 U	48 U	
µg/L	SW8270	Acenaphthene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Acenaphthylene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Acetophenone	19 U	19 U	19 U	
µg/L	SW8270	Aniline	7.1 J	4.4 J	9.6 U	
µg/L	SW8270	Anthracene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Atrazine	19 U	19 U	19 U	
µg/L	SW8270	Benzaldehyde	19 U	19 U	19 U	
µg/L	SW8270	Benzo(a)anthracene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Benzo(a)pyrene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Benzo(b)fluoranthene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Benzo(g,h,i)perylene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Benzo(k)fluoranthene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Biphenyl	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	19 U	7.7 J	19 U	
µg/L	SW8270	Butyl benzyl phthalate	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Caprolactam	48 U	48 U	48 U	
µg/L	SW8270	Carbazole	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Chrysene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Di-n-butyl phthalate	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Di-n-octyl phthalate	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Dibenz(a,h)anthracene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Dibenzofuran	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Diethyl phthalate	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Dimethyl phthalate	9.6 U	9.6 U	9.6 U	

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

		Field Sample ID	BCC Area B RFI-28 090414	BCC Area B RFI-28D 090414	BCC Area B RFI-30 090414	TRIP BLANK_090414
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	09/04/2014	09/04/2014	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1	480-66679-1	480-66679-1
Units	Method	Parameter Name				
µg/L	SW8270	Fluoranthene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Fluorene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Hexachlorobenzene	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Hexachlorobutadiene	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Hexachlorocyclopentadiene	9.6 UJ	9.6 U	9.6 U	
µg/L	SW8270	Hexachloroethane	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Isophorone	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	N-Nitrosodiphenylamine	1.8 J	1.6 J	9.6 U	
µg/L	SW8270	Naphthalene	1.0 J	1.9 U	1.9 U	
µg/L	SW8270	Nitrobenzene	19 U	19 U	19 U	
µg/L	SW8270	Pentachlorophenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Phenanthrene	1.9 U	1.9 U	1.9 U	
µg/L	SW8270	Phenol	9.6 U	9.6 U	9.6 U	
µg/L	SW8270	Pyrene	1.9 U	1.9 U	1.9 U	
mg/L	SW6010	Aluminum	0.077 J	0.083 J	0.20 U	
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.041	0.042	0.0069 J	
mg/L	SW6010	Barium	0.026	0.025	0.038	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.00062 J	
mg/L	SW6010	Calcium	178	177	280	
mg/L	SW6010	Chromium	0.0067	0.0053	0.88	
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0061	

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

		Field Sample ID	BCC Area B RFI-28 090414	BCC Area B RFI-28D 090414	BCC Area B RFI-30 090414	TRIP BLANK_090414
		Location	RFI-28	RFI-28	RFI-30	QC
		Sample Date	09/04/2014	09/04/2014	09/04/2014	09/04/2014
		Sample Delivery Group	480-66679-1	480-66679-1	480-66679-1	480-66679-1
Units	Method	Parameter Name				
mg/L	SW6010	Copper	0.0034 J	0.0032 J	0.027	
mg/L	SW6010	Iron	0.29	0.29	4.5	
mg/L	SW6010	Lead	0.010 U	0.010 U	0.010 U	
mg/L	SW6010	Magnesium	17.1	16.8	104	
mg/L	SW6010	Manganese	0.16	0.16	0.69	
mg/L	SW6010	Nickel	0.0040 J	0.0043 J	0.21	
mg/L	SW6010	Potassium	6.9	6.7	1.7	
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	353	349	364	
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.016	0.016	0.0044 J	
mg/L	SW6010	Zinc	0.0039 J	0.0022 J	0.018	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	

Notes:
U = undetected
J = estimated value

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

		Field Sample ID	BCC_Area B_RFI-18_111214	BCC_Area B_RFI-27_111214	BCC_Area B_RFI-28_111214
		Location	RFI-18	RFI-27	RFI-28
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8260	1,1,1-Trichloroethane	1.0 U	10 U	10 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	1.0 U	10 U	10 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroetha	1.0 U	10 U	10 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	10 U	10 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	10 U	10 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	10 U	10 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	10 U	10 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	10 U	10 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	10 U	10 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	10 U	10 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	10 U	10 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	10 U	10 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	10 U	10 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	10 U	10 U
µg/L	SW8260	2-Butanone (MEK)	10 U	100 U	100 U
µg/L	SW8260	2-Hexanone	5.0 U	50 U	50 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	50 U	50 U
µg/L	SW8260	Acetone	10 U	100 U	100 U
µg/L	SW8260	Benzene	1.0 U	10 U	10 U
µg/L	SW8260	Bromodichloromethane	1.0 U	10 U	10 U
µg/L	SW8260	Bromoform	1.0 U	10 U	10 U
µg/L	SW8260	Bromomethane	1.0 U	10 U	10 U
µg/L	SW8260	Carbon disulfide	1.0 U	10 U	10 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	10 U	10 U
µg/L	SW8260	Chlorobenzene	1.0 U	9.8 J	10 U
µg/L	SW8260	Chloroethane	1.0 U	10 U	10 U

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

		Field Sample ID	BCC_Area B_RFI-18_111214	BCC_Area B_RFI-27_111214	BCC_Area B_RFI-28_111214
		Location	RFI-18	RFI-27	RFI-28
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8260	Chloroform	1.0 U	10 U	10 U
µg/L	SW8260	Chloromethane	1.0 U	10 U	10 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	10 U	10 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	10 U	10 U
µg/L	SW8260	Cyclohexane	1.0 U	10 U	10 U
µg/L	SW8260	Dibromochloromethane	1.0 U	10 U	10 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	10 U	10 U
µg/L	SW8260	Ethylbenzene	1.0 U	10 U	10 U
µg/L	SW8260	Isopropylbenzene	1.0 U	10 U	10 U
µg/L	SW8260	Methyl acetate	2.5 U	25 U	25 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	10 U	10 U
µg/L	SW8260	Methylcyclohexane	1.0 U	10 U	10 U
µg/L	SW8260	Methylene Chloride	1.0 U	10 U	10 U
µg/L	SW8260	Styrene	1.0 U	10 U	10 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1000	10 U
µg/L	SW8260	Toluene	1.0 U	10 U	10 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	10 U	10 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	10 U	10 U
µg/L	SW8260	Trichloroethene	1.0 U	70	10 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	10 U	10 U
µg/L	SW8260	Vinyl chloride	1.0 U	10 U	10 U
µg/L	SW8260	Xylenes, Total	2.0 U	20 U	20 U
µg/L	SW8270	2,4,5-Trichlorophenol	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2,4,6-Trichlorophenol	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2,4-Dichlorophenol	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2,4-Dimethylphenol	5.0 U	4.9 U	5.0 U

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

		Field Sample ID	BCC_Area B_RFI-18_111214	BCC_Area B_RFI-27_111214	BCC_Area B_RFI-28_111214
		Location	RFI-18	RFI-27	RFI-28
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4-Dinitrophenol	9.9 U	9.8 U	10 U
µg/L	SW8270	2,4-Dinitrotoluene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2,6-Dinitrotoluene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2-Chloronaphthalene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2-Chlorophenol	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2-Methylnaphthalene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2-Methylphenol	5.0 U	4.9 U	5.0 U
µg/L	SW8270	2-Nitroaniline	9.9 U	9.8 U	10 U
µg/L	SW8270	2-Nitrophenol	5.0 U	4.9 U	5.0 U
µg/L	SW8270	3,3'-Dichlorobenzidine	5.0 U	4.9 U	5.0 U
µg/L	SW8270	3-Nitroaniline	9.9 U	9.8 U	10 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.9 U	9.8 U	10 U
µg/L	SW8270	4-Bromophenyl phenyl ether	5.0 U	4.9 U	5.0 U
µg/L	SW8270	4-Chloro-3-methylphenol	5.0 U	4.9 U	5.0 U
µg/L	SW8270	4-Chloroaniline	5.0 UJ	4.9 UJ	3.5 J
µg/L	SW8270	4-Chlorophenyl phenyl ether	5.0 U	4.9 U	5.0 U
µg/L	SW8270	4-Methylphenol	9.9 U	9.8 U	10 U
µg/L	SW8270	4-Nitroaniline	9.9 U	9.8 U	10 U
µg/L	SW8270	4-Nitrophenol	9.9 U	9.8 U	10 U
µg/L	SW8270	Acenaphthene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Acenaphthylene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Acetophenone	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Aniline	2.1 J	9.8 U	4.8 J
µg/L	SW8270	Anthracene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Atrazine	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Benzaldehyde	5.0 U	4.9 U	5.0 U

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

		Field Sample ID	BCC_Area B_RFI-18_111214	BCC_Area B_RFI-27_111214	BCC_Area B_RFI-28_111214
		Location	RFI-18	RFI-27	RFI-28
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8270	Benzo(a)anthracene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Benzo(a)pyrene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Benzo(b)fluoranthene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Benzo(g,h,i)perylene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Benzo(k)fluoranthene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Biphenyl	5.0 U	4.9 U	5.0 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Bis(2-chloroethyl)ether	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Butyl benzyl phthalate	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Caprolactam	5.0 UJ	4.9 UJ	5.0 UJ
µg/L	SW8270	Carbazole	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Chrysene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Di-n-butyl phthalate	5.0 U	0.30 J	5.0 U
µg/L	SW8270	Di-n-octyl phthalate	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Dibenz(a,h)anthracene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Dibenzofuran	9.9 U	9.8 U	10 U
µg/L	SW8270	Diethyl phthalate	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Dimethyl phthalate	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Fluoranthene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Fluorene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Hexachlorobenzene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Hexachlorobutadiene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Hexachlorocyclopentadiene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Hexachloroethane	5.0 U	4.9 U	5.0 U

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

		Field Sample ID	BCC_Area B_RFI-18_111214	BCC_Area B_RFI-27_111214	BCC_Area B_RFI-28_111214
		Location	RFI-18	RFI-27	RFI-28
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Isophorone	5.0 U	4.9 U	5.0 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	5.0 U	4.9 U	5.0 U
µg/L	SW8270	N-Nitrosodiphenylamine	5.0 U	4.9 U	3.4 J
µg/L	SW8270	Naphthalene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Nitrobenzene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Pentachlorophenol	9.9 U	9.8 U	10 U
µg/L	SW8270	Phenanthrene	5.0 U	4.9 U	5.0 U
µg/L	SW8270	Phenol	5.0 U	4.9 U	0.68 J
µg/L	SW8270	Pyrene	5.0 U	4.9 U	5.0 U
mg/L	SW6010	Aluminum	0.55	0.079 J	0.40
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.017	0.015 U	0.050
mg/L	SW6010	Barium	0.099	0.042	0.024
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	900	227	193
mg/L	SW6010	Chromium	0.026	0.43	0.016
mg/L	SW6010	Cobalt	0.013	0.0071	0.0040 U
mg/L	SW6010	Copper	0.0059 J	0.015	0.0076 J
mg/L	SW6010	Iron	23.3	3.3	0.69
mg/L	SW6010	Lead	0.0054 J	0.010 U	0.0048 J
mg/L	SW6010	Magnesium	295	103	17.0
mg/L	SW6010	Manganese	4.5	0.60	0.17
mg/L	SW6010	Nickel	0.040	0.21	0.011
mg/L	SW6010	Potassium	2.7	2.3	7.5
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	1050	299	393
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0050 U	0.0019 J	0.019
mg/L	SW6010	Zinc	0.014 U	0.010 U	0.010 U
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U

Notes:
U = undetected
J = estimated value

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

		Field Sample ID	BCC_Area B_RFI-30_111214	BCC_Area B_RFI-30D_111214	TRIP BLANK_111214
		Location	RFI-30	RFI-30	QC
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
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-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dibromoethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,2-Dichloropropane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	2-Butanone (MEK)	10 U	10 U	10 U
µg/L	SW8260	2-Hexanone	5.0 U	5.0 U	5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	5.0 U	5.0 U	5.0 U
µg/L	SW8260	Acetone	10 U	10 U	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U

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

		Field Sample ID	BCC_Area B_RFI-30_111214	BCC_Area B_RFI-30D_111214	TRIP BLANK_111214
		Location	RFI-30	RFI-30	QC
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	0.56 J
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U	4.9 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U	4.9 U	
µg/L	SW8270	2,4-Dichlorophenol	4.9 U	4.9 U	
µg/L	SW8270	2,4-Dimethylphenol	4.9 U	4.9 U	

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

		Field Sample ID	BCC_Area B_RFI-30_111214	BCC_Area B_RFI-30D_111214	TRIP BLANK_111214
		Location	RFI-30	RFI-30	QC
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4-Dinitrophenol	9.8 U	9.9 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U	4.9 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.9 U	4.9 U	
µg/L	SW8270	2-Chloronaphthalene	4.9 U	4.9 U	
µg/L	SW8270	2-Chlorophenol	4.9 U	4.9 U	
µg/L	SW8270	2-Methylnaphthalene	4.9 U	4.9 U	
µg/L	SW8270	2-Methylphenol	4.9 U	4.9 U	
µg/L	SW8270	2-Nitroaniline	9.8 U	9.9 U	
µg/L	SW8270	2-Nitrophenol	4.9 U	4.9 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 U	4.9 U	
µg/L	SW8270	3-Nitroaniline	9.8 U	9.9 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.8 U	9.9 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U	4.9 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U	4.9 U	
µg/L	SW8270	4-Chloroaniline	4.9 UJ	4.9 UJ	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U	4.9 U	
µg/L	SW8270	4-Methylphenol	9.8 U	9.9 U	
µg/L	SW8270	4-Nitroaniline	9.8 UJ	9.9 U	
µg/L	SW8270	4-Nitrophenol	9.8 U	9.9 U	
µg/L	SW8270	Acenaphthene	4.9 U	4.9 U	
µg/L	SW8270	Acenaphthylene	4.9 U	4.9 U	
µg/L	SW8270	Acetophenone	4.9 U	4.9 U	
µg/L	SW8270	Aniline	9.8 UJ	9.9 U	
µg/L	SW8270	Anthracene	4.9 U	4.9 U	
µg/L	SW8270	Atrazine	4.9 U	4.9 U	
µg/L	SW8270	Benzaldehyde	4.9 U	4.9 U	

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

		Field Sample ID	BCC_Area B_RFI-30_111214	BCC_Area B_RFI-30D_111214	TRIP BLANK_111214
		Location	RFI-30	RFI-30	QC
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8270	Benzo(a)anthracene	4.9 U	4.9 U	
µg/L	SW8270	Benzo(a)pyrene	4.9 U	4.9 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.9 U	4.9 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.9 UJ	4.9 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.9 U	4.9 U	
µg/L	SW8270	Biphenyl	4.9 U	4.9 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U	4.9 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U	4.9 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U	4.9 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	22 U	2.2 U	
µg/L	SW8270	Butyl benzyl phthalate	4.9 U	4.9 U	
µg/L	SW8270	Caprolactam	4.9 UJ	4.9 UJ	
µg/L	SW8270	Carbazole	4.9 U	4.9 U	
µg/L	SW8270	Chrysene	4.9 U	4.9 U	
µg/L	SW8270	Di-n-butyl phthalate	4.9 U	4.9 U	
µg/L	SW8270	Di-n-octyl phthalate	4.9 U	4.9 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 UJ	4.9 U	
µg/L	SW8270	Dibenzofuran	9.8 U	9.9 U	
µg/L	SW8270	Diethyl phthalate	4.9 U	4.9 U	
µg/L	SW8270	Dimethyl phthalate	4.9 U	4.9 U	
µg/L	SW8270	Fluoranthene	4.9 U	4.9 U	
µg/L	SW8270	Fluorene	4.9 U	4.9 U	
µg/L	SW8270	Hexachlorobenzene	4.9 U	4.9 U	
µg/L	SW8270	Hexachlorobutadiene	4.9 U	4.9 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 U	4.9 U	
µg/L	SW8270	Hexachloroethane	4.9 U	4.9 U	

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

		Field Sample ID	BCC_Area B_RFI-30_111214	BCC_Area B_RFI-30D_111214	TRIP BLANK_111214
		Location	RFI-30	RFI-30	QC
		Sample Date	11/12/2014	11/12/2014	11/12/2014
		Sample Delivery Group	480-71258-1	480-71258-1	480-71258-1
Units	Method	Parameter Name			
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.9 UJ	4.9 U	
µg/L	SW8270	Isophorone	4.9 U	4.9 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U	4.9 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U	4.9 U	
µg/L	SW8270	Naphthalene	4.9 U	4.9 U	
µg/L	SW8270	Nitrobenzene	4.9 U	4.9 U	
µg/L	SW8270	Pentachlorophenol	9.8 U	9.9 U	
µg/L	SW8270	Phenanthrene	4.9 U	4.9 U	
µg/L	SW8270	Phenol	4.9 U	4.9 U	
µg/L	SW8270	Pyrene	4.9 U	4.9 U	
mg/L	SW6010	Aluminum	0.20 U	0.20 U	
mg/L	SW6010	Antimony	0.020 U	0.020 U	
mg/L	SW6010	Arsenic	0.015 U	0.015 U	
mg/L	SW6010	Barium	0.035	0.035	
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	
mg/L	SW6010	Calcium	292	288	
mg/L	SW6010	Chromium	0.22 J	0.25	
mg/L	SW6010	Cobalt	0.0078	0.0068	
mg/L	SW6010	Copper	0.017	0.017	
mg/L	SW6010	Iron	2.4	2.5	
mg/L	SW6010	Lead	0.010 U	0.010 U	
mg/L	SW6010	Magnesium	102	101	
mg/L	SW6010	Manganese	0.83	0.80	
mg/L	SW6010	Nickel	0.20	0.18	
mg/L	SW6010	Potassium	1.6	1.5	
mg/L	SW6010	Selenium	0.025 U	0.025 U	
mg/L	SW6010	Silver	0.0060 U	0.0060 U	
mg/L	SW6010	Sodium	343	345	
mg/L	SW6010	Thallium	0.020 U	0.020 U	
mg/L	SW6010	Vanadium	0.0050 U	0.0050 U	
mg/L	SW6010	Zinc	0.016 U	0.018 U	
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	

Notes:
U = undetected
J = estimated value

DATA VALIDATION SUMMARY REPORT
AREA A 2014 STORMWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA A
BUFFALO, NEW YORK

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MARCH 2015

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1.0 INTRODUCTION

Data validation was completed on stormwater samples collected during quarterly sampling events completed in March, June, August, and November 2014. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data packages 480-56841-1, 480-62965-1, 480-66157-1, and 480-70898-1. 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 concentrations greater than the quantitation limit.

J = The reported concentration is considered an estimated value.

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

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

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

BL1=Result qualified due to laboratory blank

LCSL=LCS recovery less than the lower criteria limit

MSL=Matrix spike recovery criteria less than the lower limit

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

FD=Field duplicate exceeds RPD criteria

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

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

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

2.1 VOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

* Collection and Preservation
* Holding Times
* Data completeness
* Blanks
* LCS

  MS/MSD

  Field Duplicates
* Surrogate Spikes
* Reporting Limits
* Data Completeness
* Electronic Data Verification

* - Criteria were met for this parameter.

2.1.1 March Event

Field Duplicate

In the field duplicate pair BCC_Area A_DMH-A3_0314 and BCC_Area A_DMH-A3D_0314 the RPD of chlorobenzene exceeded the QC limit of 50. Chlorobenzene result in sample set BCC_Area A_DMH-A3_0314 and BCC_Area A_DMH-A3D were qualified estimated (J) with reason code FD. A summary of qualified sample results is presented in Table 3.

2.1.2 June Event

MS/MSD

MS/MSD analyses were completed using sample BCC Area A_DMH-A3_0614. The MS percent recovery for bromoform (63) was less than the lower QC limit of 70, which may indicate low bias. Bromoform results in sample BCC Area A_DMH-A3_0614 and the associated field duplicate were qualified as estimated (UJ) with reason code MSL.

2.1.3 August Event

MS/MSD

MS/MSD analyses were completed using sample BCC_Area A_DMH-A3_0814. The MS/MSD percent recoveries of chloroethane (69/69) were less than the lower QC limit of 70, which may indicate low bias. Chloroethane results in sample BCC_Area A_DMH-A3_0814 and the associated field duplicate was qualified as estimated (UJ) with reason code MSL/MSDL

2.1.4 November Event

MS/MSD

MS/MSD analyses were completed using sample BCCAreaADMH-A3_110614. The MS percent recoveries for chlorobenzene (132/130) were greater than the upper QC limit of 130, which may indicate high bias. Chlorobenzene result in sample BCCAreaADMH-A3_110614 was qualified as estimated (J) with reason code MSH.

2.2 SEMI VOLATILE ORGANIC COMPOUNDS

The data were evaluated based on the following parameters:

* Collection and Preservation
* Holding Times

  Blanks

  LCS

  MS/MSD
* Field Duplicates
* Surrogate Spikes
* Reporting Limits
* Data Completeness

* Electronic Data Verification

* - Criteria were met for this parameter.

2.2.1 March Event

Blanks

Di-n-butyl phthalate (0.396 µg/L) and butyl benzyl phthalate (0.457 µg/L) were detected below the reporting limit in batch 173429. An action limit was established at ten times the reported blank concentration. Di-n-butyl phthalate and butyl benzyl phthalate results in associated samples were qualified as non-detect (U) at the reporting limit with reason code BL1

LCS

The LCS percent recovery were less than the QC limit of 50 percent for 4-chloroaniline (45), aniline (40) and caprolactam (15), in batch 173059, which may indicate low bias. These analytes were not detected in associated samples and reporting limits are qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code LCSL.

MS/MSD

MS/MSD analyses were completed using sample BCC_Area A_DMH-A3_0314. The MS/ MSD percent recoveries for caprolactam (13/16), 4-chloroaniline (33/39), aniline (36/24), bis (2-ethylhexyl) phthalate (48/48) and di-n-octyl phthalate (44/45) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC_Area A_DMH-A3_0314, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MS/MSDL.

2.2.2 June Event

LCS

The LCS percent recovery were less than the QC limit of 50 percent for bis (2-chloroisopropyl) ether (44) in batch 110592, which may indicate low bias. This analyte was not detected in associated samples and reporting limits are qualified as estimated (UJ) and flagged with reason code LCSL.

MS/MSD

MS/MSD analyses were completed using sample BCC Area A_DMH-A3_0614. The MS and/or MSD percent recoveries for caprolactam (53/49), 3,3'-dichlorobenzidine (39/39), hexachloroethane (48/50), hexachlorocyclopentadiene (14/12) and bis (2-chloroisopropyl)

ether (46/45) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC Area A_DMH-A3_0614 and the associated field duplicate, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MS and/or MSDL

2.2.3 August Event

MS/MSD

MS/MSD analyses were completed using sample BCC_Area A_DMH-A3_0814. The MS and/or MSD percent recoveries for Atrazine (44/44), aniline (43/40), bis (2-chloroethyl) ether (51/49), benzaldehyde (35/34), 4-chloroaniline (36/34), bis (2-chloroisopropyl) ether (49/47), hexachloroethane (45/41) and hexachlorobutadiene (49/46) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC_Area A_DMH-A3_0814 and the associated field duplicate, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MS and/or MSDL.

In addition, one or more of the MS/MSD percent recoveries for hexachlorocyclopentadiene (9/6) and 3,3'-dichlorobenzidine (4/5) were less than the QC limit of 10. Results of these analytes in sample BCC_Area A_DMH-A3_0814 and the associated field duplicate were qualified as rejected (R) with reason code MSL/ MSDL. A summary of qualified sample results is presented in Table 3.

2.2.4 November Event

Blanks

Benzaldehyde (1.26 µg/L) was detected below the reporting limit in method blank 212797. An action limit was established at five times the reported blank concentration. Benzaldehyde results in associated samples were qualified as non-detect (U) at the reporting limit with reason code BL1. A summary of qualified sample results is presented in Table 3.

LCS

The LCS percent recovery was less than the QC limit of 50 percent for caprolactam (29) in batch 212797, which may indicate low bias. This analyte was not detected in associated samples and reporting limits are qualified as estimated (UJ) and flagged with reason code LCSL.

MS/MSD

MS/MSD analyses were completed using sample BCCAreaADMH-A3_110614. The MS/ MSD percent recoveries for caprolactam (31/31) and 4-chloroaniline (42/41) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCCAreaADMH-A3_110614, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MS/ 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	Semi Volatile Organic Compound
TAL	TestAmerica Laboratories
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

Data Validator: Bindu Lingaiah, HTS

Senior Chemist: Chris Ricardi, NRCC-EAC



February 25, 2015

TABLES

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
2014 AREA A STORMWATER OUTFALL SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

				Parameter	VOCs	SVOCs
				Method	SW8260C	SW8270D
SDG	Field Sample ID	Location	Type	Date		
480-56841-1	BCC_Area A_DMH-A3_0314	DMH-A3	REG	3/28/2014	48	66
480-56841-1	BCC_Area A_DMH-A3D_0314	DMH-A3	FD	3/28/2014	48	66
480-56841-1	TRIP BLANK_032814	QC	TB	3/28/2014	48	
480-62965-1	BCC Area A_DMH-A3_0614	DMH-A3	REG	6/30/2014	48	66
480-62965-1	BCC Area A_DMH-A3D_0614	DMH-A3	FD	6/30/2014	48	66
480-62965-1	TRIP BLANK_063014	QC	TB	6/30/2014	48	
480-66157-1	BCC_Area A_DMH-A3_0814	DMH-A3	REG	8/26/2014	48	66
480-66157-1	BCC_Area A_DMH-A3D_0814	DMH-A3	FD	8/26/2014	48	66
480-66157-1	TRIP BLANK_082614	QC	TB	8/26/2014	48	
480-70898-1	BCC_Area A_DMH-A3_110614	DMH-A3	REG	11/6/2014	48	66
480-70898-1	BCC_Area A_DMH-A3D_110614	DMH-A3	FD	11/6/2014	48	66
480-70898-1	TRIPBLANK_110614	QC	TB	11/6/2014	48	

Notes
REG: Regular sample
FD:Field duplicate
TB:Trip blank
ID: Identification
SVOC: Semi Volatile Organic Compound
VOC: Volatile Organic Compound

TABLE 2
PROJECT PRECISION AND ACCURACY GOALS
DATA VALIDATION SUMMARY REPORT
2014 AREA A STORMWATER OUTFALL SAMPLING
HONEYWELL – BUFFALO COLOR AREA
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 QA/QC Objectives

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2014 AREA A STORMWATER OUTFALL SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8270	Di-n-butyl phthalate	4.8	J,B	U	BL1	µg/L
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8270	Butyl benzyl phthalate	4.8	J,B	U	BL1	µg/L
BCC_Area A_DMH-A3D_0314	FD	480-56841-1	SW8270	Di-n-butyl phthalate	4.8	J,B	U	BL1	µg/L
BCC_Area A_DMH-A3D_0314	FD	480-56841-1	SW8270	Butyl benzyl phthalate	4.8	J,B	U	BL1	µg/L
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8260	Chlorobenzene	1.7		J	FD	µg/L
BCC_Area A_DMH-A3D_0314	FD	480-56841-1	SW8260	Chlorobenzene	3.1		J	FD	µg/L
BCC_Area A_DMH-A3D_0314	FD	480-56841-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC_Area A_DMH-A3D_0314	FD	480-56841-1	SW8270	4-Chloroaniline	4.8	U	UJ	LCSL	µg/L
BCC_Area A_DMH-A3D_0314	FD	480-56841-1	SW8270	Aniline	9.5	U	UJ	LCSL	µg/L
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8270	4-Chloroaniline	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8270	Aniline	9.6	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8270	Bis(2-ethylhexyl) phthalat	4.8	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0314	REG	480-56841-1	SW8270	Di-n-octyl phthalate	4.8	U	UJ	MSL,MSDL	µg/L
BCC Area A_DMH-A3D_0614	FD	480-62965-1	SW8270	bis (2-chloroisopropyl) ethe	0.19	U	UJ	LCSL	µg/L
BCC Area A_DMH-A3_0614	REG	480-62965-1	SW8270	bis (2-chloroisopropyl) ethe	0.20	U	UJ	LCSL,MSL,MSDI	µg/L
BCC Area A_DMH-A3_0614	REG	480-62965-1	SW8270	Caprolactam	12	U	UJ	MSDL	µg/L
BCC Area A_DMH-A3_0614	REG	480-62965-1	SW8260	Bromoform	0.26	U	UJ	MSL	µg/L
BCC Area A_DMH-A3_0614	REG	480-62965-1	SW8270	Hexachloroethane	0.62	U	UJ	MSL	µg/L
BCC Area A_DMH-A3_0614	REG	480-62965-1	SW8270	Hexachlorocyclopentadiene	0.51	U	UJ	MSL,MSDL	µg/L
BCC Area A_DMH-A3_0614	REG	480-62965-1	SW8270	3,3'-Dichlorobenzidine	1.1	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	Hexachlorocyclopentadiene	1.3	U	R	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	3,3'-Dichlorobenzidine	1.4	U	R	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	Bis(2-chloroethyl)ether	0.30	U	UJ	MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8260	Chloroethane	0.32	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	Benzaldehyde	1.0	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	4-Chloroaniline	2.8	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	bis (2-chloroisopropyl) ethe	0.23	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	Atrazine	2.1	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	Aniline	2.5	U	UJ	MSL,MSDL	µg/L
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	Hexachloroethane	1.3	U	UJ	MSL,MSDL	µg/L

Prepared by:BinduLingaiah
Reviewed by:Chris Ricardi

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2014 AREA A STORMWATER OUTFALL SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_Area A_DMH-A3_0814	REG	480-66157-1	SW8270	Hexachlorobutadiene	0.90	U	UJ	MSL,MSDL	µg/L

Prepared by:BinduLingaiah
Reviewed by:Chris Ricardi

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
2014 AREA A STORMWATER OUTFALL SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC_Area A_DMH-A3_110614	REG	480-70898-1	SW8270	Benzaldehyde	4.8	J,B	U	BL1	µg/L
BCC_Area A_DMH-A3D_11061	FD	480-70898-1	SW8270	Benzaldehyde	4.9	J,B,*	U	BL1	µg/L
BCC_Area A_DMH-A3D_11061	FD	480-70898-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC_Area A_DMH-A3_110614	REG	480-70898-1	SW8270	Caprolactam	4.8	U	UJ	LCSL,MSL,MSDI	µg/L
BCC_Area A_DMH-A3_110614	REG	480-70898-1	SW8260	Chlorobenzene	2.6		J	MSH	µg/L
BCC_Area A_DMH-A3_110614	REG	480-70898-1	SW8270	4-Chloroaniline	4.8	U	UJ	MSL,MSDL	µg/L

Notes:

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

Prepared by:BinduLingaiah
Reviewed by:Chris Ricardi

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

		Field Sample ID	BCC_Area A_DMH-A3_0314	BCC_Area A_DMH-A3D_0314	TRIP BLANK_032814
		Location	DMH-A3	DMH-A3	QC
		Sample Date	03/28/2014	03/28/2014	03/28/2014
		Sample Delivery Group	480-56841-1	480-56841-1	480-56841-1
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-trifluoroeth	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	1,1-Dichloroethane	1.0 U	1.0 U	1.0 U
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	3.6 J	8.4 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	1.7 J	3.1 J	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

Prepared by:BinduLingaiah 05/27/2014
Reviewed by:Chris Ricardi 05/27/2014

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

		Field Sample ID	BCC_Area A_DMH-A3_0314	BCC_Area A_DMH-A3D_0314	TRIP BLANK_032814
		Location	DMH-A3	DMH-A3	QC
		Sample Date	03/28/2014	03/28/2014	03/28/2014
		Sample Delivery Group	480-56841-1	480-56841-1	480-56841-1
Units	Method	Parameter Name			
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	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	9.5 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	

Prepared by:BinduLingaiah 05/27/2014
Reviewed by:Chris Ricardi 05/27/2014

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

		Field Sample ID	BCC_Area A_DMH-A3_0314	BCC_Area A_DMH-A3D_0314	TRIP BLANK_032814
		Location	DMH-A3	DMH-A3	QC
		Sample Date	03/28/2014	03/28/2014	03/28/2014
		Sample Delivery Group	480-56841-1	480-56841-1	480-56841-1
Units	Method	Parameter Name			
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	9.5 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	9.5 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.6 U	9.5 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.8 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.8 U	
µg/L	SW8270	4-Chloroaniline	4.8 UJ	4.8 UJ	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.8 U	
µg/L	SW8270	4-Methylphenol	9.6 U	9.5 U	
µg/L	SW8270	4-Nitroaniline	9.6 U	9.5 U	
µg/L	SW8270	4-Nitrophenol	9.6 U	9.5 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 UJ	9.5 UJ	
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	

Prepared by:BinduLingaiah 05/27/2014
Reviewed by:Chris Ricardi 05/27/2014

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

		Field Sample ID	BCC_Area A_DMH-A3_0314	BCC_Area A_DMH-A3D_0314	TRIP BLANK_032814
		Location	DMH-A3	DMH-A3	QC
		Sample Date	03/28/2014	03/28/2014	03/28/2014
		Sample Delivery Group	480-56841-1	480-56841-1	480-56841-1
Units	Method	Parameter Name			
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 UJ	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 UJ	4.8 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.8 U	
µg/L	SW8270	Dibenzofuran	9.6 U	9.5 U	
µg/L	SW8270	Diethyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.8 U	
µg/L	SW8270	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	
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	9.5 U	
µg/L	SW8270	Phenanthrene	4.8 U	4.8 U	

Prepared by:BinduLingaiah 05/27/2014
Reviewed by:Chris Ricardi 05/27/2014

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

		Field Sample ID	BCC_Area A_DMH-A3_0314	BCC_Area A_DMH-A3D_0314	TRIP BLANK_032814
		Location	DMH-A3	DMH-A3	QC
		Sample Date	03/28/2014	03/28/2014	03/28/2014
		Sample Delivery Group	480-56841-1	480-56841-1	480-56841-1
Units	Method	Parameter Name			
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

Prepared by:BinduLingaiah 05/27/2014
Reviewed by:Chris Ricardi 05/27/2014

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

		Field Sample ID	BCC Area A_DMH-A3_0614	BCC Area A_DMH-A3D_0614	TRIP BLANK_063014
		Location	DMH-A3	DMH-A3	QC
		Sample Date	06/30/2014	06/30/2014	06/30/2014
		Sample Delivery Group	480-62965-1	480-62965-1	480-62965-1
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-trifluoroetha	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	3.5 J	3.8 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 UJ	1.0 UJ	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

Prepared by:BinduLingaiah 09/03/2014
Reviewed by:Lakshmi Devi 09/03/2014

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

		Field Sample ID	BCC Area A_DMH-A3_0614	BCC Area A_DMH-A3D_0614	TRIP BLANK_063014
		Location	DMH-A3	DMH-A3	QC
		Sample Date	06/30/2014	06/30/2014	06/30/2014
		Sample Delivery Group	480-62965-1	480-62965-1	480-62965-1
Units	Method	Parameter Name			
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.9 U	9.7 U	
µg/L	SW8270	2,4,6-Trichlorophenol	9.9 U	9.7 U	
µg/L	SW8270	2,4-Dichlorophenol	2.0 U	1.9 U	
µg/L	SW8270	2,4-Dimethylphenol	9.9 U	9.7 U	

Prepared by:BinduLingaiah 09/03/2014
Reviewed by:Lakshmi Devi 09/03/2014

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

		Field Sample ID	BCC Area A_DMH-A3_0614	BCC Area A_DMH-A3D_0614	TRIP BLANK_063014
		Location	DMH-A3	DMH-A3	QC
		Sample Date	06/30/2014	06/30/2014	06/30/2014
		Sample Delivery Group	480-62965-1	480-62965-1	480-62965-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4-Dinitrophenol	50 U	49 U	
µg/L	SW8270	2,4-Dinitrotoluene	9.9 U	9.7 U	
µg/L	SW8270	2,6-Dinitrotoluene	9.9 U	9.7 U	
µg/L	SW8270	2-Chloronaphthalene	2.0 U	1.9 U	
µg/L	SW8270	2-Chlorophenol	9.9 U	9.7 U	
µg/L	SW8270	2-Methylnaphthalene	2.0 U	1.9 U	
µg/L	SW8270	2-Methylphenol	9.9 U	9.7 U	
µg/L	SW8270	2-Nitroaniline	50 U	49 U	
µg/L	SW8270	2-Nitrophenol	9.9 U	9.7 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	9.9 UJ	9.7 UJ	
µg/L	SW8270	3-Nitroaniline	50 U	49 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	50 U	49 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	9.9 U	9.7 U	
µg/L	SW8270	4-Chloro-3-methylphenol	9.9 U	9.7 U	
µg/L	SW8270	4-Chloroaniline	9.9 U	9.7 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	9.9 U	9.7 U	
µg/L	SW8270	4-Methylphenol	9.9 U	9.7 U	
µg/L	SW8270	4-Nitroaniline	50 U	49 U	
µg/L	SW8270	4-Nitrophenol	50 U	49 U	
µg/L	SW8270	Acenaphthene	2.0 U	1.9 U	
µg/L	SW8270	Acenaphthylene	2.0 U	1.9 U	
µg/L	SW8270	Acetophenone	9.9 U	9.7 U	
µg/L	SW8270	Aniline	9.9 U	9.7 U	
µg/L	SW8270	Anthracene	2.0 U	1.9 U	
µg/L	SW8270	Atrazine	9.9 U	9.7 U	
µg/L	SW8270	Benzaldehyde	9.9 U	9.7 U	

Prepared by:BinduLingaiah 09/03/2014
Reviewed by:Lakshmi Devi 09/03/2014

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

		Field Sample ID	BCC Area A_DMH-A3_0614	BCC Area A_DMH-A3D_0614	TRIP BLANK_063014
		Location	DMH-A3	DMH-A3	QC
		Sample Date	06/30/2014	06/30/2014	06/30/2014
		Sample Delivery Group	480-62965-1	480-62965-1	480-62965-1
Units	Method	Parameter Name			
µg/L	SW8270	Benzo(a)anthracene	2.0 U	1.9 U	
µg/L	SW8270	Benzo(a)pyrene	2.0 U	1.9 U	
µg/L	SW8270	Benzo(b)fluoranthene	2.0 U	1.9 U	
µg/L	SW8270	Benzo(g,h,i)perylene	2.0 U	1.9 U	
µg/L	SW8270	Benzo(k)fluoranthene	2.0 U	1.9 U	
µg/L	SW8270	Biphenyl	9.9 U	9.7 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	2.0 UJ	1.9 UJ	
µg/L	SW8270	Bis(2-chloroethoxy)methane	9.9 U	9.7 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	2.0 U	1.9 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	20 U	19 U	
µg/L	SW8270	Butyl benzyl phthalate	9.9 U	9.7 U	
µg/L	SW8270	Caprolactam	50 UJ	49 UJ	
µg/L	SW8270	Carbazole	2.0 U	1.9 U	
µg/L	SW8270	Chrysene	2.0 U	1.9 U	
µg/L	SW8270	Di-n-butyl phthalate	9.9 U	9.7 U	
µg/L	SW8270	Di-n-octyl phthalate	9.9 U	9.7 U	
µg/L	SW8270	Dibenz(a,h)anthracene	2.0 U	1.9 U	
µg/L	SW8270	Dibenzofuran	9.9 U	9.7 U	
µg/L	SW8270	Diethyl phthalate	9.9 U	9.7 U	
µg/L	SW8270	Dimethyl phthalate	9.9 U	9.7 U	
µg/L	SW8270	Fluoranthene	2.0 U	1.9 U	
µg/L	SW8270	Fluorene	2.0 U	1.9 U	
µg/L	SW8270	Hexachlorobenzene	2.0 U	1.9 U	
µg/L	SW8270	Hexachlorobutadiene	2.0 U	1.9 U	
µg/L	SW8270	Hexachlorocyclopentadiene	9.9 UJ	9.7 UJ	
µg/L	SW8270	Hexachloroethane	9.9 UJ	9.7 UJ	

Prepared by:BinduLingaiah 09/03/2014
Reviewed by:Lakshmi Devi 09/03/2014

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

		Field Sample ID	BCC Area A_DMH-A3_0614	BCC Area A_DMH-A3D_0614	TRIP BLANK_063014
		Location	DMH-A3	DMH-A3	QC
		Sample Date	06/30/2014	06/30/2014	06/30/2014
		Sample Delivery Group	480-62965-1	480-62965-1	480-62965-1
Units	Method	Parameter Name			
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	2.0 U	1.9 U	
µg/L	SW8270	Isophorone	9.9 U	9.7 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	2.0 U	1.9 U	
µg/L	SW8270	N-Nitrosodiphenylamine	9.9 U	9.7 U	
µg/L	SW8270	Naphthalene	2.0 U	1.9 U	
µg/L	SW8270	Nitrobenzene	20 U	19 U	
µg/L	SW8270	Pentachlorophenol	9.9 U	9.7 U	
µg/L	SW8270	Phenanthrene	2.0 U	1.9 U	
µg/L	SW8270	Phenol	2.0 U	1.9 U	
µg/L	SW8270	Pyrene	2.0 U	1.9 U	

Notes:
U = undetected
J = estimated value

Prepared by:BinduLingaiah 09/03/2014
Reviewed by:Lakshmi Devi 09/03/2014

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

			Field Sample ID	BCC_Area A_DMH-A3_0814	BCC_Area A_DMH-A3D_0814	TRIP BLANK_082614
			Location	DMH-A3	DMH-A3	QC
			Sample Date	08/26/2014	08/26/2014	08/26/2014
			Sample Delivery Group	480-66157-1	480-66157-1	480-66157-1
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		5.4 J	4.7 J	10 U
µg/L	SW8260	Benzene		1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane		1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform		1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane		1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide		1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride		1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene		1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroethane		1.0 UJ	1.0 U	1.0 U
µg/L	SW8260	Chloroform		1.0 U	1.0 U	1.0 U

Prepared by:BinduLingaiah 10/21/2014
Reviewed by:Lakshmi Devi 10/21/2014

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

		Field Sample ID	BCC_Area A_DMH-A3_0814	BCC_Area A_DMH-A3D_0814	TRIP BLANK_082614
		Location	DMH-A3	DMH-A3	QC
		Sample Date	08/26/2014	08/26/2014	08/26/2014
		Sample Delivery Group	480-66157-1	480-66157-1	480-66157-1
Units	Method	Parameter Name			
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	9.6 U	9.6 U	
µg/L	SW8270	2,4,6-Trichlorophenol	9.6 U	9.6 U	
µg/L	SW8270	2,4-Dichlorophenol	9.6 U	9.6 U	
µg/L	SW8270	2,4-Dimethylphenol	9.6 U	9.6 U	
µg/L	SW8270	2,4-Dinitrophenol	48 U	48 U	
µg/L	SW8270	2,4-Dinitrotoluene	9.6 U	9.6 U	

Prepared by:BinduLingaiah 10/21/2014
Reviewed by:Lakshmi Devi 10/21/2014

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

			Field Sample ID	BCC_Area A_DMH-A3_0814	BCC_Area A_DMH-A3D_0814	TRIP BLANK_082614
			Location	DMH-A3	DMH-A3	QC
			Sample Date	08/26/2014	08/26/2014	08/26/2014
			Sample Delivery Group	480-66157-1	480-66157-1	480-66157-1
Units	Method	Parameter Name				
µg/L	SW8270	2,6-Dinitrotoluene		9.6 U	9.6 U	
µg/L	SW8270	2-Chloronaphthalene		1.9 U	1.9 U	
µg/L	SW8270	2-Chlorophenol		9.6 U	9.6 U	
µg/L	SW8270	2-Methylnaphthalene		1.9 U	1.9 U	
µg/L	SW8270	2-Methylphenol		9.6 U	9.6 U	
µg/L	SW8270	2-Nitroaniline		48 U	48 U	
µg/L	SW8270	2-Nitrophenol		9.6 U	9.6 U	
µg/L	SW8270	3,3'-Dichlorobenzidine		9.6 R	9.6 U	
µg/L	SW8270	3-Nitroaniline		48 U	48 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol		48 U	48 U	
µg/L	SW8270	4-Bromophenyl phenyl ether		9.6 U	9.6 U	
µg/L	SW8270	4-Chloro-3-methylphenol		9.6 U	9.6 U	
µg/L	SW8270	4-Chloroaniline		9.6 UJ	9.6 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether		9.6 U	9.6 U	
µg/L	SW8270	4-Methylphenol		9.6 U	9.6 U	
µg/L	SW8270	4-Nitroaniline		48 U	48 U	
µg/L	SW8270	4-Nitrophenol		48 U	48 U	
µg/L	SW8270	Acenaphthene		1.9 U	1.9 U	
µg/L	SW8270	Acenaphthylene		1.9 U	1.9 U	
µg/L	SW8270	Acetophenone		19 U	19 U	
µg/L	SW8270	Aniline		9.6 UJ	9.6 U	
µg/L	SW8270	Anthracene		1.9 U	1.9 U	
µg/L	SW8270	Atrazine		19 UJ	19 U	
µg/L	SW8270	Benzaldehyde		19 UJ	19 U	
µg/L	SW8270	Benzo(a)anthracene		1.9 U	1.9 U	
µg/L	SW8270	Benzo(a)pyrene		1.9 U	1.9 U	
µg/L	SW8270	Benzo(b)fluoranthene		1.9 U	1.9 U	

Prepared by:BinduLingaiah 10/21/2014
Reviewed by:Lakshmi Devi 10/21/2014

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

			Field Sample ID	BCC_Area A_DMH-A3_0814	BCC_Area A_DMH-A3D_0814	TRIP BLANK_082614
			Location	DMH-A3	DMH-A3	QC
			Sample Date	08/26/2014	08/26/2014	08/26/2014
			Sample Delivery Group	480-66157-1	480-66157-1	480-66157-1
Units	Method	Parameter Name				
µg/L	SW8270	Benzo(g,h,i)perylene		1.9 U	1.9 U	
µg/L	SW8270	Benzo(k)fluoranthene		1.9 U	1.9 U	
µg/L	SW8270	Biphenyl		9.6 U	9.6 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether		9.6 UJ	9.6 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane		9.6 U	9.6 U	
µg/L	SW8270	Bis(2-chloroethyl)ether		9.6 UJ	9.6 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		19 U	12 J	
µg/L	SW8270	Butyl benzyl phthalate		9.6 U	9.6 U	
µg/L	SW8270	Caprolactam		48 U	48 U	
µg/L	SW8270	Carbazole		9.6 U	9.6 U	
µg/L	SW8270	Chrysene		1.9 U	1.9 U	
µg/L	SW8270	Di-n-butyl phthalate		9.6 U	9.6 U	
µg/L	SW8270	Di-n-octyl phthalate		9.6 U	9.6 U	
µg/L	SW8270	Dibenz(a,h)anthracene		1.9 U	1.9 U	
µg/L	SW8270	Dibenzofuran		9.6 U	9.6 U	
µg/L	SW8270	Diethyl phthalate		9.6 U	9.6 U	
µg/L	SW8270	Dimethyl phthalate		9.6 U	9.6 U	
µg/L	SW8270	Fluoranthene		1.9 U	1.9 U	
µg/L	SW8270	Fluorene		1.9 U	1.9 U	
µg/L	SW8270	Hexachlorobenzene		9.6 U	9.6 U	
µg/L	SW8270	Hexachlorobutadiene		9.6 UJ	9.6 U	
µg/L	SW8270	Hexachlorocyclopentadiene		9.6 R	9.6 U	
µg/L	SW8270	Hexachloroethane		9.6 UJ	9.6 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		1.9 U	1.9 U	
µg/L	SW8270	Isophorone		9.6 U	9.6 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine		9.6 U	9.6 U	
µg/L	SW8270	N-Nitrosodiphenylamine		9.6 U	9.6 U	

Prepared by:BinduLingaiah 10/21/2014
Reviewed by:Lakshmi Devi 10/21/2014

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

			Field Sample ID	BCC_Area A_DMH-A3_0814	BCC_Area A_DMH-A3D_0814	TRIP BLANK_082614
			Location	DMH-A3	DMH-A3	QC
			Sample Date	08/26/2014	08/26/2014	08/26/2014
			Sample Delivery Group	480-66157-1	480-66157-1	480-66157-1
Units	**Method**	**Parameter Name**				
µg/L	SW8270	Naphthalene		1.9 U	1.9 U	
µg/L	SW8270	Nitrobenzene		19 U	19 U	
µg/L	SW8270	Pentachlorophenol		9.6 U	9.6 U	
µg/L	SW8270	Phenanthrene		1.9 U	1.9 U	
µg/L	SW8270	Phenol		9.6 U	9.6 U	
µg/L	SW8270	Pyrene		1.9 U	1.9 U	

Notes:
U = undetected
J = estimated value
R= rejected

Prepared by:BinduLingaiah 10/21/2014
Reviewed by:Lakshmi Devi 10/21/2014

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

		Field Sample ID	BCC_Area A_DMH-A3_110614	BCC_Area A_DMH-A3D_110614	TRIPBLANK_110614
		Location	DMH-A3	DMH-A3	QC
		Sample Date	11/06/2014	11/06/2014	11/06/2014
		Sample Delivery Group	480-70898-1	480-70898-1	480-70898-1
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-trifluoroetha	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	4.7 J	10 U
µg/L	SW8260	Benzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromodichloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromoform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Bromomethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon disulfide	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Carbon tetrachloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chlorobenzene	2.6 J	3.7	1.0 U

Prepared by:BinduLingaiah 02/02/2015
Reviewed by:Lakshmi Devi 02/02/2015

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

		Field Sample ID	BCC_Area A_DMH-A3_110614	BCC_Area A_DMH-A3D_110614	TRIPBLANK_110614
		Location	DMH-A3	DMH-A3	QC
		Sample Date	11/06/2014	11/06/2014	11/06/2014
		Sample Delivery Group	480-70898-1	480-70898-1	480-70898-1
Units	Method	Parameter Name			
µg/L	SW8260	Chloroethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloroform	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Chloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Cyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dibromochloromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Ethylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Isopropylbenzene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methyl acetate	2.5 U	2.5 U	2.5 U
µg/L	SW8260	Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylcyclohexane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Methylene Chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Styrene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Tetrachloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Toluene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichloroethene	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Trichlorofluoromethane	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Vinyl chloride	1.0 U	1.0 U	1.0 U
µg/L	SW8260	Xylenes, Total	2.0 U	2.0 U	2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.9 U	
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.9 U	

Prepared by:BinduLingaiah 02/02/2015
Reviewed by:Lakshmi Devi 02/02/2015

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

		Field Sample ID	BCC_Area A_DMH-A3_110614	BCC_Area A_DMH-A3D_110614	TRIPBLANK_110614
		Location	DMH-A3	DMH-A3	QC
		Sample Date	11/06/2014	11/06/2014	11/06/2014
		Sample Delivery Group	480-70898-1	480-70898-1	480-70898-1
Units	Method	Parameter Name			
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.9 U	
µg/L	SW8270	2,4-Dimethylphenol	4.8 U	4.9 U	
µg/L	SW8270	2,4-Dinitrophenol	9.6 U	9.8 U	
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U	4.9 U	
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U	1.7 J	
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.9 U	
µg/L	SW8270	2-Chlorophenol	4.8 U	4.9 U	
µg/L	SW8270	2-Methylnaphthalene	4.8 U	4.9 U	
µg/L	SW8270	2-Methylphenol	4.8 U	4.9 U	
µg/L	SW8270	2-Nitroaniline	9.6 U	9.8 U	
µg/L	SW8270	2-Nitrophenol	4.8 U	4.9 U	
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 U	4.9 U	
µg/L	SW8270	3-Nitroaniline	9.6 U	9.8 U	
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.6 U	9.8 U	
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.9 U	
µg/L	SW8270	4-Chloro-3-methylphenol	4.8 U	4.9 U	
µg/L	SW8270	4-Chloroaniline	4.8 UJ	4.9 U	
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.9 U	
µg/L	SW8270	4-Methylphenol	9.6 U	9.8 U	
µg/L	SW8270	4-Nitroaniline	9.6 U	9.8 U	
µg/L	SW8270	4-Nitrophenol	9.6 U	9.8 U	
µg/L	SW8270	Acenaphthene	4.8 U	4.9 U	
µg/L	SW8270	Acenaphthylene	4.8 U	4.9 U	
µg/L	SW8270	Acetophenone	4.8 U	4.9 U	
µg/L	SW8270	Aniline	9.6 U	9.8 U	

Prepared by:BinduLingaiah 02/02/2015
Reviewed by:Lakshmi Devi 02/02/2015

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

		Field Sample ID	BCC_Area A_DMH-A3_110614	BCC_Area A_DMH-A3D_110614	TRIPBLANK_110614
		Location	DMH-A3	DMH-A3	QC
		Sample Date	11/06/2014	11/06/2014	11/06/2014
		Sample Delivery Group	480-70898-1	480-70898-1	480-70898-1
Units	Method	Parameter Name			
µg/L	SW8270	Anthracene	4.8 U	4.9 U	
µg/L	SW8270	Atrazine	4.8 U	4.9 U	
µg/L	SW8270	Benzaldehyde	4.8 U	4.9 U	
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.9 U	
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.9 U	
µg/L	SW8270	Biphenyl	4.8 U	4.9 U	
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.9 U	
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.9 U	
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.9 U	
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.9 U	
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Caprolactam	4.8 UJ	4.9 UJ	
µg/L	SW8270	Carbazole	4.8 U	4.9 U	
µg/L	SW8270	Chrysene	4.8 U	4.9 U	
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.9 U	
µg/L	SW8270	Dibenzofuran	9.6 U	9.8 U	
µg/L	SW8270	Diethyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.9 U	
µg/L	SW8270	Fluoranthene	4.8 U	4.9 U	
µg/L	SW8270	Fluorene	4.8 U	4.9 U	

Prepared by:BinduLingaiah 02/02/2015
Reviewed by:Lakshmi Devi 02/02/2015

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

		Field Sample ID	BCC_Area A_DMH-A3_110614	BCC_Area A_DMH-A3D_110614	TRIPBLANK_110614
		Location	DMH-A3	DMH-A3	QC
		Sample Date	11/06/2014	11/06/2014	11/06/2014
		Sample Delivery Group	480-70898-1	480-70898-1	480-70898-1
Units	Method	Parameter Name			
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.9 U	
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.9 U	
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.9 U	
µg/L	SW8270	Hexachloroethane	4.8 U	4.9 U	
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U	4.9 U	
µg/L	SW8270	Isophorone	4.8 U	4.9 U	
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U	4.9 U	
µg/L	SW8270	N-Nitrosodiphenylamine	4.8 U	4.9 U	
µg/L	SW8270	Naphthalene	4.8 U	4.9 U	
µg/L	SW8270	Nitrobenzene	4.8 U	4.9 U	
µg/L	SW8270	Pentachlorophenol	9.6 U	9.8 U	
µg/L	SW8270	Phenanthrene	4.8 U	4.9 U	
µg/L	SW8270	Phenol	4.8 U	4.9 U	
µg/L	SW8270	Pyrene	4.8 U	4.9 U	

Notes:
U = undetected
J = estimated value

Prepared by:BinduLingaiah 02/02/2015
Reviewed by:Lakshmi Devi 02/02/2015

DATA VALIDATION SUMMARY REPORT AREA A 2014 GROUNDWATER SAMPLING

HONEYWELL BUFFALO COLOR AREA A
BUFFALO, NEW YORK

Prepared for

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MARCH 2015

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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 groundwater samples collected in April 2014. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and results were reported in data package (SDG) 480-56993-1. A summary of laboratory data packages and samples is presented in Table 1. The following U.S. Environmental Protection Agency (USEPA, 1996) analytical methods were performed:

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

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

- Lab Report Narrative
- 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 concentrations greater than the quantitation limit.

J = The reported concentration is considered an estimated value.

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

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

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

LCSL=LCS recovery less than the lower criteria limit

SSL=Surrogate recovery less than the lower limit

MSL=Matrix spike recovery criteria less than the lower limit

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

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
* Matrix Spike/Matrix Spike Duplicates (MS/MSD)
* Field Duplicates
* Surrogate Spikes

  Reporting Limits
* Data Completeness
* Electronic Data Verification

* - Criteria were met for this parameter

Reporting Limits

A sub set of samples were analyzed at dilutions to bring the concentration of analytes into the calibration range. Reporting limits for target compounds that were not detected in these samples are elevated due to dilution. Sample reporting limits are presented on Table 4.

2.2 SEMI-VOLATILE 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.

Laboratory Control Samples

The LCS percent recovery were less than the QC limit of 50 percent for aniline (42) and caprolactam (42) in batch 173279, which may indicate low bias. Results of aniline and caprolactam in associated samples were qualified as estimated (J/UJ). A summary of qualified samples results is presented on Table 3 with reason code LCSL.

Matrix Spike/Matrix Spike Duplicates

MS/MSD analyses were completed using sample BCC Area A EW-5 0414. The MS and/or MSD percent recoveries for 3,3'-dichlorobenzidine (54/47), 3-nitroaniline (38/30), 4-nitrophenol (66/29), benzo(g,h,i)perylene (47/44), caprolactam (40/43), dibenz(a,h)anthracene (49/48) and hexachlorocyclopentadiene (53/36) were lower than the QC limit of 50, which may indicate low bias. These compounds were not detected in sample BCC Area A EW-5 0414, and reporting limits were qualified as estimated (UJ). A summary of qualified samples results is presented on Table 3 with reason code MS and /or MSDL.

MS/MSD percent recoveries of 4-chloroaniline (0/0) were less than the QC limit of 10. Results of 4-chloroaniline in sample BCC Area A EW-5 0414 was qualified as rejected (R) with reason code MSL/ MSDL. A summary of qualified sample results is presented in Table 3.

Surrogate

Base-neutral surrogates 2-fluorobiphenyl (36) and p-terphenyl-d14 (32) had recoveries lower than the QC limit of 50, and acid surrogates 2, 4, 6-tribromophenol (14), phenol-d5

(10) had recoveries lower than the QC limit of 30 in sample BCC Area A ICM-101 0414. Results for all target compounds in this sample were qualified estimated (J/UJ). A summary of qualified sample results is presented on Table 3 with reason codes SSL.

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.

No QC issues were identified

3.0 References:

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

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

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

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

4.0 LIST OF ACRONYMS AND ABBREVIATIONS

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

Data Validator: Bindu Lingaiah



May 30, 2014

Senior Chemist: Chris Ricardi, NRCC-EAC



June 20, 2014

TABLES

TABLE 1
SAMPLE AND ANALYTICAL SUMMARY
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

				Parameter	VOCs	SVOCs	Metals	Mercury
				Method	SW8260C	SW8270D	SW6010C	SW7470A
SDG	Field Sample ID	Location	Type	Date				
480-56993-1	BCC Area A EW-1 0414	EW-1	REG	4/1/2014	48	66	22	1
480-56993-1	BCC Area A EW-2 0414	EW-2	REG	4/1/2014	48	66	22	1
480-56993-1	BCC Area A EW-3A 0414	EW-3	REG	4/1/2014	48	66	22	1
480-56993-1	BCC Area A EW-4 0414	EW-4	REG	4/1/2014	48	66	22	1
480-56993-1	BCC Area A EW-5 0414	EW-5	REG	4/1/2014	48	66	22	1
480-56993-1	BCC Area A EW-5 D 0414	EW-5	FD	4/1/2014	48	66	22	1
480-56993-1	BCC Area A ICM-101 0414	ICM-101	REG	4/1/2014	48	66	22	1
480-56993-1	BCC Area A RFI-26 0414	RFI-26	REG	4/1/2014	48	66	22	1
480-56993-1	BCC Area A ICM-101F 0414	ICM-101	REG	4/1/2014			22	1
480-56993-1	TRIP BLANK 040114	QC	TB	4/1/2014	48			

Notes
REG: Regular sample
FD:Field duplicate
TB:Trip blank
ID: Identification
VOC: Volatile Organic Compound
SVOC: Semi-Volatile Organic Compound

TABLE 2
PROJECT PRECISION AND ACCURACY GOALS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 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
Semivolatiles	Surrogate	All BN Compounds	50 - 140	
		All Acid Compounds	30 - 140	
	LCS	All BN Compounds	50 - 140	
		All Acid Compounds	30 - 140	
	MS/MSD	All BN Compounds	50 - 140	20
		All Acid Compounds	30 - 140	20
	Field Duplicate	All Target Compounds		50
Inorganics-Metals	LCS	All Target Analytes	80 - 120	
	MS/MSD	All Target Analytes	75 -125	
	Lab Duplicate	All Target Analytes		50
	Field Duplicate	All Target Analytes		50

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

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area A EW-2 0414	REG	480-56993-1	SW8270	Aniline	29		J	LCSL	µg/L
BCC Area A EW-5 D 0414	FD	480-56993-1	SW8270	Aniline	500		J	LCSL	µg/L
BCC Area A EW-1 0414	REG	480-56993-1	SW8270	Aniline	160	J	J	LCSL	µg/L
BCC Area A EW-3A 0414	REG	480-56993-1	SW8270	Aniline	180		J	LCSL	µg/L
BCC Area A EW-4 0414	REG	480-56993-1	SW8270	Aniline	5900		J	LCSL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	Aniline	440		J	LCSL	µg/L
BCC Area A RFI-26 0414	REG	480-56993-1	SW8270	Aniline	12		J	LCSL	µg/L
BCC Area A EW-2 0414	REG	480-56993-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area A EW-5 D 0414	FD	480-56993-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area A EW-1 0414	REG	480-56993-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area A EW-3A 0414	REG	480-56993-1	SW8270	Caprolactam	4.8	U	UJ	LCSL	µg/L
BCC Area A EW-4 0414	REG	480-56993-1	SW8270	Caprolactam	4.9	U	UJ	LCSL	µg/L
BCC Area A RFI-26 0414	REG	480-56993-1	SW8270	Caprolactam	4.7	U	UJ	LCSL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	Caprolactam	4.9	U	UJ	LCSL,MSL,MSDL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Aniline	32		J	LCSL,SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Caprolactam	5.4		J	LCSL,SSL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	3,3'-Dichlorobenzidine	4.9	U	UJ	MSDL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	4-Nitrophenol	9.8	U	UJ	MSDL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	Hexachlorocyclopentadiene	4.9	U	UJ	MSDL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	3-Nitroaniline	9.8	U	UJ	MSL,MSDL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	4-Chloroaniline	4.9	U	R	MSL,MSDL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	Benzo(g,h,i)perylene	0.52	J	J	MSL,MSDL	µg/L
BCC Area A EW-5 0414	REG	480-56993-1	SW8270	Dibenz(a,h)anthracene	4.9	U	UJ	MSL,MSDL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2,4,5-Trichlorophenol	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2,4,6-Trichlorophenol	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2,4-Dichlorophenol	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2,4-Dimethylphenol	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2,4-Dinitrophenol	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2,4-Dinitrotoluene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2,6-Dinitrotoluene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2-Chloronaphthalene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2-Chlorophenol	7.9		J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2-Methylnaphthalene	4.9	U,*	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2-Methylphenol	4.9	U	UJ	SSL	µg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2-Nitroaniline	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	2-Nitrophenol	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	3,3'-Dichlorobenzidine	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	3-Nitroaniline	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	4,6-Dinitro-2-methylphenol	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	4-Bromophenyl phenyl ether	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	4-Chloro-3-methylphenol	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	4-Chlorophenyl phenyl ether	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	4-Methylphenol	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	4-Nitroaniline	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	4-Nitrophenol	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Acenaphthene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Acenaphthylene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Acetophenone	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Anthracene	0.51	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Atrazine	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Benzaldehyde	0.36	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Benzo(a)anthracene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Benzo(a)pyrene	1.2	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Benzo(b)fluoranthene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Benzo(g,h,i)perylene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Benzo(k)fluoranthene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Biphenyl	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	bis (2-chloroisopropyl) ether	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Bis(2-chloroethoxy)methane	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Bis(2-chloroethyl)ether	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Bis(2-ethylhexyl) phthalate	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Butyl benzyl phthalate	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Carbazole	0.34	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Chrysene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Dibenz(a,h)anthracene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Dibenzofuran	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Diethyl phthalate	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Dimethyl phthalate	4.9	U	UJ	SSL	µg/L

TABLE 3
VALIDATON ACTIONS SUMMARY
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

Field Sample ID	Type	SDG	Method	Parameter	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Di-n-butyl phthalate	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Di-n-octyl phthalate	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Fluoranthene	1.1	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Fluorene	0.45	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Hexachlorobenzene	4.9	U,*	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Hexachlorobutadiene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Hexachlorocyclopentadiene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Hexachloroethane	4.9	U,*	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Indeno(1,2,3-cd)pyrene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Isophorone	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Naphthalene	0.98	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Nitrobenzene	4.9	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	N-Nitrosodi-n-propylamine	4.9	U,*	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	N-Nitrosodiphenylamine	2.5	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Pentachlorophenol	9.7	U	UJ	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Phenanthrene	1.6	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Phenol	4.5	J	J	SSL	µg/L
BCC Area A ICM-101 0414	REG	480-56993-1	SW8270	Pyrene	1.0	J	J	SSL	µg/L

Notes:

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

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-1 0414	BCC Area A EW-2 0414	BCC Area A EW-3A 041	BCC Area A EW-4 0414
		Location	EW-1	EW-2	EW-3	EW-4
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.20 U	0.11 J	0.12 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Arsenic	0.027	0.22	0.082	0.012 J
mg/L	SW6010	Barium	0.062	0.079	0.041	0.015
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	192	103	28.9	4.7
mg/L	SW6010	Chromium	0.0029 J	0.0043	0.0075	0.018
mg/L	SW6010	Cobalt	0.0040 U	0.0040 U	0.0012 J	0.0042
mg/L	SW6010	Copper	0.014	0.030	0.011	0.031
mg/L	SW6010	Iron	6.9	0.49	0.95	0.49
mg/L	SW6010	Lead	0.010 U	0.0094 J	0.010 U	0.0065 J
mg/L	SW6010	Magnesium	18.9	11.4	7.2	1.8
mg/L	SW6010	Manganese	0.63	0.58	0.076	0.016
mg/L	SW6010	Nickel	0.010 U	0.0046 J	0.0034 J	0.0064 J
mg/L	SW6010	Potassium	34.5	82.1	190	409
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	166	213	382	1080
mg/L	SW6010	Thallium	0.020 U	0.020 U	0.020 U	0.020 U
mg/L	SW6010	Vanadium	0.0019 J	0.0078	0.014	0.047
mg/L	SW6010	Zinc	0.064	0.056	0.016	0.011
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00020 U	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	50 U	200 U	20 U	10 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	50 U	200 U	20 U	10 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	50 U	200 U	20 U	10 U
µg/L	SW8260	1,1,2-Trichloroethane	50 U	200 U	20 U	10 U
µg/L	SW8260	1,1-Dichloroethane	50 U	200 U	20 U	10 U
µg/L	SW8260	1,1-Dichloroethene	50 U	200 U	20 U	10 U
µg/L	SW8260	1,2,4-Trichlorobenzene	50 U	200 U	20 U	10 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	50 U	200 U	20 U	10 U
µg/L	SW8260	1,2-Dibromoethane	50 U	200 U	20 U	10 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-1 0414	BCC Area A EW-2 0414	BCC Area A EW-3A 041	BCC Area A EW-4 0414
		Location	EW-1	EW-2	EW-3	EW-4
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8260	1,2-Dichlorobenzene	1400	200 U	20 U	10 U
µg/L	SW8260	1,2-Dichloroethane	50 U	200 U	20 U	10 U
µg/L	SW8260	1,2-Dichloropropane	50 U	200 U	20 U	10 U
µg/L	SW8260	1,3-Dichlorobenzene	160	200 U	20 U	10 U
µg/L	SW8260	1,4-Dichlorobenzene	1700	200 U	20 U	10 U
µg/L	SW8260	2-Butanone (MEK)	500 U	2000 U	200 U	100 U
µg/L	SW8260	2-Hexanone	250 U	1000 U	100 U	50 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	250 U	1000 U	100 U	50 U
µg/L	SW8260	Acetone	500 U	2000 U	200 U	100 U
µg/L	SW8260	Benzene	110	170 J	310	150
µg/L	SW8260	Bromodichloromethane	50 U	200 U	20 U	10 U
µg/L	SW8260	Bromoform	50 U	200 U	20 U	10 U
µg/L	SW8260	Bromomethane	50 U	200 U	20 U	10 U
µg/L	SW8260	Carbon disulfide	50 U	200 U	20 U	10 U
µg/L	SW8260	Carbon tetrachloride	50 U	200 U	20 U	10 U
µg/L	SW8260	Chlorobenzene	18000	8700	1700	59
µg/L	SW8260	Chloroethane	50 U	200 U	20 U	10 U
µg/L	SW8260	Chloroform	50 U	200 U	20 U	10 U
µg/L	SW8260	Chloromethane	50 U	200 U	20 U	10 U
µg/L	SW8260	cis-1,2-Dichloroethene	50 U	200 U	20 U	10 U
µg/L	SW8260	cis-1,3-Dichloropropene	50 U	200 U	20 U	10 U
µg/L	SW8260	Cyclohexane	50 U	200 U	20 U	10 U
µg/L	SW8260	Dibromochloromethane	50 U	200 U	20 U	10 U
µg/L	SW8260	Dichlorodifluoromethane	50 U	200 U	20 U	10 U
µg/L	SW8260	Ethylbenzene	50 U	200 U	20 U	10
µg/L	SW8260	Isopropylbenzene	50 U	200 U	20 U	10 U
µg/L	SW8260	Methyl acetate	130 U	500 U	50 U	25 U
µg/L	SW8260	Methyl tert-butyl ether	50 U	200 U	20 U	10 U
µg/L	SW8260	Methylcyclohexane	50 U	200 U	20 U	10 U
µg/L	SW8260	Methylene Chloride	50 U	200 U	20 U	10 U
µg/L	SW8260	Styrene	50 U	200 U	20 U	10 U
µg/L	SW8260	Tetrachloroethene	50 U	200 U	20 U	10 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-1 0414	BCC Area A EW-2 0414	BCC Area A EW-3A 041	BCC Area A EW-4 0414
		Location	EW-1	EW-2	EW-3	EW-4
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8260	Toluene	50 U	200 U	20 U	10 U
µg/L	SW8260	trans-1,2-Dichloroethene	50 U	200 U	20 U	10 U
µg/L	SW8260	trans-1,3-Dichloropropene	50 U	200 U	20 U	10 U
µg/L	SW8260	Trichloroethene	50 U	200 U	20 U	10 U
µg/L	SW8260	Trichlorofluoromethane	50 U	200 U	20 U	10 U
µg/L	SW8260	Vinyl chloride	50 U	200 U	20 U	10 U
µg/L	SW8260	Xylenes, Total	100 U	400 U	40 U	11 J
µg/L	SW8270	2,4,5-Trichlorophenol	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	2,4-Dichlorophenol	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	2,4-Dimethylphenol	0.49 J	1.5 J	2.3 J	4.9 U
µg/L	SW8270	2,4-Dinitrophenol	9.6 U	9.6 U	9.7 U	9.8 U
µg/L	SW8270	2,4-Dinitrotoluene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	2,6-Dinitrotoluene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	2-Chloronaphthalene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	2-Chlorophenol	39	4.0 J	2.4 J	4.9 U
µg/L	SW8270	2-Methylnaphthalene	4.8 U	1.5 J	4.8 U	86
µg/L	SW8270	2-Methylphenol	1.2 J	8.4	3.9 J	4.9 U
µg/L	SW8270	2-Nitroaniline	0.87 J	9.6 U	9.7 U	9.8 U
µg/L	SW8270	2-Nitrophenol	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	3-Nitroaniline	9.6 U	9.6 U	9.7 U	9.8 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.6 U	9.6 U	9.7 U	9.8 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	4-Chloro-3-methylphenol	21	42	4.8 U	4.9 U
µg/L	SW8270	4-Chloroaniline	96 U	29 J	150	80
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	4-Methylphenol	9.6 U	2.6 J	9.7 U	9.8 U
µg/L	SW8270	4-Nitroaniline	9.6 U	9.6 U	9.7 U	9.8 U
µg/L	SW8270	4-Nitrophenol	9.6 U	9.6 U	9.7 U	9.8 U
µg/L	SW8270	Acenaphthene	4.4 J	6.5	2.7 J	80
µg/L	SW8270	Acenaphthylene	4.8 U	2.0 J	4.8 U	4.9 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-1 0414	BCC Area A EW-2 0414	BCC Area A EW-3A 041	BCC Area A EW-4 0414
		Location	EW-1	EW-2	EW-3	EW-4
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8270	Acetophenone	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Aniline	160 J	29 J	180 J	5900 J
µg/L	SW8270	Anthracene	0.40 J	0.88 J	4.8 U	4.3 J
µg/L	SW8270	Atrazine	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Benzaldehyde	4.8 U	0.33 J	4.8 U	54
µg/L	SW8270	Benzo(a)anthracene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Benzo(a)pyrene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Benzo(b)fluoranthene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Benzo(g,h,i)perylene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Benzo(k)fluoranthene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Biphenyl	0.63 J	1.5 J	1.1 J	39
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.8 U	4.8 U	4.8 U	4.2 J
µg/L	SW8270	Butyl benzyl phthalate	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Caprolactam	4.8 UJ	4.8 UJ	4.8 UJ	4.9 UJ
µg/L	SW8270	Carbazole	1.0 J	1.1 J	1.0 J	7.7
µg/L	SW8270	Chrysene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Di-n-butyl phthalate	4.8 U	0.38 J	0.38 J	4.9 U
µg/L	SW8270	Di-n-octyl phthalate	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Dibenzofuran	9.6 U	0.83 J	9.7 U	70
µg/L	SW8270	Diethyl phthalate	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Dimethyl phthalate	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Fluoranthene	4.8 U	4.8 U	4.8 U	1.4 J
µg/L	SW8270	Fluorene	4.8 U	1.7 J	4.8 U	58
µg/L	SW8270	Hexachlorobenzene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Hexachlorobutadiene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Hexachloroethane	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	4.8 U	4.8 U	4.8 U	4.9 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-1 0414	BCC Area A EW-2 0414	BCC Area A EW-3A 041	BCC Area A EW-4 0414
		Location	EW-1	EW-2	EW-3	EW-4
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8270	Isophorone	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.8 U	4.8 U	4.8 U	4.9 U
µg/L	SW8270	N-Nitrosodiphenylamine	13 J	43 J	19	17
µg/L	SW8270	Naphthalene	1.8 J	150	23	740
µg/L	SW8270	Nitrobenzene	4.8 U	4.8 U	7.4	4.9 U
µg/L	SW8270	Pentachlorophenol	9.6 U	9.6 U	9.7 U	9.8 U
µg/L	SW8270	Phenanthrene	4.8 U	4.8 U	4.8 U	29
µg/L	SW8270	Phenol	15	0.38 J	1.2 J	4.9 U
µg/L	SW8270	Pyrene	4.8 U	4.8 U	4.8 U	1.0 J

Notes:
U = undetected
J = estimated value

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-5 0414	BCC Area A EW-5 D 041	BCC Area A ICM-101 04	BCC Area A RFI-26 041
		Location	EW-5	EW-5	ICM-101	RFI-26
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
mg/L	SW6010	Aluminum	0.20 U	0.20 U	5.1	0.089 J
mg/L	SW6010	Antimony	0.020 U	0.020 U	0.0076 J	0.020 U
mg/L	SW6010	Arsenic	0.018	0.018	0.12	0.018
mg/L	SW6010	Barium	0.090	0.091	0.15	0.18
mg/L	SW6010	Beryllium	0.0020 U	0.0020 U	0.0027	0.0020 U
mg/L	SW6010	Cadmium	0.0020 U	0.0020 U	0.0020 U	0.0020 U
mg/L	SW6010	Calcium	340	337	70.1	127
mg/L	SW6010	Chromium	0.0016 J	0.0014 J	0.21	0.0056
mg/L	SW6010	Cobalt	0.0016 J	0.0015 J	0.0038 J	0.0040 U
mg/L	SW6010	Copper	0.036	0.042	0.040	0.010 U
mg/L	SW6010	Iron	28.5	28.0	22.4	1.8
mg/L	SW6010	Lead	0.010 U	0.010 U	0.026	0.010 U
mg/L	SW6010	Magnesium	61.6	60.0	10.4	23.7
mg/L	SW6010	Manganese	4.2	4.1	0.62	0.61
mg/L	SW6010	Nickel	0.0031 J	0.0027 J	0.032	0.0013 J
mg/L	SW6010	Potassium	64.1	63.1	11.4	45.8
mg/L	SW6010	Selenium	0.025 U	0.025 U	0.0090 J	0.025 U
mg/L	SW6010	Silver	0.0060 U	0.0060 U	0.0060 U	0.0060 U
mg/L	SW6010	Sodium	889	886	1160	234
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	0.29	0.0053
mg/L	SW6010	Zinc	0.041	0.047	0.12	0.0033 J
mg/L	SW7470	Mercury	0.00020 U	0.00020 U	0.00083	0.00020 U
µg/L	SW8260	1,1,1-Trichloroethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,1,2-Trichloroethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,1-Dichloroethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,1-Dichloroethene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,2,4-Trichlorobenzene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,2-Dibromoethane	8.0 U	5.0 U	100 U	40 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-5 0414	BCC Area A EW-5 D 041	BCC Area A ICM-101 04	BCC Area A RFI-26 041
		Location	EW-5	EW-5	ICM-101	RFI-26
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8260	1,2-Dichlorobenzene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,2-Dichloroethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,2-Dichloropropane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,3-Dichlorobenzene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	1,4-Dichlorobenzene	8.0 U	5.0 U	170	40 U
µg/L	SW8260	2-Butanone (MEK)	80 U	50 U	1000 U	400 U
µg/L	SW8260	2-Hexanone	40 U	25 U	500 U	200 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)	40 U	25 U	500 U	200 U
µg/L	SW8260	Acetone	80 U	50 U	1000 U	400 U
µg/L	SW8260	Benzene	8.0 U	5.0 U	3400	51
µg/L	SW8260	Bromodichloromethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Bromoform	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Bromomethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Carbon disulfide	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Carbon tetrachloride	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Chlorobenzene	12	5.0 U	8900	6200
µg/L	SW8260	Chloroethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Chloroform	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Chloromethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	cis-1,2-Dichloroethene	8.0 U	4.5 J	100 U	40 U
µg/L	SW8260	cis-1,3-Dichloropropene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Cyclohexane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Dibromochloromethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Dichlorodifluoromethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Ethylbenzene	47	49	100 U	40 U
µg/L	SW8260	Isopropylbenzene	6.4 J	6.7	100 U	40 U
µg/L	SW8260	Methyl acetate	20 U	13 U	250 U	100 U
µg/L	SW8260	Methyl tert-butyl ether	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Methylcyclohexane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Methylene Chloride	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Styrene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Tetrachloroethene	8.0 U	5.0 U	100 U	40 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-5 0414	BCC Area A EW-5 D 041	BCC Area A ICM-101 04	BCC Area A RFI-26 041
		Location	EW-5	EW-5	ICM-101	RFI-26
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8260	Toluene	7.1 J	7.3	100 U	40 U
µg/L	SW8260	trans-1,2-Dichloroethene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	trans-1,3-Dichloropropene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Trichloroethene	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Trichlorofluoromethane	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Vinyl chloride	8.0 U	5.0 U	100 U	40 U
µg/L	SW8260	Xylenes, Total	300	340	200 U	80 U
µg/L	SW8270	2,4,5-Trichlorophenol	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	2,4,6-Trichlorophenol	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	2,4-Dichlorophenol	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	2,4-Dimethylphenol	1.9 J	1.3 J	4.9 UJ	4.7 U
µg/L	SW8270	2,4-Dinitrophenol	9.8 U	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	2,4-Dinitrotoluene	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	2,6-Dinitrotoluene	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	2-Chloronaphthalene	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	2-Chlorophenol	4.9 U	4.8 U	7.9 J	19
µg/L	SW8270	2-Methylnaphthalene	66 J	73 J	4.9 UJ	4.7 U
µg/L	SW8270	2-Methylphenol	4.9 U	1.0 J	4.9 UJ	4.7 U
µg/L	SW8270	2-Nitroaniline	9.8 U	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	2-Nitrophenol	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	3,3'-Dichlorobenzidine	4.9 UJ	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	3-Nitroaniline	9.8 UJ	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	4,6-Dinitro-2-methylphenol	9.8 U	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	4-Bromophenyl phenyl ether	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	4-Chloro-3-methylphenol	4.9 U	4.8 U	4.9 UJ	40
µg/L	SW8270	4-Chloroaniline	4.9 R	4.8 U	270	660
µg/L	SW8270	4-Chlorophenyl phenyl ether	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	4-Methylphenol	9.8 U	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	4-Nitroaniline	9.8 U	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	4-Nitrophenol	9.8 UJ	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	Acenaphthene	22	24	4.9 UJ	4.7 U
µg/L	SW8270	Acenaphthylene	0.74 J	0.72 J	4.9 UJ	4.7 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-5 0414	BCC Area A EW-5 D 041	BCC Area A ICM-101 04	BCC Area A RFI-26 041
		Location	EW-5	EW-5	ICM-101	RFI-26
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8270	Acetophenone	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Aniline	440 J	500 J	32 J	12 J
µg/L	SW8270	Anthracene	4.9	5.3	0.51 J	4.7 U
µg/L	SW8270	Atrazine	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Benzaldehyde	4.9 U	5.7	0.36 J	4.7 U
µg/L	SW8270	Benzo(a)anthracene	2.0 J	1.8 J	4.9 UJ	4.7 U
µg/L	SW8270	Benzo(a)pyrene	1.6 J	1.5 J	1.2 J	4.7 U
µg/L	SW8270	Benzo(b)fluoranthene	1.4 J	1.5 J	4.9 UJ	4.7 U
µg/L	SW8270	Benzo(g,h,i)perylene	0.52 J	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Benzo(k)fluoranthene	1.1 J	0.97 J	4.9 UJ	4.7 U
µg/L	SW8270	Biphenyl	16	17	4.9 UJ	4.7 U
µg/L	SW8270	bis (2-chloroisopropyl) ether	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Bis(2-chloroethoxy)methane	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Bis(2-chloroethyl)ether	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Bis(2-ethylhexyl) phthalate	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Butyl benzyl phthalate	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Caprolactam		4.8 UJ	5.4 J	4.7 UJ
µg/L	SW8270	Carbazole	0.79 J	0.74 J	0.34 J	4.7 U
µg/L	SW8270	Chrysene	2.0 J	1.9 J	4.9 UJ	4.7 U
µg/L	SW8270	Di-n-butyl phthalate	4.9 U	4.8 U	4.9 UJ	0.35 J
µg/L	SW8270	Di-n-octyl phthalate	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Dibenz(a,h)anthracene	4.9 UJ	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Dibenzofuran	21	23	9.7 UJ	9.5 U
µg/L	SW8270	Diethyl phthalate	4.9 U	4.8 U	4.9 UJ	0.26 J
µg/L	SW8270	Dimethyl phthalate	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Fluoranthene	7.7	6.9	1.1 J	4.7 U
µg/L	SW8270	Fluorene	16	17	0.45 J	4.7 U
µg/L	SW8270	Hexachlorobenzene	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Hexachlorobutadiene	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Hexachlorocyclopentadiene	4.9 UJ	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Hexachloroethane	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Indeno(1,2,3-cd)pyrene	0.58 J	4.8 U	4.9 UJ	4.7 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A EW-5 0414	BCC Area A EW-5 D 041	BCC Area A ICM-101 04	BCC Area A RFI-26 041
		Location	EW-5	EW-5	ICM-101	RFI-26
		Sample Date	04/01/2014	04/01/2014	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1	480-56993-1	480-56993-1
Units	Method	Parameter Name				
µg/L	SW8270	Isophorone	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	N-Nitrosodi-n-propylamine	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	N-Nitrosodiphenylamine	4.9 U	4.8 U	2.5 J	4.7 U
µg/L	SW8270	Naphthalene	410	470	0.98 J	4.7 U
µg/L	SW8270	Nitrobenzene	4.9 U	4.8 U	4.9 UJ	4.7 U
µg/L	SW8270	Pentachlorophenol	9.8 U	9.7 U	9.7 UJ	9.5 U
µg/L	SW8270	Phenanthrene	26	25	1.6 J	4.7 U
µg/L	SW8270	Phenol	4.9 U	4.8 U	4.5 J	4.7 U
µg/L	SW8270	Pyrene	6.5	6.0	1.0 J	4.7 U

Notes:
U = undetected
J = estimated value

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A ICM-101F 041	TRIP BLANK 040114
		Location	ICM-101	QC
		Sample Date	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1
Units	Method	Parameter Name		
mg/L	SW6010	Aluminum	4.2	
mg/L	SW6010	Antimony	0.0078 J	
mg/L	SW6010	Arsenic	0.13	
mg/L	SW6010	Barium	0.15	
mg/L	SW6010	Beryllium	0.0027	
mg/L	SW6010	Cadmium	0.0020 U	
mg/L	SW6010	Calcium	79.2	
mg/L	SW6010	Chromium	0.20	
mg/L	SW6010	Cobalt	0.0053	
mg/L	SW6010	Copper	0.033	
mg/L	SW6010	Iron	23.2	
mg/L	SW6010	Lead	0.019	
mg/L	SW6010	Magnesium	12.0	
mg/L	SW6010	Manganese	0.69	
mg/L	SW6010	Nickel	0.035	
mg/L	SW6010	Potassium	13.4	
mg/L	SW6010	Selenium	0.0098 J	
mg/L	SW6010	Silver	0.0060 U	
mg/L	SW6010	Sodium	1190	
mg/L	SW6010	Thallium	0.020 U	
mg/L	SW6010	Vanadium	0.31	
mg/L	SW6010	Zinc	0.14	
mg/L	SW7470	Mercury	0.00069	
µg/L	SW8260	1,1,1-Trichloroethane		1.0 U
µg/L	SW8260	1,1,2,2-Tetrachloroethane		1.0 U
µg/L	SW8260	1,1,2-Trichloro-1,2,2-trifluoroeth		1.0 U
µg/L	SW8260	1,1,2-Trichloroethane		1.0 U
µg/L	SW8260	1,1-Dichloroethane		1.0 U
µg/L	SW8260	1,1-Dichloroethene		1.0 U
µg/L	SW8260	1,2,4-Trichlorobenzene		1.0 U
µg/L	SW8260	1,2-Dibromo-3-Chloropropane		1.0 U
µg/L	SW8260	1,2-Dibromoethane		1.0 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A ICM-101F 041	TRIP BLANK 040114
		Location	ICM-101	QC
		Sample Date	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1
Units	Method	Parameter Name		
µg/L	SW8260	1,2-Dichlorobenzene		1.0 U
µg/L	SW8260	1,2-Dichloroethane		1.0 U
µg/L	SW8260	1,2-Dichloropropane		1.0 U
µg/L	SW8260	1,3-Dichlorobenzene		1.0 U
µg/L	SW8260	1,4-Dichlorobenzene		1.0 U
µg/L	SW8260	2-Butanone (MEK)		10 U
µg/L	SW8260	2-Hexanone		5.0 U
µg/L	SW8260	4-Methyl-2-pentanone (MIBK)		5.0 U
µg/L	SW8260	Acetone		10 U
µg/L	SW8260	Benzene		1.0 U
µg/L	SW8260	Bromodichloromethane		1.0 U
µg/L	SW8260	Bromoform		1.0 U
µg/L	SW8260	Bromomethane		1.0 U
µg/L	SW8260	Carbon disulfide		1.0 U
µg/L	SW8260	Carbon tetrachloride		1.0 U
µg/L	SW8260	Chlorobenzene		1.0 U
µg/L	SW8260	Chloroethane		1.0 U
µg/L	SW8260	Chloroform		1.0 U
µg/L	SW8260	Chloromethane		1.0 U
µg/L	SW8260	cis-1,2-Dichloroethene		1.0 U
µg/L	SW8260	cis-1,3-Dichloropropene		1.0 U
µg/L	SW8260	Cyclohexane		1.0 U
µg/L	SW8260	Dibromochloromethane		1.0 U
µg/L	SW8260	Dichlorodifluoromethane		1.0 U
µg/L	SW8260	Ethylbenzene		1.0 U
µg/L	SW8260	Isopropylbenzene		1.0 U
µg/L	SW8260	Methyl acetate		2.5 U
µg/L	SW8260	Methyl tert-butyl ether		1.0 U
µg/L	SW8260	Methylcyclohexane		1.0 U
µg/L	SW8260	Methylene Chloride		1.0 U
µg/L	SW8260	Styrene		1.0 U
µg/L	SW8260	Tetrachloroethene		1.0 U

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A ICM-101F 041	TRIP BLANK 040114
		Location	ICM-101	QC
		Sample Date	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1
Units	Method	Parameter Name		
µg/L	SW8260	Toluene		1.0 U
µg/L	SW8260	trans-1,2-Dichloroethene		1.0 U
µg/L	SW8260	trans-1,3-Dichloropropene		1.0 U
µg/L	SW8260	Trichloroethene		1.0 U
µg/L	SW8260	Trichlorofluoromethane		1.0 U
µg/L	SW8260	Vinyl chloride		1.0 U
µg/L	SW8260	Xylenes, Total		2.0 U
µg/L	SW8270	2,4,5-Trichlorophenol		
µg/L	SW8270	2,4,6-Trichlorophenol		
µg/L	SW8270	2,4-Dichlorophenol		
µg/L	SW8270	2,4-Dimethylphenol		
µg/L	SW8270	2,4-Dinitrophenol		
µg/L	SW8270	2,4-Dinitrotoluene		
µg/L	SW8270	2,6-Dinitrotoluene		
µg/L	SW8270	2-Chloronaphthalene		
µg/L	SW8270	2-Chlorophenol		
µg/L	SW8270	2-Methylnaphthalene		
µg/L	SW8270	2-Methylphenol		
µg/L	SW8270	2-Nitroaniline		
µg/L	SW8270	2-Nitrophenol		
µg/L	SW8270	3,3'-Dichlorobenzidine		
µg/L	SW8270	3-Nitroaniline		
µg/L	SW8270	4,6-Dinitro-2-methylphenol		
µg/L	SW8270	4-Bromophenyl phenyl ether		
µg/L	SW8270	4-Chloro-3-methylphenol		
µg/L	SW8270	4-Chloroaniline		
µg/L	SW8270	4-Chlorophenyl phenyl ether		
µg/L	SW8270	4-Methylphenol		
µg/L	SW8270	4-Nitroaniline		
µg/L	SW8270	4-Nitrophenol		
µg/L	SW8270	Acenaphthene		
µg/L	SW8270	Acenaphthylene		

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A ICM-101F 041	TRIP BLANK 040114
		Location	ICM-101	QC
		Sample Date	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1
Units	Method	Parameter Name		
µg/L	SW8270	Acetophenone		
µg/L	SW8270	Aniline		
µg/L	SW8270	Anthracene		
µg/L	SW8270	Atrazine		
µg/L	SW8270	Benzaldehyde		
µg/L	SW8270	Benzo(a)anthracene		
µg/L	SW8270	Benzo(a)pyrene		
µg/L	SW8270	Benzo(b)fluoranthene		
µg/L	SW8270	Benzo(g,h,i)perylene		
µg/L	SW8270	Benzo(k)fluoranthene		
µg/L	SW8270	Biphenyl		
µg/L	SW8270	bis (2-chloroisopropyl) ether		
µg/L	SW8270	Bis(2-chloroethoxy)methane		
µg/L	SW8270	Bis(2-chloroethyl)ether		
µg/L	SW8270	Bis(2-ethylhexyl) phthalate		
µg/L	SW8270	Butyl benzyl phthalate		
µg/L	SW8270	Caprolactam		
µg/L	SW8270	Carbazole		
µg/L	SW8270	Chrysene		
µg/L	SW8270	Di-n-butyl phthalate		
µg/L	SW8270	Di-n-octyl phthalate		
µg/L	SW8270	Dibenz(a,h)anthracene		
µg/L	SW8270	Dibenzofuran		
µg/L	SW8270	Diethyl phthalate		
µg/L	SW8270	Dimethyl phthalate		
µg/L	SW8270	Fluoranthene		
µg/L	SW8270	Fluorene		
µg/L	SW8270	Hexachlorobenzene		
µg/L	SW8270	Hexachlorobutadiene		
µg/L	SW8270	Hexachlorocyclopentadiene		
µg/L	SW8270	Hexachloroethane		
µg/L	SW8270	Indeno(1,2,3-cd)pyrene		

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

TABLE 4
FINAL RESULTS
DATA VALIDATION SUMMARY REPORT
APRIL 2014 AREA A GROUNDWATER SAMPLING
HONEYWELL – BUFFALO COLOR AREA
BUFFALO, NEW YORK

		Field Sample ID	BCC Area A ICM-101F 041	TRIP BLANK 040114
		Location	ICM-101	QC
		Sample Date	04/01/2014	04/01/2014
		Sample Delivery Group	480-56993-1	480-56993-1
Units	**Method**	**Parameter Name**		
µg/L	SW8270	Isophorone		
µg/L	SW8270	N-Nitrosodi-n-propylamine		
µg/L	SW8270	N-Nitrosodiphenylamine		
µg/L	SW8270	Naphthalene		
µg/L	SW8270	Nitrobenzene		
µg/L	SW8270	Pentachlorophenol		
µg/L	SW8270	Phenanthrene		
µg/L	SW8270	Phenol		
µg/L	SW8270	Pyrene		

Notes:
U = undetected
J = estimated value

Prepared by:BinduLingaiah 05/30/2014
Reviewed by:Lakshmi Devi 05/30/2014

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: 480-56993-1
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: Andrew Madden

Authorized for release by:
4/23/2014 2:01:19 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-56993-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-56993-1

Comments
No additional comments.

Receipt
The samples were received on 4/1/2014 4:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.5º C and 3.8º C.

Except:

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): BCC Area AICM-101F 0414 (480-56993-10)

GC/MS VOA
Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area A EW-1 0414 (480-56993-2), BCC Area A RFI-26 0414 (480-56993-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: BCC Area A EW-5 0414 (480-56993-6), BCC Area A EW-5 D 0414 (480-56993-1), BCC Area A EW-5 MS 0414 (480-56993-6 MS), BCC Area A EW-5 MSD 0414 (480-56993-6 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area A EW-1 0414 (480-56993-2), BCC Area A EW-2 0414 (480-56993-3), BCC Area A ICM-101 0414 (480-56993-7), BCC Area A RFI-26 0414 (480-56993-8). 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 A EW-4 0414 (480-56993-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area A EW-3A 0414 (480-56993-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) for analytical batch 173634 recovered outside control limits for multiple analytes. These analytes were within acceptable limits in the low level calibration verification (CCVL), therefore the data have been qualified and reported.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 173279 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: Surrogate recovery for the following samples was outside control limits: BCC Area A ICM-101 0414 (480-56993-7). Evidence of matrix interference is present; dilution was performed with similar results.

Method(s) 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area A EW-1 0414 (480-56993-2), BCC Area A EW-2 0414 (480-56993-3), BCC Area A EW-4 0414 (480-56993-5), BCC Area A EW-5 0414 (480-56993-6), BCC Area A EW-5 D 0414 (480-56993-1), BCC Area A ICM-101 0414 (480-56993-7), BCC Area A RFI-26 0414 (480-56993-8). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch174208 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-174208/3).

Job ID: 480-56993-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area A EW-3A 0414 (480-56993-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The analytes 2-Methylnaphthalene, 4-Chloroaniline, Acenaphthene and Dibenzofuran were detected in the sample at a concentration above the linear range of the initial calibration curve. Due to the high dilution dictated by other target compounds, these analytes were diluted out in the re-analysis of the sample. Therefore, the value being reported is from the original analysis and is qualified with an E flag.

No other analytical or quality issues were noted.

Metals

Method(s) 6010C: The Serial Dilution (480-56993-6 SD) in batch 480-173424, exhibited results outside the quality control limits for total barium. However, the Post Digestion Spike was compliant so no corrective action was necessary.

No other analytical or quality issues were noted.

Organic Prep

Method(s) 3510C: The following sample formed emulsions during the extraction procedure: BCC Area A ICM-101 0414 (480-56993-7). The emulsions were broken up using centrifuge.

No other analytical or quality issues were noted.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-5 D 0414 — Lab Sample ID: 480-56993-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.5	J	5.0	4.1	ug/L	5		8260C	Total/NA
Ethylbenzene	49		5.0	3.7	ug/L	5		8260C	Total/NA
Isopropylbenzene	6.7		5.0	4.0	ug/L	5		8260C	Total/NA
Toluene	7.3		5.0	2.6	ug/L	5		8260C	Total/NA
Xylenes, Total	340		10	3.3	ug/L	5		8260C	Total/NA
2,4-Dimethylphenol	1.3	J	4.8	0.48	ug/L	1		8270D	Total/NA
2-Methylphenol	1.0	J	4.8	0.39	ug/L	1		8270D	Total/NA
Acenaphthene	24		4.8	0.40	ug/L	1		8270D	Total/NA
Acenaphthylene	0.72	J	4.8	0.37	ug/L	1		8270D	Total/NA
Anthracene	5.3		4.8	0.27	ug/L	1		8270D	Total/NA
Benzaldehyde	5.7		4.8	0.26	ug/L	1		8270D	Total/NA
Benzo(a)anthracene	1.8	J	4.8	0.35	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	1.5	J	4.8	0.45	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	1.5	J	4.8	0.33	ug/L	1		8270D	Total/NA
Benzo(k)fluoranthene	0.97	J	4.8	0.71	ug/L	1		8270D	Total/NA
Biphenyl	17		4.8	0.63	ug/L	1		8270D	Total/NA
Carbazole	0.74	J	4.8	0.29	ug/L	1		8270D	Total/NA
Chrysene	1.9	J	4.8	0.32	ug/L	1		8270D	Total/NA
Dibenzofuran	23		9.7	0.49	ug/L	1		8270D	Total/NA
Fluoranthene	6.9		4.8	0.39	ug/L	1		8270D	Total/NA
Fluorene	17		4.8	0.35	ug/L	1		8270D	Total/NA
Phenanthrene	25		4.8	0.43	ug/L	1		8270D	Total/NA
Pyrene	6.0		4.8	0.33	ug/L	1		8270D	Total/NA
2-Methylnaphthalene - DL	73	J *	97	12	ug/L	20		8270D	Total/NA
Aniline - DL	500		190	12	ug/L	20		8270D	Total/NA
Naphthalene - DL	470		97	15	ug/L	20		8270D	Total/NA
Arsenic	0.018		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.091		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	337		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0015	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.042		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	28.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	60.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.1		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	63.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	886		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.047		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area A EW-1 0414 — Lab Sample ID: 480-56993-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1400		50	40	ug/L	50		8260C	Total/NA
1,3-Dichlorobenzene	160		50	39	ug/L	50		8260C	Total/NA
1,4-Dichlorobenzene	1700		50	42	ug/L	50		8260C	Total/NA
Benzene	110		50	21	ug/L	50		8260C	Total/NA
Chlorobenzene - DL	18000		500	380	ug/L	500		8260C	Total/NA
2,4-Dimethylphenol	0.49	J	4.8	0.48	ug/L	1		8270D	Total/NA
2-Chlorophenol	39		4.8	0.51	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-1 0414 (Continued) — Lab Sample ID: 480-56993-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylphenol	1.2	J	4.8	0.38	ug/L	1		8270D	Total/NA
2-Nitroaniline	0.87	J	9.6	0.40	ug/L	1		8270D	Total/NA
4-Chloro-3-methylphenol	21		4.8	0.43	ug/L	1		8270D	Total/NA
Acenaphthene	4.4	J	4.8	0.39	ug/L	1		8270D	Total/NA
Anthracene	0.40	J	4.8	0.27	ug/L	1		8270D	Total/NA
Biphenyl	0.63	J	4.8	0.63	ug/L	1		8270D	Total/NA
Carbazole	1.0	J	4.8	0.29	ug/L	1		8270D	Total/NA
Naphthalene	1.8	J	4.8	0.73	ug/L	1		8270D	Total/NA
Phenol	15		4.8	0.37	ug/L	1		8270D	Total/NA
Aniline - DL	160	J	190	12	ug/L	20		8270D	Total/NA
N-Nitrosodiphenylamine - DL	13	J	96	9.8	ug/L	20		8270D	Total/NA
Arsenic	0.027		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.062		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	192		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0029	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.014		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	6.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	18.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.63		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	34.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	166		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	0.064		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area A EW-2 0414 — Lab Sample ID: 480-56993-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	170	J	200	82	ug/L	200		8260C	Total/NA
Chlorobenzene	8700		200	150	ug/L	200		8260C	Total/NA
2,4-Dimethylphenol	1.5	J	4.8	0.48	ug/L	1		8270D	Total/NA
2-Chlorophenol	4.0	J	4.8	0.51	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	1.5	J *	4.8	0.57	ug/L	1		8270D	Total/NA
2-Methylphenol	8.4		4.8	0.38	ug/L	1		8270D	Total/NA
4-Chloro-3-methylphenol	42		4.8	0.43	ug/L	1		8270D	Total/NA
4-Methylphenol	2.6	J	9.6	0.34	ug/L	1		8270D	Total/NA
Acenaphthene	6.5		4.8	0.39	ug/L	1		8270D	Total/NA
Acenaphthylene	2.0	J	4.8	0.36	ug/L	1		8270D	Total/NA
Aniline	29		9.6	0.58	ug/L	1		8270D	Total/NA
Anthracene	0.88	J	4.8	0.27	ug/L	1		8270D	Total/NA
Benzaldehyde	0.33	J	4.8	0.26	ug/L	1		8270D	Total/NA
Biphenyl	1.5	J	4.8	0.62	ug/L	1		8270D	Total/NA
Carbazole	1.1	J	4.8	0.29	ug/L	1		8270D	Total/NA
Dibenzofuran	0.83	J	9.6	0.49	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.38	J	4.8	0.30	ug/L	1		8270D	Total/NA
Fluorene	1.7	J	4.8	0.34	ug/L	1		8270D	Total/NA
Phenol	0.38	J	4.8	0.37	ug/L	1		8270D	Total/NA
4-Chloroaniline - DL	29	J	48	5.6	ug/L	10		8270D	Total/NA
Naphthalene - DL	150		48	7.3	ug/L	10		8270D	Total/NA
N-Nitrosodiphenylamine - DL	43	J	48	4.9	ug/L	10		8270D	Total/NA
Arsenic	0.22		0.015	0.0056	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area A EW-2 0414 (Continued) — Lab Sample ID: 480-56993-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.079		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	103		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0043		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.030		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.49		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0094	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	11.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.58		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0046	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	82.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	213		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0078		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.056		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area A EW-3A 0414 — Lab Sample ID: 480-56993-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	310		20	8.2	ug/L	20		8260C	Total/NA
Chlorobenzene	1700		20	15	ug/L	20		8260C	Total/NA
2,4-Dimethylphenol	2.3	J	4.8	0.48	ug/L	1		8270D	Total/NA
2-Chlorophenol	2.4	J	4.8	0.51	ug/L	1		8270D	Total/NA
2-Methylphenol	3.9	J	4.8	0.39	ug/L	1		8270D	Total/NA
Acenaphthene	2.7	J	4.8	0.40	ug/L	1		8270D	Total/NA
Biphenyl	1.1	J	4.8	0.63	ug/L	1		8270D	Total/NA
Carbazole	1.0	J	4.8	0.29	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.38	J	4.8	0.30	ug/L	1		8270D	Total/NA
Naphthalene	23		4.8	0.74	ug/L	1		8270D	Total/NA
Nitrobenzene	7.4		4.8	0.28	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	19		4.8	0.49	ug/L	1		8270D	Total/NA
Phenol	1.2	J	4.8	0.38	ug/L	1		8270D	Total/NA
4-Chloroaniline - DL	150		48	5.7	ug/L	10		8270D	Total/NA
Aniline - DL	180		97	5.9	ug/L	10		8270D	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.082		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.041		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	28.9		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0075		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0012	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.011		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.95		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	7.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.076		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	190		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	382		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.014		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.016		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area A EW-4 0414 — Lab Sample ID: 480-56993-5

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area A EW-4 0414 (Continued)

Lab Sample ID: 480-56993-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	150		10	4.1	ug/L	10		8260C	Total/NA
Chlorobenzene	59		10	7.5	ug/L	10		8260C	Total/NA
Ethylbenzene	10		10	7.4	ug/L	10		8260C	Total/NA
Xylenes, Total	11	J	20	6.6	ug/L	10		8260C	Total/NA
2-Methylnaphthalene	86	E *	4.9	0.59	ug/L	1		8270D	Total/NA
4-Chloroaniline	80	E	4.9	0.58	ug/L	1		8270D	Total/NA
Acenaphthene	80	E	4.9	0.40	ug/L	1		8270D	Total/NA
Anthracene	4.3	J	4.9	0.27	ug/L	1		8270D	Total/NA
Benzaldehyde	54		4.9	0.26	ug/L	1		8270D	Total/NA
Biphenyl	39		4.9	0.64	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	4.2	J	4.9	1.8	ug/L	1		8270D	Total/NA
Carbazole	7.7		4.9	0.29	ug/L	1		8270D	Total/NA
Dibenzofuran	70	E	9.8	0.50	ug/L	1		8270D	Total/NA
Fluoranthene	1.4	J	4.9	0.39	ug/L	1		8270D	Total/NA
Fluorene	58		4.9	0.35	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	17		4.9	0.50	ug/L	1		8270D	Total/NA
Phenanthrene	29		4.9	0.43	ug/L	1		8270D	Total/NA
Pyrene	1.0	J	4.9	0.33	ug/L	1		8270D	Total/NA
Aniline - DL	5900		980	60	ug/L	100		8270D	Total/NA
Naphthalene - DL	740		490	74	ug/L	100		8270D	Total/NA
Aluminum	0.12	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.015		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	4.7		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.018		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0042		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.031		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.49		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0065	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	1.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.016		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0064	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	409		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1080		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.047		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area A EW-5 0414

Lab Sample ID: 480-56993-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	12		8.0	6.0	ug/L	8		8260C	Total/NA
Ethylbenzene	47		8.0	5.9	ug/L	8		8260C	Total/NA
Isopropylbenzene	6.4	J	8.0	6.3	ug/L	8		8260C	Total/NA
Toluene	7.1	J	8.0	4.1	ug/L	8		8260C	Total/NA
Xylenes, Total	300		16	5.3	ug/L	8		8260C	Total/NA
2,4-Dimethylphenol	1.9	J	4.9	0.49	ug/L	1		8270D	Total/NA
Acenaphthene	22		4.9	0.40	ug/L	1		8270D	Total/NA
Acenaphthylene	0.74	J	4.9	0.37	ug/L	1		8270D	Total/NA
Anthracene	4.9		4.9	0.27	ug/L	1		8270D	Total/NA
Benzo(a)anthracene	2.0	J	4.9	0.35	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area A EW-5 0414 (Continued)

Lab Sample ID: 480-56993-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)pyrene	1.6	J	4.9	0.46	ug/L	1		8270D	Total/NA
Benzo(b)fluoranthene	1.4	J	4.9	0.33	ug/L	1		8270D	Total/NA
Benzo(g,h,i)perylene	0.52	J	4.9	0.34	ug/L	1		8270D	Total/NA
Benzo(k)fluoranthene	1.1	J	4.9	0.71	ug/L	1		8270D	Total/NA
Biphenyl	16		4.9	0.64	ug/L	1		8270D	Total/NA
Carbazole	0.79	J	4.9	0.29	ug/L	1		8270D	Total/NA
Chrysene	2.0	J	4.9	0.32	ug/L	1		8270D	Total/NA
Dibenzofuran	21		9.8	0.50	ug/L	1		8270D	Total/NA
Fluoranthene	7.7		4.9	0.39	ug/L	1		8270D	Total/NA
Fluorene	16		4.9	0.35	ug/L	1		8270D	Total/NA
Indeno(1,2,3-cd)pyrene	0.58	J	4.9	0.46	ug/L	1		8270D	Total/NA
Phenanthrene	26		4.9	0.43	ug/L	1		8270D	Total/NA
Pyrene	6.5		4.9	0.33	ug/L	1		8270D	Total/NA
2-Methylnaphthalene - DL	66	J *	98	12	ug/L	20		8270D	Total/NA
Aniline - DL	440		200	12	ug/L	20		8270D	Total/NA
Naphthalene - DL	410		98	15	ug/L	20		8270D	Total/NA
Arsenic	0.018		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.090		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	340		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0016	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.036		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	28.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	61.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.2		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0031	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	64.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	889		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.041		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area A ICM-101 0414

Lab Sample ID: 480-56993-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	170		100	84	ug/L	100		8260C	Total/NA
Benzene	3400		100	41	ug/L	100		8260C	Total/NA
Chlorobenzene	8900		100	75	ug/L	100		8260C	Total/NA
2-Chlorophenol	7.9		4.9	0.52	ug/L	1		8270D	Total/NA
Aniline	32		9.7	0.59	ug/L	1		8270D	Total/NA
Anthracene	0.51	J	4.9	0.27	ug/L	1		8270D	Total/NA
Benzaldehyde	0.36	J	4.9	0.26	ug/L	1		8270D	Total/NA
Benzo(a)pyrene	1.2	J	4.9	0.46	ug/L	1		8270D	Total/NA
Caprolactam	5.4		4.9	2.1	ug/L	1		8270D	Total/NA
Carbazole	0.34	J	4.9	0.29	ug/L	1		8270D	Total/NA
Fluoranthene	1.1	J	4.9	0.39	ug/L	1		8270D	Total/NA
Fluorene	0.45	J	4.9	0.35	ug/L	1		8270D	Total/NA
Naphthalene	0.98	J	4.9	0.74	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	2.5	J	4.9	0.50	ug/L	1		8270D	Total/NA
Phenanthrene	1.6	J	4.9	0.43	ug/L	1		8270D	Total/NA
Phenol	4.5	J	4.9	0.38	ug/L	1		8270D	Total/NA
Pyrene	1.0	J	4.9	0.33	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area A ICM-101 0414 (Continued) — Lab Sample ID: 480-56993-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Chloroaniline - DL	270		49	5.7	ug/L	10		8270D	Total/NA
Aluminum	5.1		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.0076	J	0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.12		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.0027		0.0020	0.00030	mg/L	1		6010C	Total/NA
Calcium	70.1		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.21		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0038	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.040		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	22.4		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.026		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	10.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.62		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.032		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.4		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.0090	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	1160		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.29		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.12		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00083		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area A RFI-26 0414 — Lab Sample ID: 480-56993-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	51		40	16	ug/L	40		8260C	Total/NA
Chlorobenzene - DL	6200		200	150	ug/L	200		8260C	Total/NA
2-Chlorophenol	19		4.7	0.50	ug/L	1		8270D	Total/NA
4-Chloro-3-methylphenol	40		4.7	0.43	ug/L	1		8270D	Total/NA
Aniline	12		9.5	0.58	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.26	J	4.7	0.21	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.35	J	4.7	0.29	ug/L	1		8270D	Total/NA
4-Chloroaniline - DL	660		95	11	ug/L	20		8270D	Total/NA
Aluminum	0.089	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.018		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.18		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	127		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0056		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	1.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	23.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.61		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	45.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	234		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0053		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0033	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-56993-9

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area AICM-101F 0414

Lab Sample ID: 480-56993-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4.2		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.0078	J	0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.13		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.0027		0.0020	0.00030	mg/L	1		6010C	Total/NA
Calcium	79.2		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.20		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0053		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.033		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	23.2		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.019		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	12.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.69		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.035		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	13.4		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.0098	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	1190		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.31		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.14		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00069		0.00020	0.00012	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-5 D 0414
Date Collected: 04/01/14 13:15
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			04/04/14 15:57	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			04/04/14 15:57	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			04/04/14 15:57	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			04/04/14 15:57	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			04/04/14 15:57	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			04/04/14 15:57	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			04/04/14 15:57	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			04/04/14 15:57	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			04/04/14 15:57	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			04/04/14 15:57	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			04/04/14 15:57	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			04/04/14 15:57	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			04/04/14 15:57	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			04/04/14 15:57	5
2-Butanone (MEK)	ND		50	6.6	ug/L			04/04/14 15:57	5
2-Hexanone	ND		25	6.2	ug/L			04/04/14 15:57	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			04/04/14 15:57	5
Acetone	ND		50	15	ug/L			04/04/14 15:57	5
Benzene	ND		5.0	2.1	ug/L			04/04/14 15:57	5
Bromodichloromethane	ND		5.0	2.0	ug/L			04/04/14 15:57	5
Bromoform	ND		5.0	1.3	ug/L			04/04/14 15:57	5
Bromomethane	ND		5.0	3.5	ug/L			04/04/14 15:57	5
Carbon disulfide	ND		5.0	0.95	ug/L			04/04/14 15:57	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			04/04/14 15:57	5
Chlorobenzene	ND		5.0	3.8	ug/L			04/04/14 15:57	5
Chloroethane	ND		5.0	1.6	ug/L			04/04/14 15:57	5
Chloroform	ND		5.0	1.7	ug/L			04/04/14 15:57	5
Chloromethane	ND		5.0	1.8	ug/L			04/04/14 15:57	5
cis-1,2-Dichloroethene	**4.5**	**J**	5.0	4.1	ug/L			04/04/14 15:57	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			04/04/14 15:57	5
Cyclohexane	ND		5.0	0.90	ug/L			04/04/14 15:57	5
Dibromochloromethane	ND		5.0	1.6	ug/L			04/04/14 15:57	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			04/04/14 15:57	5
Ethylbenzene	**49**		5.0	3.7	ug/L			04/04/14 15:57	5
Isopropylbenzene	**6.7**		5.0	4.0	ug/L			04/04/14 15:57	5
Methyl acetate	ND		13	2.5	ug/L			04/04/14 15:57	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			04/04/14 15:57	5
Methylcyclohexane	ND		5.0	0.80	ug/L			04/04/14 15:57	5
Methylene Chloride	ND		5.0	2.2	ug/L			04/04/14 15:57	5
Styrene	ND		5.0	3.7	ug/L			04/04/14 15:57	5
Tetrachloroethene	ND		5.0	1.8	ug/L			04/04/14 15:57	5
Toluene	**7.3**		5.0	2.6	ug/L			04/04/14 15:57	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			04/04/14 15:57	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			04/04/14 15:57	5
Trichloroethene	ND		5.0	2.3	ug/L			04/04/14 15:57	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			04/04/14 15:57	5
Vinyl chloride	ND		5.0	4.5	ug/L			04/04/14 15:57	5
Xylenes, Total	**340**		10	3.3	ug/L			04/04/14 15:57	5

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-5 D 0414
Date Collected: 04/01/14 13:15
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*04/04/14 15:57*	*5*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*04/04/14 15:57*	*5*
Toluene-d8 (Surr)	*110*		*71 - 126*		*04/04/14 15:57*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/02/14 06:10	04/04/14 04:14	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		04/02/14 06:10	04/04/14 04:14	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/02/14 06:10	04/04/14 04:14	1
2,4-Dimethylphenol	**1.3**	**J**	4.8	0.48	ug/L		04/02/14 06:10	04/04/14 04:14	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 04:14	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 04:14	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 04:14	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 04:14	1
2-Chlorophenol	ND		4.8	0.51	ug/L		04/02/14 06:10	04/04/14 04:14	1
2-Methylphenol	**1.0**	**J**	4.8	0.39	ug/L		04/02/14 06:10	04/04/14 04:14	1
2-Nitroaniline	ND		9.7	0.41	ug/L		04/02/14 06:10	04/04/14 04:14	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/02/14 06:10	04/04/14 04:14	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 04:14	1
3-Nitroaniline	ND		9.7	0.46	ug/L		04/02/14 06:10	04/04/14 04:14	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 04:14	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 04:14	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 04:14	1
4-Chloroaniline	ND		4.8	0.57	ug/L		04/02/14 06:10	04/04/14 04:14	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 04:14	1
4-Methylphenol	ND		9.7	0.35	ug/L		04/02/14 06:10	04/04/14 04:14	1
4-Nitroaniline	ND		9.7	0.24	ug/L		04/02/14 06:10	04/04/14 04:14	1
4-Nitrophenol	ND		9.7	1.5	ug/L		04/02/14 06:10	04/04/14 04:14	1
Acenaphthene	**24**		4.8	0.40	ug/L		04/02/14 06:10	04/04/14 04:14	1
Acenaphthylene	**0.72**	**J**	4.8	0.37	ug/L		04/02/14 06:10	04/04/14 04:14	1
Acetophenone	ND		4.8	0.52	ug/L		04/02/14 06:10	04/04/14 04:14	1
Anthracene	**5.3**		4.8	0.27	ug/L		04/02/14 06:10	04/04/14 04:14	1
Atrazine	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 04:14	1
Benzaldehyde	**5.7**		4.8	0.26	ug/L		04/02/14 06:10	04/04/14 04:14	1
Benzo(a)anthracene	**1.8**	**J**	4.8	0.35	ug/L		04/02/14 06:10	04/04/14 04:14	1
Benzo(a)pyrene	**1.5**	**J**	4.8	0.45	ug/L		04/02/14 06:10	04/04/14 04:14	1
Benzo(b)fluoranthene	**1.5**	**J**	4.8	0.33	ug/L		04/02/14 06:10	04/04/14 04:14	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 04:14	1
Benzo(k)fluoranthene	**0.97**	**J**	4.8	0.71	ug/L		04/02/14 06:10	04/04/14 04:14	1
Biphenyl	**17**		4.8	0.63	ug/L		04/02/14 06:10	04/04/14 04:14	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/02/14 06:10	04/04/14 04:14	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 04:14	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 04:14	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/02/14 06:10	04/04/14 04:14	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		04/02/14 06:10	04/04/14 04:14	1
Caprolactam	ND		4.8	2.1	ug/L		04/02/14 06:10	04/04/14 04:14	1
Carbazole	**0.74**	**J**	4.8	0.29	ug/L		04/02/14 06:10	04/04/14 04:14	1
Chrysene	**1.9**	**J**	4.8	0.32	ug/L		04/02/14 06:10	04/04/14 04:14	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		04/02/14 06:10	04/04/14 04:14	1
Dibenzofuran	**23**		9.7	0.49	ug/L		04/02/14 06:10	04/04/14 04:14	1

Client Sample ID: BCC Area A EW-5 D 0414
Date Collected: 04/01/14 13:15
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		4.8	0.21	ug/L		04/02/14 06:10	04/04/14 04:14	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 04:14	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		04/02/14 06:10	04/04/14 04:14	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 04:14	1
Fluoranthene	**6.9**		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 04:14	1
Fluorene	**17**		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 04:14	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/02/14 06:10	04/04/14 04:14	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		04/02/14 06:10	04/04/14 04:14	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		04/02/14 06:10	04/04/14 04:14	1
Hexachloroethane	ND	*	4.8	0.57	ug/L		04/02/14 06:10	04/04/14 04:14	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 04:14	1
Isophorone	ND		4.8	0.42	ug/L		04/02/14 06:10	04/04/14 04:14	1
Nitrobenzene	ND		4.8	0.28	ug/L		04/02/14 06:10	04/04/14 04:14	1
N-Nitrosodi-n-propylamine	ND	*	4.8	0.52	ug/L		04/02/14 06:10	04/04/14 04:14	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		04/02/14 06:10	04/04/14 04:14	1
Pentachlorophenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 04:14	1
Phenanthrene	**25**		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 04:14	1
Phenol	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 04:14	1
Pyrene	**6.0**		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*52 - 132*	*04/02/14 06:10*	*04/04/14 04:14*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*04/02/14 06:10*	*04/04/14 04:14*	*1*
2-Fluorophenol	*69*		*20 - 120*	*04/02/14 06:10*	*04/04/14 04:14*	*1*
Nitrobenzene-d5	*111*		*46 - 120*	*04/02/14 06:10*	*04/04/14 04:14*	*1*
Phenol-d5	*50*		*16 - 120*	*04/02/14 06:10*	*04/04/14 04:14*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*04/02/14 06:10*	*04/04/14 04:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**73**	**J ***	97	12	ug/L		04/02/14 06:10	04/04/14 09:20	20
Aniline	**500**		190	12	ug/L		04/02/14 06:10	04/04/14 09:20	20
Naphthalene	**470**		97	15	ug/L		04/02/14 06:10	04/04/14 09:20	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*52 - 132*	*04/02/14 06:10*	*04/04/14 09:20*	*20*
2-Fluorobiphenyl	*70*		*48 - 120*	*04/02/14 06:10*	*04/04/14 09:20*	*20*
2-Fluorophenol	*36*		*20 - 120*	*04/02/14 06:10*	*04/04/14 09:20*	*20*
Nitrobenzene-d5	*59*		*46 - 120*	*04/02/14 06:10*	*04/04/14 09:20*	*20*
Phenol-d5	*17*		*16 - 120*	*04/02/14 06:10*	*04/04/14 09:20*	*20*
p-Terphenyl-d14	*78*		*67 - 150*	*04/02/14 06:10*	*04/04/14 09:20*	*20*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		04/02/14 09:20	04/05/14 14:00	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 14:00	1
Arsenic	**0.018**		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 14:00	1
Barium	**0.091**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 14:00	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 14:00	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 14:00	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-5 D 0414
Date Collected: 04/01/14 13:15
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	337		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:00	1
Chromium	0.0014	J	0.0040	0.0010	mg/L		04/02/14 09:20	04/05/14 14:00	1
Cobalt	0.0015	J	0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 14:00	1
Copper	0.042		0.010	0.0016	mg/L		04/02/14 09:20	04/05/14 14:00	1
Iron	28.0		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 14:00	1
Lead	ND		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 14:00	1
Magnesium	60.0		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 14:00	1
Manganese	4.1		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 14:00	1
Nickel	0.0027	J	0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 14:00	1
Potassium	63.1		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:00	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 14:00	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 14:00	1
Sodium	886		1.0	0.32	mg/L		04/02/14 09:20	04/05/14 14:00	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 14:00	1
Vanadium	ND		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 14:00	1
Zinc	0.047		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 14:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 13:42	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-1 0414
Date Collected: 04/01/14 12:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			04/04/14 16:21	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			04/04/14 16:21	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			04/04/14 16:21	50
1,1,2-Trichloroethane	ND		50	12	ug/L			04/04/14 16:21	50
1,1-Dichloroethane	ND		50	19	ug/L			04/04/14 16:21	50
1,1-Dichloroethene	ND		50	15	ug/L			04/04/14 16:21	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			04/04/14 16:21	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			04/04/14 16:21	50
1,2-Dibromoethane	ND		50	37	ug/L			04/04/14 16:21	50
1,2-Dichlorobenzene	**1400**		50	40	ug/L			04/04/14 16:21	50
1,2-Dichloroethane	ND		50	11	ug/L			04/04/14 16:21	50
1,2-Dichloropropane	ND		50	36	ug/L			04/04/14 16:21	50
1,3-Dichlorobenzene	**160**		50	39	ug/L			04/04/14 16:21	50
1,4-Dichlorobenzene	**1700**		50	42	ug/L			04/04/14 16:21	50
2-Butanone (MEK)	ND		500	66	ug/L			04/04/14 16:21	50
2-Hexanone	ND		250	62	ug/L			04/04/14 16:21	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			04/04/14 16:21	50
Acetone	ND		500	150	ug/L			04/04/14 16:21	50
Benzene	**110**		50	21	ug/L			04/04/14 16:21	50
Bromodichloromethane	ND		50	20	ug/L			04/04/14 16:21	50
Bromoform	ND		50	13	ug/L			04/04/14 16:21	50
Bromomethane	ND		50	35	ug/L			04/04/14 16:21	50
Carbon disulfide	ND		50	9.5	ug/L			04/04/14 16:21	50
Carbon tetrachloride	ND		50	14	ug/L			04/04/14 16:21	50
Chloroethane	ND		50	16	ug/L			04/04/14 16:21	50
Chloroform	ND		50	17	ug/L			04/04/14 16:21	50
Chloromethane	ND		50	18	ug/L			04/04/14 16:21	50
cis-1,2-Dichloroethene	ND		50	41	ug/L			04/04/14 16:21	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			04/04/14 16:21	50
Cyclohexane	ND		50	9.0	ug/L			04/04/14 16:21	50
Dibromochloromethane	ND		50	16	ug/L			04/04/14 16:21	50
Dichlorodifluoromethane	ND		50	34	ug/L			04/04/14 16:21	50
Ethylbenzene	ND		50	37	ug/L			04/04/14 16:21	50
Isopropylbenzene	ND		50	40	ug/L			04/04/14 16:21	50
Methyl acetate	ND		130	25	ug/L			04/04/14 16:21	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			04/04/14 16:21	50
Methylcyclohexane	ND		50	8.0	ug/L			04/04/14 16:21	50
Methylene Chloride	ND		50	22	ug/L			04/04/14 16:21	50
Styrene	ND		50	37	ug/L			04/04/14 16:21	50
Tetrachloroethene	ND		50	18	ug/L			04/04/14 16:21	50
Toluene	ND		50	26	ug/L			04/04/14 16:21	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			04/04/14 16:21	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			04/04/14 16:21	50
Trichloroethene	ND		50	23	ug/L			04/04/14 16:21	50
Trichlorofluoromethane	ND		50	44	ug/L			04/04/14 16:21	50
Vinyl chloride	ND		50	45	ug/L			04/04/14 16:21	50
Xylenes, Total	ND		100	33	ug/L			04/04/14 16:21	50

Client Sample ID: BCC Area A EW-1 0414
Date Collected: 04/01/14 12:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-2
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/04/14 16:21*	*50*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*04/04/14 16:21*	*50*
Toluene-d8 (Surr)	*89*		*71 - 126*		*04/04/14 16:21*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**18000**		500	380	ug/L			04/05/14 00:36	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*04/05/14 00:36*	*500*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/05/14 00:36*	*500*
Toluene-d8 (Surr)	*104*		*71 - 126*		*04/05/14 00:36*	*500*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/02/14 06:10	04/04/14 04:38	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		04/02/14 06:10	04/04/14 04:38	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/02/14 06:10	04/04/14 04:38	1
2,4-Dimethylphenol	**0.49**	**J**	4.8	0.48	ug/L		04/02/14 06:10	04/04/14 04:38	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		04/02/14 06:10	04/04/14 04:38	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 04:38	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 04:38	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 04:38	1
2-Chlorophenol	**39**		4.8	0.51	ug/L		04/02/14 06:10	04/04/14 04:38	1
2-Methylnaphthalene	ND	*	4.8	0.58	ug/L		04/02/14 06:10	04/04/14 04:38	1
2-Methylphenol	**1.2**	**J**	4.8	0.38	ug/L		04/02/14 06:10	04/04/14 04:38	1
2-Nitroaniline	**0.87**	**J**	9.6	0.40	ug/L		04/02/14 06:10	04/04/14 04:38	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/02/14 06:10	04/04/14 04:38	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 04:38	1
3-Nitroaniline	ND		9.6	0.46	ug/L		04/02/14 06:10	04/04/14 04:38	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		04/02/14 06:10	04/04/14 04:38	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 04:38	1
4-Chloro-3-methylphenol	**21**		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 04:38	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 04:38	1
4-Methylphenol	ND		9.6	0.35	ug/L		04/02/14 06:10	04/04/14 04:38	1
4-Nitroaniline	ND		9.6	0.24	ug/L		04/02/14 06:10	04/04/14 04:38	1
4-Nitrophenol	ND		9.6	1.5	ug/L		04/02/14 06:10	04/04/14 04:38	1
Acenaphthene	**4.4**	**J**	4.8	0.39	ug/L		04/02/14 06:10	04/04/14 04:38	1
Acenaphthylene	ND		4.8	0.37	ug/L		04/02/14 06:10	04/04/14 04:38	1
Acetophenone	ND		4.8	0.52	ug/L		04/02/14 06:10	04/04/14 04:38	1
Anthracene	**0.40**	**J**	4.8	0.27	ug/L		04/02/14 06:10	04/04/14 04:38	1
Atrazine	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 04:38	1
Benzaldehyde	ND		4.8	0.26	ug/L		04/02/14 06:10	04/04/14 04:38	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 04:38	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 04:38	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 04:38	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 04:38	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		04/02/14 06:10	04/04/14 04:38	1
Biphenyl	**0.63**	**J**	4.8	0.63	ug/L		04/02/14 06:10	04/04/14 04:38	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/02/14 06:10	04/04/14 04:38	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 04:38	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-1 0414
Date Collected: 04/01/14 12:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 04:38	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/02/14 06:10	04/04/14 04:38	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		04/02/14 06:10	04/04/14 04:38	1
Caprolactam	ND		4.8	2.1	ug/L		04/02/14 06:10	04/04/14 04:38	1
Carbazole	**1.0**	**J**	4.8	0.29	ug/L		04/02/14 06:10	04/04/14 04:38	1
Chrysene	ND		4.8	0.32	ug/L		04/02/14 06:10	04/04/14 04:38	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/02/14 06:10	04/04/14 04:38	1
Dibenzofuran	ND		9.6	0.49	ug/L		04/02/14 06:10	04/04/14 04:38	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/02/14 06:10	04/04/14 04:38	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 04:38	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		04/02/14 06:10	04/04/14 04:38	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 04:38	1
Fluoranthene	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 04:38	1
Fluorene	ND		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 04:38	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/02/14 06:10	04/04/14 04:38	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/02/14 06:10	04/04/14 04:38	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		04/02/14 06:10	04/04/14 04:38	1
Hexachloroethane	ND	*	4.8	0.57	ug/L		04/02/14 06:10	04/04/14 04:38	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 04:38	1
Isophorone	ND		4.8	0.41	ug/L		04/02/14 06:10	04/04/14 04:38	1
Naphthalene	**1.8**	**J**	4.8	0.73	ug/L		04/02/14 06:10	04/04/14 04:38	1
Nitrobenzene	ND		4.8	0.28	ug/L		04/02/14 06:10	04/04/14 04:38	1
N-Nitrosodi-n-propylamine	ND	*	4.8	0.52	ug/L		04/02/14 06:10	04/04/14 04:38	1
Pentachlorophenol	ND		9.6	2.1	ug/L		04/02/14 06:10	04/04/14 04:38	1
Phenanthrene	ND		4.8	0.42	ug/L		04/02/14 06:10	04/04/14 04:38	1
Phenol	**15**		4.8	0.37	ug/L		04/02/14 06:10	04/04/14 04:38	1
Pyrene	ND		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*111*		*52 - 132*	*04/02/14 06:10*	*04/04/14 04:38*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*04/02/14 06:10*	*04/04/14 04:38*	*1*
2-Fluorophenol	*93*		*20 - 120*	*04/02/14 06:10*	*04/04/14 04:38*	*1*
Nitrobenzene-d5	*97*		*46 - 120*	*04/02/14 06:10*	*04/04/14 04:38*	*1*
Phenol-d5	*75*		*16 - 120*	*04/02/14 06:10*	*04/04/14 04:38*	*1*
p-Terphenyl-d14	*74*		*67 - 150*	*04/02/14 06:10*	*04/04/14 04:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		96	11	ug/L		04/02/14 06:10	04/04/14 09:44	20
Aniline	**160**	**J**	190	12	ug/L		04/02/14 06:10	04/04/14 09:44	20
N-Nitrosodiphenylamine	**13**	**J**	96	9.8	ug/L		04/02/14 06:10	04/04/14 09:44	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*52 - 132*	*04/02/14 06:10*	*04/04/14 09:44*	*20*
2-Fluorobiphenyl	*56*		*48 - 120*	*04/02/14 06:10*	*04/04/14 09:44*	*20*
2-Fluorophenol	*0*	*X*	*20 - 120*	*04/02/14 06:10*	*04/04/14 09:44*	*20*
Nitrobenzene-d5	*65*		*46 - 120*	*04/02/14 06:10*	*04/04/14 09:44*	*20*
Phenol-d5	*14*	*X*	*16 - 120*	*04/02/14 06:10*	*04/04/14 09:44*	*20*
p-Terphenyl-d14	*66*	*X*	*67 - 150*	*04/02/14 06:10*	*04/04/14 09:44*	*20*

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-1 0414
Date Collected: 04/01/14 12:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-2
Matrix: Ground Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		04/02/14 09:20	04/05/14 14:03	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 14:03	1
Arsenic	**0.027**		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 14:03	1
Barium	**0.062**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 14:03	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 14:03	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 14:03	1
Calcium	**192**		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:03	1
Chromium	**0.0029**	**J**	0.0040	0.0010	mg/L		04/02/14 09:20	04/05/14 14:03	1
Cobalt	ND		0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 14:03	1
Copper	**0.014**		0.010	0.0016	mg/L		04/02/14 09:20	04/05/14 14:03	1
Iron	**6.9**		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 14:03	1
Lead	ND		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 14:03	1
Magnesium	**18.9**		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 14:03	1
Manganese	**0.63**		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 14:03	1
Nickel	ND		0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 14:03	1
Potassium	**34.5**		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:03	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 14:03	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 14:03	1
Sodium	**166**		1.0	0.32	mg/L		04/02/14 09:20	04/05/14 14:03	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 14:03	1
Vanadium	**0.0019**	**J**	0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 14:03	1
Zinc	**0.064**		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 14:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 13:44	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-2 0414
Date Collected: 04/01/14 12:15
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			04/05/14 01:00	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			04/05/14 01:00	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			04/05/14 01:00	200
1,1,2-Trichloroethane	ND		200	46	ug/L			04/05/14 01:00	200
1,1-Dichloroethane	ND		200	76	ug/L			04/05/14 01:00	200
1,1-Dichloroethene	ND		200	58	ug/L			04/05/14 01:00	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			04/05/14 01:00	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			04/05/14 01:00	200
1,2-Dibromoethane	ND		200	150	ug/L			04/05/14 01:00	200
1,2-Dichlorobenzene	ND		200	160	ug/L			04/05/14 01:00	200
1,2-Dichloroethane	ND		200	42	ug/L			04/05/14 01:00	200
1,2-Dichloropropane	ND		200	140	ug/L			04/05/14 01:00	200
1,3-Dichlorobenzene	ND		200	160	ug/L			04/05/14 01:00	200
1,4-Dichlorobenzene	ND		200	170	ug/L			04/05/14 01:00	200
2-Butanone (MEK)	ND		2000	260	ug/L			04/05/14 01:00	200
2-Hexanone	ND		1000	250	ug/L			04/05/14 01:00	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			04/05/14 01:00	200
Acetone	ND		2000	600	ug/L			04/05/14 01:00	200
Benzene	**170**	**J**	200	82	ug/L			04/05/14 01:00	200
Bromodichloromethane	ND		200	78	ug/L			04/05/14 01:00	200
Bromoform	ND		200	52	ug/L			04/05/14 01:00	200
Bromomethane	ND		200	140	ug/L			04/05/14 01:00	200
Carbon disulfide	ND		200	38	ug/L			04/05/14 01:00	200
Carbon tetrachloride	ND		200	54	ug/L			04/05/14 01:00	200
Chlorobenzene	**8700**		200	150	ug/L			04/05/14 01:00	200
Chloroethane	ND		200	64	ug/L			04/05/14 01:00	200
Chloroform	ND		200	68	ug/L			04/05/14 01:00	200
Chloromethane	ND		200	70	ug/L			04/05/14 01:00	200
cis-1,2-Dichloroethene	ND		200	160	ug/L			04/05/14 01:00	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			04/05/14 01:00	200
Cyclohexane	ND		200	36	ug/L			04/05/14 01:00	200
Dibromochloromethane	ND		200	64	ug/L			04/05/14 01:00	200
Dichlorodifluoromethane	ND		200	140	ug/L			04/05/14 01:00	200
Ethylbenzene	ND		200	150	ug/L			04/05/14 01:00	200
Isopropylbenzene	ND		200	160	ug/L			04/05/14 01:00	200
Methyl acetate	ND		500	100	ug/L			04/05/14 01:00	200
Methyl tert-butyl ether	ND		200	32	ug/L			04/05/14 01:00	200
Methylcyclohexane	ND		200	32	ug/L			04/05/14 01:00	200
Methylene Chloride	ND		200	88	ug/L			04/05/14 01:00	200
Styrene	ND		200	150	ug/L			04/05/14 01:00	200
Tetrachloroethene	ND		200	72	ug/L			04/05/14 01:00	200
Toluene	ND		200	100	ug/L			04/05/14 01:00	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			04/05/14 01:00	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			04/05/14 01:00	200
Trichloroethene	ND		200	92	ug/L			04/05/14 01:00	200
Trichlorofluoromethane	ND		200	180	ug/L			04/05/14 01:00	200
Vinyl chloride	ND		200	180	ug/L			04/05/14 01:00	200
Xylenes, Total	ND		400	130	ug/L			04/05/14 01:00	200

Client Sample ID: BCC Area A EW-2 0414

Lab Sample ID: 480-56993-3

Date Collected: 04/01/14 12:15

Matrix: Ground Water

Date Received: 04/01/14 16:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*04/05/14 01:00*	*200*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*04/05/14 01:00*	*200*
Toluene-d8 (Surr)	*106*		*71 - 126*		*04/05/14 01:00*	*200*

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		04/02/14 06:10	04/04/14 05:02	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		04/02/14 06:10	04/04/14 05:02	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/02/14 06:10	04/04/14 05:02	1
2,4-Dimethylphenol	**1.5**	**J**	4.8	0.48	ug/L		04/02/14 06:10	04/04/14 05:02	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		04/02/14 06:10	04/04/14 05:02	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 05:02	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 05:02	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 05:02	1
2-Chlorophenol	**4.0**	**J**	4.8	0.51	ug/L		04/02/14 06:10	04/04/14 05:02	1
2-Methylnaphthalene	**1.5**	**J ***	4.8	0.57	ug/L		04/02/14 06:10	04/04/14 05:02	1
2-Methylphenol	**8.4**		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 05:02	1
2-Nitroaniline	ND		9.6	0.40	ug/L		04/02/14 06:10	04/04/14 05:02	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/02/14 06:10	04/04/14 05:02	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 05:02	1
3-Nitroaniline	ND		9.6	0.46	ug/L		04/02/14 06:10	04/04/14 05:02	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		04/02/14 06:10	04/04/14 05:02	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 05:02	1
4-Chloro-3-methylphenol	**42**		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 05:02	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 05:02	1
4-Methylphenol	**2.6**	**J**	9.6	0.34	ug/L		04/02/14 06:10	04/04/14 05:02	1
4-Nitroaniline	ND		9.6	0.24	ug/L		04/02/14 06:10	04/04/14 05:02	1
4-Nitrophenol	ND		9.6	1.5	ug/L		04/02/14 06:10	04/04/14 05:02	1
Acenaphthene	**6.5**		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 05:02	1
Acenaphthylene	**2.0**	**J**	4.8	0.36	ug/L		04/02/14 06:10	04/04/14 05:02	1
Acetophenone	ND		4.8	0.52	ug/L		04/02/14 06:10	04/04/14 05:02	1
Aniline	**29**		9.6	0.58	ug/L		04/02/14 06:10	04/04/14 05:02	1
Anthracene	**0.88**	**J**	4.8	0.27	ug/L		04/02/14 06:10	04/04/14 05:02	1
Atrazine	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 05:02	1
Benzaldehyde	**0.33**	**J**	4.8	0.26	ug/L		04/02/14 06:10	04/04/14 05:02	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 05:02	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 05:02	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		04/02/14 06:10	04/04/14 05:02	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 05:02	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		04/02/14 06:10	04/04/14 05:02	1
Biphenyl	**1.5**	**J**	4.8	0.62	ug/L		04/02/14 06:10	04/04/14 05:02	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/02/14 06:10	04/04/14 05:02	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 05:02	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 05:02	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/02/14 06:10	04/04/14 05:02	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		04/02/14 06:10	04/04/14 05:02	1
Caprolactam	ND		4.8	2.1	ug/L		04/02/14 06:10	04/04/14 05:02	1
Carbazole	**1.1**	**J**	4.8	0.29	ug/L		04/02/14 06:10	04/04/14 05:02	1
Chrysene	ND		4.8	0.32	ug/L		04/02/14 06:10	04/04/14 05:02	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/02/14 06:10	04/04/14 05:02	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-2 0414
Date Collected: 04/01/14 12:15
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**0.83**	**J**	9.6	0.49	ug/L		04/02/14 06:10	04/04/14 05:02	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/02/14 06:10	04/04/14 05:02	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 05:02	1
Di-n-butyl phthalate	**0.38**	**J**	4.8	0.30	ug/L		04/02/14 06:10	04/04/14 05:02	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 05:02	1
Fluoranthene	ND		4.8	0.38	ug/L		04/02/14 06:10	04/04/14 05:02	1
Fluorene	**1.7**	**J**	4.8	0.34	ug/L		04/02/14 06:10	04/04/14 05:02	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/02/14 06:10	04/04/14 05:02	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/02/14 06:10	04/04/14 05:02	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		04/02/14 06:10	04/04/14 05:02	1
Hexachloroethane	ND	*	4.8	0.56	ug/L		04/02/14 06:10	04/04/14 05:02	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 05:02	1
Isophorone	ND		4.8	0.41	ug/L		04/02/14 06:10	04/04/14 05:02	1
Nitrobenzene	ND		4.8	0.28	ug/L		04/02/14 06:10	04/04/14 05:02	1
N-Nitrosodi-n-propylamine	ND	*	4.8	0.52	ug/L		04/02/14 06:10	04/04/14 05:02	1
Pentachlorophenol	ND		9.6	2.1	ug/L		04/02/14 06:10	04/04/14 05:02	1
Phenanthrene	ND		4.8	0.42	ug/L		04/02/14 06:10	04/04/14 05:02	1
Phenol	**0.38**	**J**	4.8	0.37	ug/L		04/02/14 06:10	04/04/14 05:02	1
Pyrene	ND		4.8	0.32	ug/L		04/02/14 06:10	04/04/14 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*120*		*52 - 132*	*04/02/14 06:10*	*04/04/14 05:02*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*04/02/14 06:10*	*04/04/14 05:02*	*1*
2-Fluorophenol	*66*		*20 - 120*	*04/02/14 06:10*	*04/04/14 05:02*	*1*
Nitrobenzene-d5	*105*		*46 - 120*	*04/02/14 06:10*	*04/04/14 05:02*	*1*
Phenol-d5	*48*		*16 - 120*	*04/02/14 06:10*	*04/04/14 05:02*	*1*
p-Terphenyl-d14	*98*		*67 - 150*	*04/02/14 06:10*	*04/04/14 05:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	**29**	**J**	48	5.6	ug/L		04/02/14 06:10	04/04/14 10:08	10
Naphthalene	**150**		48	7.3	ug/L		04/02/14 06:10	04/04/14 10:08	10
N-Nitrosodiphenylamine	**43**	**J**	48	4.9	ug/L		04/02/14 06:10	04/04/14 10:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*70*		*52 - 132*	*04/02/14 06:10*	*04/04/14 10:08*	*10*
2-Fluorobiphenyl	*78*		*48 - 120*	*04/02/14 06:10*	*04/04/14 10:08*	*10*
2-Fluorophenol	*41*		*20 - 120*	*04/02/14 06:10*	*04/04/14 10:08*	*10*
Nitrobenzene-d5	*77*		*46 - 120*	*04/02/14 06:10*	*04/04/14 10:08*	*10*
Phenol-d5	*20*		*16 - 120*	*04/02/14 06:10*	*04/04/14 10:08*	*10*
p-Terphenyl-d14	*104*		*67 - 150*	*04/02/14 06:10*	*04/04/14 10:08*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		04/02/14 09:20	04/05/14 14:06	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 14:06	1
Arsenic	**0.22**		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 14:06	1
Barium	**0.079**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 14:06	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 14:06	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 14:06	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-2 0414
Date Collected: 04/01/14 12:15
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	103		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:06	1
Chromium	0.0043		0.0040	0.0010	mg/L		04/02/14 09:20	04/05/14 14:06	1
Cobalt	ND		0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 14:06	1
Copper	0.030		0.010	0.0016	mg/L		04/02/14 09:20	04/05/14 14:06	1
Iron	0.49		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 14:06	1
Lead	0.0094	J	0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 14:06	1
Magnesium	11.4		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 14:06	1
Manganese	0.58		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 14:06	1
Nickel	0.0046	J	0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 14:06	1
Potassium	82.1		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:06	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 14:06	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 14:06	1
Sodium	213		1.0	0.32	mg/L		04/02/14 09:20	04/05/14 14:06	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 14:06	1
Vanadium	0.0078		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 14:06	1
Zinc	0.056		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 14:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 13:46	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-3A 0414
Date Collected: 04/01/14 12:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			04/07/14 06:28	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/07/14 06:28	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/07/14 06:28	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/07/14 06:28	20
1,1-Dichloroethane	ND		20	7.6	ug/L			04/07/14 06:28	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/07/14 06:28	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/07/14 06:28	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/07/14 06:28	20
1,2-Dibromoethane	ND		20	15	ug/L			04/07/14 06:28	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/07/14 06:28	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/07/14 06:28	20
1,2-Dichloropropane	ND		20	14	ug/L			04/07/14 06:28	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/07/14 06:28	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/07/14 06:28	20
2-Butanone (MEK)	ND		200	26	ug/L			04/07/14 06:28	20
2-Hexanone	ND		100	25	ug/L			04/07/14 06:28	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/07/14 06:28	20
Acetone	ND		200	60	ug/L			04/07/14 06:28	20
Benzene	**310**		20	8.2	ug/L			04/07/14 06:28	20
Bromodichloromethane	ND		20	7.8	ug/L			04/07/14 06:28	20
Bromoform	ND		20	5.2	ug/L			04/07/14 06:28	20
Bromomethane	ND		20	14	ug/L			04/07/14 06:28	20
Carbon disulfide	ND		20	3.8	ug/L			04/07/14 06:28	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/07/14 06:28	20
Chlorobenzene	**1700**		20	15	ug/L			04/07/14 06:28	20
Chloroethane	ND		20	6.4	ug/L			04/07/14 06:28	20
Chloroform	ND		20	6.8	ug/L			04/07/14 06:28	20
Chloromethane	ND		20	7.0	ug/L			04/07/14 06:28	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			04/07/14 06:28	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/07/14 06:28	20
Cyclohexane	ND		20	3.6	ug/L			04/07/14 06:28	20
Dibromochloromethane	ND		20	6.4	ug/L			04/07/14 06:28	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/07/14 06:28	20
Ethylbenzene	ND		20	15	ug/L			04/07/14 06:28	20
Isopropylbenzene	ND		20	16	ug/L			04/07/14 06:28	20
Methyl acetate	ND		50	10	ug/L			04/07/14 06:28	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/07/14 06:28	20
Methylcyclohexane	ND		20	3.2	ug/L			04/07/14 06:28	20
Methylene Chloride	ND		20	8.8	ug/L			04/07/14 06:28	20
Styrene	ND		20	15	ug/L			04/07/14 06:28	20
Tetrachloroethene	ND		20	7.2	ug/L			04/07/14 06:28	20
Toluene	ND		20	10	ug/L			04/07/14 06:28	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/07/14 06:28	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/07/14 06:28	20
Trichloroethene	ND		20	9.2	ug/L			04/07/14 06:28	20
Trichlorofluoromethane	ND		20	18	ug/L			04/07/14 06:28	20
Vinyl chloride	ND		20	18	ug/L			04/07/14 06:28	20
Xylenes, Total	ND		40	13	ug/L			04/07/14 06:28	20

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-3A 0414
Date Collected: 04/01/14 12:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-4
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*04/07/14 06:28*	*20*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/07/14 06:28*	*20*
Toluene-d8 (Surr)	*102*		*71 - 126*		*04/07/14 06:28*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/02/14 06:10	04/04/14 10:32	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		04/02/14 06:10	04/04/14 10:32	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/02/14 06:10	04/04/14 10:32	1
2,4-Dimethylphenol	**2.3**	**J**	4.8	0.48	ug/L		04/02/14 06:10	04/04/14 10:32	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 10:32	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 10:32	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 10:32	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 10:32	1
2-Chlorophenol	**2.4**	**J**	4.8	0.51	ug/L		04/02/14 06:10	04/04/14 10:32	1
2-Methylnaphthalene	ND	*	4.8	0.58	ug/L		04/02/14 06:10	04/04/14 10:32	1
2-Methylphenol	**3.9**	**J**	4.8	0.39	ug/L		04/02/14 06:10	04/04/14 10:32	1
2-Nitroaniline	ND		9.7	0.41	ug/L		04/02/14 06:10	04/04/14 10:32	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/02/14 06:10	04/04/14 10:32	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 10:32	1
3-Nitroaniline	ND		9.7	0.46	ug/L		04/02/14 06:10	04/04/14 10:32	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 10:32	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 10:32	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 10:32	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 10:32	1
4-Methylphenol	ND		9.7	0.35	ug/L		04/02/14 06:10	04/04/14 10:32	1
4-Nitroaniline	ND		9.7	0.24	ug/L		04/02/14 06:10	04/04/14 10:32	1
4-Nitrophenol	ND		9.7	1.5	ug/L		04/02/14 06:10	04/04/14 10:32	1
Acenaphthene	**2.7**	**J**	4.8	0.40	ug/L		04/02/14 06:10	04/04/14 10:32	1
Acenaphthylene	ND		4.8	0.37	ug/L		04/02/14 06:10	04/04/14 10:32	1
Acetophenone	ND		4.8	0.52	ug/L		04/02/14 06:10	04/04/14 10:32	1
Anthracene	ND		4.8	0.27	ug/L		04/02/14 06:10	04/04/14 10:32	1
Atrazine	ND		4.8	0.44	ug/L		04/02/14 06:10	04/04/14 10:32	1
Benzaldehyde	ND		4.8	0.26	ug/L		04/02/14 06:10	04/04/14 10:32	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 10:32	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 10:32	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 10:32	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 10:32	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		04/02/14 06:10	04/04/14 10:32	1
Biphenyl	**1.1**	**J**	4.8	0.63	ug/L		04/02/14 06:10	04/04/14 10:32	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/02/14 06:10	04/04/14 10:32	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		04/02/14 06:10	04/04/14 10:32	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 10:32	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/02/14 06:10	04/04/14 10:32	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		04/02/14 06:10	04/04/14 10:32	1
Caprolactam	ND		4.8	2.1	ug/L		04/02/14 06:10	04/04/14 10:32	1
Carbazole	**1.0**	**J**	4.8	0.29	ug/L		04/02/14 06:10	04/04/14 10:32	1
Chrysene	ND		4.8	0.32	ug/L		04/02/14 06:10	04/04/14 10:32	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		04/02/14 06:10	04/04/14 10:32	1
Dibenzofuran	ND		9.7	0.49	ug/L		04/02/14 06:10	04/04/14 10:32	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-3A 0414
Date Collected: 04/01/14 12:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		4.8	0.21	ug/L		04/02/14 06:10	04/04/14 10:32	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 10:32	1
Di-n-butyl phthalate	**0.38**	**J**	4.8	0.30	ug/L		04/02/14 06:10	04/04/14 10:32	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 10:32	1
Fluoranthene	ND		4.8	0.39	ug/L		04/02/14 06:10	04/04/14 10:32	1
Fluorene	ND		4.8	0.35	ug/L		04/02/14 06:10	04/04/14 10:32	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/02/14 06:10	04/04/14 10:32	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		04/02/14 06:10	04/04/14 10:32	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		04/02/14 06:10	04/04/14 10:32	1
Hexachloroethane	ND	*	4.8	0.57	ug/L		04/02/14 06:10	04/04/14 10:32	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		04/02/14 06:10	04/04/14 10:32	1
Isophorone	ND		4.8	0.42	ug/L		04/02/14 06:10	04/04/14 10:32	1
Naphthalene	**23**		4.8	0.74	ug/L		04/02/14 06:10	04/04/14 10:32	1
Nitrobenzene	**7.4**		4.8	0.28	ug/L		04/02/14 06:10	04/04/14 10:32	1
N-Nitrosodi-n-propylamine	ND	*	4.8	0.52	ug/L		04/02/14 06:10	04/04/14 10:32	1
N-Nitrosodiphenylamine	**19**		4.8	0.49	ug/L		04/02/14 06:10	04/04/14 10:32	1
Pentachlorophenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 10:32	1
Phenanthrene	ND		4.8	0.43	ug/L		04/02/14 06:10	04/04/14 10:32	1
Phenol	**1.2**	**J**	4.8	0.38	ug/L		04/02/14 06:10	04/04/14 10:32	1
Pyrene	ND		4.8	0.33	ug/L		04/02/14 06:10	04/04/14 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*112*		*52 - 132*	*04/02/14 06:10*	*04/04/14 10:32*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*04/02/14 06:10*	*04/04/14 10:32*	*1*
2-Fluorophenol	*70*		*20 - 120*	*04/02/14 06:10*	*04/04/14 10:32*	*1*
Nitrobenzene-d5	*103*		*46 - 120*	*04/02/14 06:10*	*04/04/14 10:32*	*1*
Phenol-d5	*51*		*16 - 120*	*04/02/14 06:10*	*04/04/14 10:32*	*1*
p-Terphenyl-d14	*109*		*67 - 150*	*04/02/14 06:10*	*04/04/14 10:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	**150**		48	5.7	ug/L		04/02/14 06:10	04/07/14 18:14	10
Aniline	**180**		97	5.9	ug/L		04/02/14 06:10	04/07/14 18:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*52 - 132*	*04/02/14 06:10*	*04/07/14 18:14*	*10*
2-Fluorobiphenyl	*92*		*48 - 120*	*04/02/14 06:10*	*04/07/14 18:14*	*10*
2-Fluorophenol	*62*		*20 - 120*	*04/02/14 06:10*	*04/07/14 18:14*	*10*
Nitrobenzene-d5	*95*		*46 - 120*	*04/02/14 06:10*	*04/07/14 18:14*	*10*
Phenol-d5	*37*		*16 - 120*	*04/02/14 06:10*	*04/07/14 18:14*	*10*
p-Terphenyl-d14	*102*		*67 - 150*	*04/02/14 06:10*	*04/07/14 18:14*	*10*

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		04/02/14 09:20	04/05/14 14:09	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 14:09	1
Arsenic	**0.082**		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 14:09	1
Barium	**0.041**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 14:09	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 14:09	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 14:09	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-3A 0414
Date Collected: 04/01/14 12:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	28.9		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:09	1
Chromium	0.0075		0.0040	0.0010	mg/L		04/02/14 09:20	04/05/14 14:09	1
Cobalt	0.0012	J	0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 14:09	1
Copper	0.011		0.010	0.0016	mg/L		04/02/14 09:20	04/05/14 14:09	1
Iron	0.95		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 14:09	1
Lead	ND		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 14:09	1
Magnesium	7.2		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 14:09	1
Manganese	0.076		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 14:09	1
Nickel	0.0034	J	0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 14:09	1
Potassium	190		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:09	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 14:09	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 14:09	1
Sodium	382		1.0	0.32	mg/L		04/02/14 09:20	04/05/14 14:09	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 14:09	1
Vanadium	0.014		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 14:09	1
Zinc	0.016		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 14:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 13:47	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-4 0414
Date Collected: 04/01/14 12:45
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			04/05/14 01:48	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/05/14 01:48	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/05/14 01:48	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/05/14 01:48	10
1,1-Dichloroethane	ND		10	3.8	ug/L			04/05/14 01:48	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/05/14 01:48	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/05/14 01:48	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/05/14 01:48	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/05/14 01:48	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/05/14 01:48	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/05/14 01:48	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/05/14 01:48	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			04/05/14 01:48	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			04/05/14 01:48	10
2-Butanone (MEK)	ND		100	13	ug/L			04/05/14 01:48	10
2-Hexanone	ND		50	12	ug/L			04/05/14 01:48	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/05/14 01:48	10
Acetone	ND		100	30	ug/L			04/05/14 01:48	10
Benzene	**150**		10	4.1	ug/L			04/05/14 01:48	10
Bromodichloromethane	ND		10	3.9	ug/L			04/05/14 01:48	10
Bromoform	ND		10	2.6	ug/L			04/05/14 01:48	10
Bromomethane	ND		10	6.9	ug/L			04/05/14 01:48	10
Carbon disulfide	ND		10	1.9	ug/L			04/05/14 01:48	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/05/14 01:48	10
Chlorobenzene	**59**		10	7.5	ug/L			04/05/14 01:48	10
Chloroethane	ND		10	3.2	ug/L			04/05/14 01:48	10
Chloroform	ND		10	3.4	ug/L			04/05/14 01:48	10
Chloromethane	ND		10	3.5	ug/L			04/05/14 01:48	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			04/05/14 01:48	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/05/14 01:48	10
Cyclohexane	ND		10	1.8	ug/L			04/05/14 01:48	10
Dibromochloromethane	ND		10	3.2	ug/L			04/05/14 01:48	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/05/14 01:48	10
Ethylbenzene	**10**		10	7.4	ug/L			04/05/14 01:48	10
Isopropylbenzene	ND		10	7.9	ug/L			04/05/14 01:48	10
Methyl acetate	ND		25	5.0	ug/L			04/05/14 01:48	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/05/14 01:48	10
Methylcyclohexane	ND		10	1.6	ug/L			04/05/14 01:48	10
Methylene Chloride	ND		10	4.4	ug/L			04/05/14 01:48	10
Styrene	ND		10	7.3	ug/L			04/05/14 01:48	10
Tetrachloroethene	ND		10	3.6	ug/L			04/05/14 01:48	10
Toluene	ND		10	5.1	ug/L			04/05/14 01:48	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/05/14 01:48	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/05/14 01:48	10
Trichloroethene	ND		10	4.6	ug/L			04/05/14 01:48	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/05/14 01:48	10
Vinyl chloride	ND		10	9.0	ug/L			04/05/14 01:48	10
Xylenes, Total	**11**	**J**	20	6.6	ug/L			04/05/14 01:48	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-4 0414
Date Collected: 04/01/14 12:45
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*04/05/14 01:48*	*10*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*04/05/14 01:48*	*10*
Toluene-d8 (Surr)	*109*		*71 - 126*		*04/05/14 01:48*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		04/02/14 06:10	04/04/14 10:56	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		04/02/14 06:10	04/04/14 10:56	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		04/02/14 06:10	04/04/14 10:56	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		04/02/14 06:10	04/04/14 10:56	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		04/02/14 06:10	04/04/14 10:56	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 10:56	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 10:56	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		04/02/14 06:10	04/04/14 10:56	1
2-Chlorophenol	ND		4.9	0.52	ug/L		04/02/14 06:10	04/04/14 10:56	1
2-Methylnaphthalene	**86**	**E ***	4.9	0.59	ug/L		04/02/14 06:10	04/04/14 10:56	1
2-Methylphenol	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 10:56	1
2-Nitroaniline	ND		9.8	0.41	ug/L		04/02/14 06:10	04/04/14 10:56	1
2-Nitrophenol	ND		4.9	0.47	ug/L		04/02/14 06:10	04/04/14 10:56	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 10:56	1
3-Nitroaniline	ND		9.8	0.47	ug/L		04/02/14 06:10	04/04/14 10:56	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.1	ug/L		04/02/14 06:10	04/04/14 10:56	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 10:56	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 10:56	1
4-Chloroaniline	**80**	**E**	4.9	0.58	ug/L		04/02/14 06:10	04/04/14 10:56	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 10:56	1
4-Methylphenol	ND		9.8	0.35	ug/L		04/02/14 06:10	04/04/14 10:56	1
4-Nitroaniline	ND		9.8	0.24	ug/L		04/02/14 06:10	04/04/14 10:56	1
4-Nitrophenol	ND		9.8	1.5	ug/L		04/02/14 06:10	04/04/14 10:56	1
Acenaphthene	**80**	**E**	4.9	0.40	ug/L		04/02/14 06:10	04/04/14 10:56	1
Acenaphthylene	ND		4.9	0.37	ug/L		04/02/14 06:10	04/04/14 10:56	1
Acetophenone	ND		4.9	0.53	ug/L		04/02/14 06:10	04/04/14 10:56	1
Anthracene	**4.3**	**J**	4.9	0.27	ug/L		04/02/14 06:10	04/04/14 10:56	1
Atrazine	ND		4.9	0.45	ug/L		04/02/14 06:10	04/04/14 10:56	1
Benzaldehyde	**54**		4.9	0.26	ug/L		04/02/14 06:10	04/04/14 10:56	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		04/02/14 06:10	04/04/14 10:56	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		04/02/14 06:10	04/04/14 10:56	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		04/02/14 06:10	04/04/14 10:56	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 10:56	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		04/02/14 06:10	04/04/14 10:56	1
Biphenyl	**39**		4.9	0.64	ug/L		04/02/14 06:10	04/04/14 10:56	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		04/02/14 06:10	04/04/14 10:56	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 10:56	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 10:56	1
Bis(2-ethylhexyl) phthalate	**4.2**	**J**	4.9	1.8	ug/L		04/02/14 06:10	04/04/14 10:56	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		04/02/14 06:10	04/04/14 10:56	1
Caprolactam	ND		4.9	2.1	ug/L		04/02/14 06:10	04/04/14 10:56	1
Carbazole	**7.7**		4.9	0.29	ug/L		04/02/14 06:10	04/04/14 10:56	1
Chrysene	ND		4.9	0.32	ug/L		04/02/14 06:10	04/04/14 10:56	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		04/02/14 06:10	04/04/14 10:56	1

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TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-4 0414
Date Collected: 04/01/14 12:45
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**70**	**E**	9.8	0.50	ug/L		04/02/14 06:10	04/04/14 10:56	1
Diethyl phthalate	ND		4.9	0.21	ug/L		04/02/14 06:10	04/04/14 10:56	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		04/02/14 06:10	04/04/14 10:56	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		04/02/14 06:10	04/04/14 10:56	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		04/02/14 06:10	04/04/14 10:56	1
Fluoranthene	**1.4**	**J**	4.9	0.39	ug/L		04/02/14 06:10	04/04/14 10:56	1
Fluorene	**58**		4.9	0.35	ug/L		04/02/14 06:10	04/04/14 10:56	1
Hexachlorobenzene	ND	*	4.9	0.50	ug/L		04/02/14 06:10	04/04/14 10:56	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		04/02/14 06:10	04/04/14 10:56	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		04/02/14 06:10	04/04/14 10:56	1
Hexachloroethane	ND	*	4.9	0.58	ug/L		04/02/14 06:10	04/04/14 10:56	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		04/02/14 06:10	04/04/14 10:56	1
Isophorone	ND		4.9	0.42	ug/L		04/02/14 06:10	04/04/14 10:56	1
Nitrobenzene	ND		4.9	0.28	ug/L		04/02/14 06:10	04/04/14 10:56	1
N-Nitrosodi-n-propylamine	ND	*	4.9	0.53	ug/L		04/02/14 06:10	04/04/14 10:56	1
N-Nitrosodiphenylamine	**17**		4.9	0.50	ug/L		04/02/14 06:10	04/04/14 10:56	1
Pentachlorophenol	ND		9.8	2.1	ug/L		04/02/14 06:10	04/04/14 10:56	1
Phenanthrene	**29**		4.9	0.43	ug/L		04/02/14 06:10	04/04/14 10:56	1
Phenol	ND		4.9	0.38	ug/L		04/02/14 06:10	04/04/14 10:56	1
Pyrene	**1.0**	**J**	4.9	0.33	ug/L		04/02/14 06:10	04/04/14 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*126*		*52 - 132*	*04/02/14 06:10*	*04/04/14 10:56*	*1*
2-Fluorobiphenyl	*100*		*48 - 120*	*04/02/14 06:10*	*04/04/14 10:56*	*1*
2-Fluorophenol	*60*		*20 - 120*	*04/02/14 06:10*	*04/04/14 10:56*	*1*
Nitrobenzene-d5	*115*		*46 - 120*	*04/02/14 06:10*	*04/04/14 10:56*	*1*
Phenol-d5	*41*		*16 - 120*	*04/02/14 06:10*	*04/04/14 10:56*	*1*
p-Terphenyl-d14	*94*		*67 - 150*	*04/02/14 06:10*	*04/04/14 10:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	**5900**		980	60	ug/L		04/02/14 06:10	04/04/14 14:00	100
Naphthalene	**740**		490	74	ug/L		04/02/14 06:10	04/04/14 14:00	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*52 - 132*	*04/02/14 06:10*	*04/04/14 14:00*	*100*
2-Fluorobiphenyl	*0*	*X*	*48 - 120*	*04/02/14 06:10*	*04/04/14 14:00*	*100*
2-Fluorophenol	*0*	*X*	*20 - 120*	*04/02/14 06:10*	*04/04/14 14:00*	*100*
Nitrobenzene-d5	*0*	*X*	*46 - 120*	*04/02/14 06:10*	*04/04/14 14:00*	*100*
Phenol-d5	*0*	*X*	*16 - 120*	*04/02/14 06:10*	*04/04/14 14:00*	*100*
p-Terphenyl-d14	*0*	*X*	*67 - 150*	*04/02/14 06:10*	*04/04/14 14:00*	*100*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.12**	**J**	0.20	0.060	mg/L		04/02/14 09:20	04/10/14 16:42	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 15:19	1
Arsenic	**0.012**	**J**	0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 15:19	1
Barium	**0.015**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 15:19	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 15:19	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 15:19	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-4 0414
Date Collected: 04/01/14 12:45
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	4.7		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 15:19	1
Chromium	0.018		0.0040	0.0010	mg/L		04/02/14 09:20	04/10/14 16:42	1
Cobalt	0.0042		0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 15:19	1
Copper	0.031		0.010	0.0016	mg/L		04/02/14 09:20	04/10/14 16:42	1
Iron	0.49		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 15:19	1
Lead	0.0065	J	0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 15:19	1
Magnesium	1.8		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 15:19	1
Manganese	0.016		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 15:19	1
Nickel	0.0064	J	0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 15:19	1
Potassium	409		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 15:19	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 15:19	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 15:19	1
Sodium	1080		1.0	0.32	mg/L		04/02/14 09:20	04/10/14 16:42	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 15:19	1
Vanadium	0.047		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 15:19	1
Zinc	0.011		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 15:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 14:08	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-5 0414
Date Collected: 04/01/14 13:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			04/04/14 17:55	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			04/04/14 17:55	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			04/04/14 17:55	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			04/04/14 17:55	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			04/04/14 17:55	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			04/04/14 17:55	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			04/04/14 17:55	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			04/04/14 17:55	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			04/04/14 17:55	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			04/04/14 17:55	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			04/04/14 17:55	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			04/04/14 17:55	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			04/04/14 17:55	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			04/04/14 17:55	8
2-Butanone (MEK)	ND		80	11	ug/L			04/04/14 17:55	8
2-Hexanone	ND		40	9.9	ug/L			04/04/14 17:55	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			04/04/14 17:55	8
Acetone	ND		80	24	ug/L			04/04/14 17:55	8
Benzene	ND		8.0	3.3	ug/L			04/04/14 17:55	8
Bromodichloromethane	ND		8.0	3.1	ug/L			04/04/14 17:55	8
Bromoform	ND		8.0	2.1	ug/L			04/04/14 17:55	8
Bromomethane	ND		8.0	5.5	ug/L			04/04/14 17:55	8
Carbon disulfide	ND		8.0	1.5	ug/L			04/04/14 17:55	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			04/04/14 17:55	8
Chlorobenzene	**12**		8.0	6.0	ug/L			04/04/14 17:55	8
Chloroethane	ND		8.0	2.6	ug/L			04/04/14 17:55	8
Chloroform	ND		8.0	2.7	ug/L			04/04/14 17:55	8
Chloromethane	ND		8.0	2.8	ug/L			04/04/14 17:55	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			04/04/14 17:55	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			04/04/14 17:55	8
Cyclohexane	ND		8.0	1.4	ug/L			04/04/14 17:55	8
Dibromochloromethane	ND		8.0	2.6	ug/L			04/04/14 17:55	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			04/04/14 17:55	8
Ethylbenzene	**47**		8.0	5.9	ug/L			04/04/14 17:55	8
Isopropylbenzene	**6.4**	**J**	8.0	6.3	ug/L			04/04/14 17:55	8
Methyl acetate	ND		20	4.0	ug/L			04/04/14 17:55	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			04/04/14 17:55	8
Methylcyclohexane	ND		8.0	1.3	ug/L			04/04/14 17:55	8
Methylene Chloride	ND		8.0	3.5	ug/L			04/04/14 17:55	8
Styrene	ND		8.0	5.8	ug/L			04/04/14 17:55	8
Tetrachloroethene	ND		8.0	2.9	ug/L			04/04/14 17:55	8
Toluene	**7.1**	**J**	8.0	4.1	ug/L			04/04/14 17:55	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			04/04/14 17:55	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			04/04/14 17:55	8
Trichloroethene	ND		8.0	3.7	ug/L			04/04/14 17:55	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			04/04/14 17:55	8
Vinyl chloride	ND		8.0	7.2	ug/L			04/04/14 17:55	8
Xylenes, Total	**300**		16	5.3	ug/L			04/04/14 17:55	8

Client Sample ID: BCC Area A EW-5 0414
Date Collected: 04/01/14 13:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-6
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*04/04/14 17:55*	*8*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*04/04/14 17:55*	*8*
Toluene-d8 (Surr)	*107*		*71 - 126*		*04/04/14 17:55*	*8*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		04/02/14 06:10	04/04/14 11:20	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		04/02/14 06:10	04/04/14 11:20	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		04/02/14 06:10	04/04/14 11:20	1
2,4-Dimethylphenol	**1.9**	**J**	4.9	0.49	ug/L		04/02/14 06:10	04/04/14 11:20	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		04/02/14 06:10	04/04/14 11:20	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 11:20	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:20	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		04/02/14 06:10	04/04/14 11:20	1
2-Chlorophenol	ND		4.9	0.52	ug/L		04/02/14 06:10	04/04/14 11:20	1
2-Methylphenol	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:20	1
2-Nitroaniline	ND		9.8	0.41	ug/L		04/02/14 06:10	04/04/14 11:20	1
2-Nitrophenol	ND		4.9	0.47	ug/L		04/02/14 06:10	04/04/14 11:20	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:20	1
3-Nitroaniline	ND		9.8	0.47	ug/L		04/02/14 06:10	04/04/14 11:20	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		04/02/14 06:10	04/04/14 11:20	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 11:20	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 11:20	1
4-Chloroaniline	ND		4.9	0.58	ug/L		04/02/14 06:10	04/04/14 11:20	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 11:20	1
4-Methylphenol	ND		9.8	0.35	ug/L		04/02/14 06:10	04/04/14 11:20	1
4-Nitroaniline	ND		9.8	0.24	ug/L		04/02/14 06:10	04/04/14 11:20	1
4-Nitrophenol	ND		9.8	1.5	ug/L		04/02/14 06:10	04/04/14 11:20	1
Acenaphthene	**22**		4.9	0.40	ug/L		04/02/14 06:10	04/04/14 11:20	1
Acenaphthylene	**0.74**	**J**	4.9	0.37	ug/L		04/02/14 06:10	04/04/14 11:20	1
Acetophenone	ND		4.9	0.53	ug/L		04/02/14 06:10	04/04/14 11:20	1
Anthracene	**4.9**		4.9	0.27	ug/L		04/02/14 06:10	04/04/14 11:20	1
Atrazine	ND		4.9	0.45	ug/L		04/02/14 06:10	04/04/14 11:20	1
Benzaldehyde	ND		4.9	0.26	ug/L		04/02/14 06:10	04/04/14 11:20	1
Benzo(a)anthracene	**2.0**	**J**	4.9	0.35	ug/L		04/02/14 06:10	04/04/14 11:20	1
Benzo(a)pyrene	**1.6**	**J**	4.9	0.46	ug/L		04/02/14 06:10	04/04/14 11:20	1
Benzo(b)fluoranthene	**1.4**	**J**	4.9	0.33	ug/L		04/02/14 06:10	04/04/14 11:20	1
Benzo(g,h,i)perylene	**0.52**	**J**	4.9	0.34	ug/L		04/02/14 06:10	04/04/14 11:20	1
Benzo(k)fluoranthene	**1.1**	**J**	4.9	0.71	ug/L		04/02/14 06:10	04/04/14 11:20	1
Biphenyl	**16**		4.9	0.64	ug/L		04/02/14 06:10	04/04/14 11:20	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		04/02/14 06:10	04/04/14 11:20	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 11:20	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:20	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		04/02/14 06:10	04/04/14 11:20	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		04/02/14 06:10	04/04/14 11:20	1
Caprolactam	ND		4.9	2.2	ug/L		04/02/14 06:10	04/04/14 11:20	1
Carbazole	**0.79**	**J**	4.9	0.29	ug/L		04/02/14 06:10	04/04/14 11:20	1
Chrysene	**2.0**	**J**	4.9	0.32	ug/L		04/02/14 06:10	04/04/14 11:20	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		04/02/14 06:10	04/04/14 11:20	1
Dibenzofuran	**21**		9.8	0.50	ug/L		04/02/14 06:10	04/04/14 11:20	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-5 0414
Date Collected: 04/01/14 13:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		4.9	0.22	ug/L		04/02/14 06:10	04/04/14 11:20	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		04/02/14 06:10	04/04/14 11:20	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		04/02/14 06:10	04/04/14 11:20	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		04/02/14 06:10	04/04/14 11:20	1
Fluoranthene	**7.7**		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:20	1
Fluorene	**16**		4.9	0.35	ug/L		04/02/14 06:10	04/04/14 11:20	1
Hexachlorobenzene	ND	*	4.9	0.50	ug/L		04/02/14 06:10	04/04/14 11:20	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		04/02/14 06:10	04/04/14 11:20	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		04/02/14 06:10	04/04/14 11:20	1
Hexachloroethane	ND	*	4.9	0.58	ug/L		04/02/14 06:10	04/04/14 11:20	1
Indeno(1,2,3-cd)pyrene	**0.58**	**J**	4.9	0.46	ug/L		04/02/14 06:10	04/04/14 11:20	1
Isophorone	ND		4.9	0.42	ug/L		04/02/14 06:10	04/04/14 11:20	1
Nitrobenzene	ND		4.9	0.28	ug/L		04/02/14 06:10	04/04/14 11:20	1
N-Nitrosodi-n-propylamine	ND	*	4.9	0.53	ug/L		04/02/14 06:10	04/04/14 11:20	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		04/02/14 06:10	04/04/14 11:20	1
Pentachlorophenol	ND		9.8	2.2	ug/L		04/02/14 06:10	04/04/14 11:20	1
Phenanthrene	**26**		4.9	0.43	ug/L		04/02/14 06:10	04/04/14 11:20	1
Phenol	ND		4.9	0.38	ug/L		04/02/14 06:10	04/04/14 11:20	1
Pyrene	**6.5**		4.9	0.33	ug/L		04/02/14 06:10	04/04/14 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*112*		*52 - 132*	*04/02/14 06:10*	*04/04/14 11:20*	*1*
2-Fluorobiphenyl	*100*		*48 - 120*	*04/02/14 06:10*	*04/04/14 11:20*	*1*
2-Fluorophenol	*70*		*20 - 120*	*04/02/14 06:10*	*04/04/14 11:20*	*1*
Nitrobenzene-d5	*114*		*46 - 120*	*04/02/14 06:10*	*04/04/14 11:20*	*1*
Phenol-d5	*51*		*16 - 120*	*04/02/14 06:10*	*04/04/14 11:20*	*1*
p-Terphenyl-d14	*97*		*67 - 150*	*04/02/14 06:10*	*04/04/14 11:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**66**	**J ***	98	12	ug/L		04/02/14 06:10	04/04/14 15:38	20
Aniline	**440**		200	12	ug/L		04/02/14 06:10	04/04/14 15:38	20
Naphthalene	**410**		98	15	ug/L		04/02/14 06:10	04/04/14 15:38	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*52 - 132*	*04/02/14 06:10*	*04/04/14 15:38*	*20*
2-Fluorobiphenyl	*81*		*48 - 120*	*04/02/14 06:10*	*04/04/14 15:38*	*20*
2-Fluorophenol	*45*		*20 - 120*	*04/02/14 06:10*	*04/04/14 15:38*	*20*
Nitrobenzene-d5	*67*		*46 - 120*	*04/02/14 06:10*	*04/04/14 15:38*	*20*
Phenol-d5	*0*	*X*	*16 - 120*	*04/02/14 06:10*	*04/04/14 15:38*	*20*
p-Terphenyl-d14	*56*	*X*	*67 - 150*	*04/02/14 06:10*	*04/04/14 15:38*	*20*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		04/02/14 09:20	04/05/14 14:12	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 14:12	1
Arsenic	**0.018**		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 14:12	1
Barium	**0.090**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 14:12	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 14:12	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 14:12	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A EW-5 0414
Date Collected: 04/01/14 13:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	340		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:12	1
Chromium	0.0016	J	0.0040	0.0010	mg/L		04/02/14 09:20	04/05/14 14:12	1
Cobalt	0.0016	J	0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 14:12	1
Copper	0.036		0.010	0.0016	mg/L		04/02/14 09:20	04/05/14 14:12	1
Iron	28.5		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 14:12	1
Lead	ND		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 14:12	1
Magnesium	61.6		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 14:12	1
Manganese	4.2		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 14:12	1
Nickel	0.0031	J	0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 14:12	1
Potassium	64.1		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:12	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 14:12	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 14:12	1
Sodium	889		1.0	0.32	mg/L		04/02/14 09:20	04/05/14 14:12	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 14:12	1
Vanadium	ND		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 14:12	1
Zinc	0.041		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 14:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 13:52	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A ICM-101 0414
Date Collected: 04/01/14 09:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			04/05/14 02:12	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			04/05/14 02:12	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			04/05/14 02:12	100
1,1,2-Trichloroethane	ND		100	23	ug/L			04/05/14 02:12	100
1,1-Dichloroethane	ND		100	38	ug/L			04/05/14 02:12	100
1,1-Dichloroethene	ND		100	29	ug/L			04/05/14 02:12	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			04/05/14 02:12	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			04/05/14 02:12	100
1,2-Dibromoethane	ND		100	73	ug/L			04/05/14 02:12	100
1,2-Dichlorobenzene	ND		100	79	ug/L			04/05/14 02:12	100
1,2-Dichloroethane	ND		100	21	ug/L			04/05/14 02:12	100
1,2-Dichloropropane	ND		100	72	ug/L			04/05/14 02:12	100
1,3-Dichlorobenzene	ND		100	78	ug/L			04/05/14 02:12	100
1,4-Dichlorobenzene	**170**		100	84	ug/L			04/05/14 02:12	100
2-Butanone (MEK)	ND		1000	130	ug/L			04/05/14 02:12	100
2-Hexanone	ND		500	120	ug/L			04/05/14 02:12	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			04/05/14 02:12	100
Acetone	ND		1000	300	ug/L			04/05/14 02:12	100
Benzene	**3400**		100	41	ug/L			04/05/14 02:12	100
Bromodichloromethane	ND		100	39	ug/L			04/05/14 02:12	100
Bromoform	ND		100	26	ug/L			04/05/14 02:12	100
Bromomethane	ND		100	69	ug/L			04/05/14 02:12	100
Carbon disulfide	ND		100	19	ug/L			04/05/14 02:12	100
Carbon tetrachloride	ND		100	27	ug/L			04/05/14 02:12	100
Chlorobenzene	**8900**		100	75	ug/L			04/05/14 02:12	100
Chloroethane	ND		100	32	ug/L			04/05/14 02:12	100
Chloroform	ND		100	34	ug/L			04/05/14 02:12	100
Chloromethane	ND		100	35	ug/L			04/05/14 02:12	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			04/05/14 02:12	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			04/05/14 02:12	100
Cyclohexane	ND		100	18	ug/L			04/05/14 02:12	100
Dibromochloromethane	ND		100	32	ug/L			04/05/14 02:12	100
Dichlorodifluoromethane	ND		100	68	ug/L			04/05/14 02:12	100
Ethylbenzene	ND		100	74	ug/L			04/05/14 02:12	100
Isopropylbenzene	ND		100	79	ug/L			04/05/14 02:12	100
Methyl acetate	ND		250	50	ug/L			04/05/14 02:12	100
Methyl tert-butyl ether	ND		100	16	ug/L			04/05/14 02:12	100
Methylcyclohexane	ND		100	16	ug/L			04/05/14 02:12	100
Methylene Chloride	ND		100	44	ug/L			04/05/14 02:12	100
Styrene	ND		100	73	ug/L			04/05/14 02:12	100
Tetrachloroethene	ND		100	36	ug/L			04/05/14 02:12	100
Toluene	ND		100	51	ug/L			04/05/14 02:12	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			04/05/14 02:12	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			04/05/14 02:12	100
Trichloroethene	ND		100	46	ug/L			04/05/14 02:12	100
Trichlorofluoromethane	ND		100	88	ug/L			04/05/14 02:12	100
Vinyl chloride	ND		100	90	ug/L			04/05/14 02:12	100
Xylenes, Total	ND		200	66	ug/L			04/05/14 02:12	100

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A ICM-101 0414
Date Collected: 04/01/14 09:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-7
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/05/14 02:12*	*100*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/05/14 02:12*	*100*
Toluene-d8 (Surr)	*101*		*71 - 126*		*04/05/14 02:12*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		04/02/14 06:10	04/04/14 11:45	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		04/02/14 06:10	04/04/14 11:45	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		04/02/14 06:10	04/04/14 11:45	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		04/02/14 06:10	04/04/14 11:45	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		04/02/14 06:10	04/04/14 11:45	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 11:45	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:45	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		04/02/14 06:10	04/04/14 11:45	1
2-Chlorophenol	**7.9**		4.9	0.52	ug/L		04/02/14 06:10	04/04/14 11:45	1
2-Methylnaphthalene	ND	*	4.9	0.58	ug/L		04/02/14 06:10	04/04/14 11:45	1
2-Methylphenol	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:45	1
2-Nitroaniline	ND		9.7	0.41	ug/L		04/02/14 06:10	04/04/14 11:45	1
2-Nitrophenol	ND		4.9	0.47	ug/L		04/02/14 06:10	04/04/14 11:45	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:45	1
3-Nitroaniline	ND		9.7	0.47	ug/L		04/02/14 06:10	04/04/14 11:45	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 11:45	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 11:45	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		04/02/14 06:10	04/04/14 11:45	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 11:45	1
4-Methylphenol	ND		9.7	0.35	ug/L		04/02/14 06:10	04/04/14 11:45	1
4-Nitroaniline	ND		9.7	0.24	ug/L		04/02/14 06:10	04/04/14 11:45	1
4-Nitrophenol	ND		9.7	1.5	ug/L		04/02/14 06:10	04/04/14 11:45	1
Acenaphthene	ND		4.9	0.40	ug/L		04/02/14 06:10	04/04/14 11:45	1
Acenaphthylene	ND		4.9	0.37	ug/L		04/02/14 06:10	04/04/14 11:45	1
Acetophenone	ND		4.9	0.53	ug/L		04/02/14 06:10	04/04/14 11:45	1
Aniline	**32**		9.7	0.59	ug/L		04/02/14 06:10	04/04/14 11:45	1
Anthracene	**0.51**	**J**	4.9	0.27	ug/L		04/02/14 06:10	04/04/14 11:45	1
Atrazine	ND		4.9	0.45	ug/L		04/02/14 06:10	04/04/14 11:45	1
Benzaldehyde	**0.36**	**J**	4.9	0.26	ug/L		04/02/14 06:10	04/04/14 11:45	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		04/02/14 06:10	04/04/14 11:45	1
Benzo(a)pyrene	**1.2**	**J**	4.9	0.46	ug/L		04/02/14 06:10	04/04/14 11:45	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		04/02/14 06:10	04/04/14 11:45	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 11:45	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		04/02/14 06:10	04/04/14 11:45	1
Biphenyl	ND		4.9	0.64	ug/L		04/02/14 06:10	04/04/14 11:45	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		04/02/14 06:10	04/04/14 11:45	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		04/02/14 06:10	04/04/14 11:45	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:45	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		04/02/14 06:10	04/04/14 11:45	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		04/02/14 06:10	04/04/14 11:45	1
Caprolactam	**5.4**		4.9	2.1	ug/L		04/02/14 06:10	04/04/14 11:45	1
Carbazole	**0.34**	**J**	4.9	0.29	ug/L		04/02/14 06:10	04/04/14 11:45	1
Chrysene	ND		4.9	0.32	ug/L		04/02/14 06:10	04/04/14 11:45	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		04/02/14 06:10	04/04/14 11:45	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A ICM-101 0414
Date Collected: 04/01/14 09:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		9.7	0.50	ug/L		04/02/14 06:10	04/04/14 11:45	1
Diethyl phthalate	ND		4.9	0.21	ug/L		04/02/14 06:10	04/04/14 11:45	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		04/02/14 06:10	04/04/14 11:45	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		04/02/14 06:10	04/04/14 11:45	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		04/02/14 06:10	04/04/14 11:45	1
Fluoranthene	**1.1**	**J**	4.9	0.39	ug/L		04/02/14 06:10	04/04/14 11:45	1
Fluorene	**0.45**	**J**	4.9	0.35	ug/L		04/02/14 06:10	04/04/14 11:45	1
Hexachlorobenzene	ND	*	4.9	0.50	ug/L		04/02/14 06:10	04/04/14 11:45	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		04/02/14 06:10	04/04/14 11:45	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		04/02/14 06:10	04/04/14 11:45	1
Hexachloroethane	ND	*	4.9	0.57	ug/L		04/02/14 06:10	04/04/14 11:45	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		04/02/14 06:10	04/04/14 11:45	1
Isophorone	ND		4.9	0.42	ug/L		04/02/14 06:10	04/04/14 11:45	1
Naphthalene	**0.98**	**J**	4.9	0.74	ug/L		04/02/14 06:10	04/04/14 11:45	1
Nitrobenzene	ND		4.9	0.28	ug/L		04/02/14 06:10	04/04/14 11:45	1
N-Nitrosodi-n-propylamine	ND	*	4.9	0.53	ug/L		04/02/14 06:10	04/04/14 11:45	1
N-Nitrosodiphenylamine	**2.5**	**J**	4.9	0.50	ug/L		04/02/14 06:10	04/04/14 11:45	1
Pentachlorophenol	ND		9.7	2.1	ug/L		04/02/14 06:10	04/04/14 11:45	1
Phenanthrene	**1.6**	**J**	4.9	0.43	ug/L		04/02/14 06:10	04/04/14 11:45	1
Phenol	**4.5**	**J**	4.9	0.38	ug/L		04/02/14 06:10	04/04/14 11:45	1
Pyrene	**1.0**	**J**	4.9	0.33	ug/L		04/02/14 06:10	04/04/14 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*14*	*X*	*52 - 132*	*04/02/14 06:10*	*04/04/14 11:45*	*1*
2-Fluorobiphenyl	*36*	*X*	*48 - 120*	*04/02/14 06:10*	*04/04/14 11:45*	*1*
2-Fluorophenol	*9*	*X*	*20 - 120*	*04/02/14 06:10*	*04/04/14 11:45*	*1*
Nitrobenzene-d5	*36*	*X*	*46 - 120*	*04/02/14 06:10*	*04/04/14 11:45*	*1*
Phenol-d5	*10*	*X*	*16 - 120*	*04/02/14 06:10*	*04/04/14 11:45*	*1*
p-Terphenyl-d14	*32*	*X*	*67 - 150*	*04/02/14 06:10*	*04/04/14 11:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	**270**		49	5.7	ug/L		04/02/14 06:10	04/04/14 14:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*52 - 132*	*04/02/14 06:10*	*04/04/14 14:48*	*10*
2-Fluorobiphenyl	*32*	*X*	*48 - 120*	*04/02/14 06:10*	*04/04/14 14:48*	*10*
2-Fluorophenol	*0*	*X*	*20 - 120*	*04/02/14 06:10*	*04/04/14 14:48*	*10*
Nitrobenzene-d5	*31*	*X*	*46 - 120*	*04/02/14 06:10*	*04/04/14 14:48*	*10*
Phenol-d5	*5*	*X*	*16 - 120*	*04/02/14 06:10*	*04/04/14 14:48*	*10*
p-Terphenyl-d14	*34*	*X*	*67 - 150*	*04/02/14 06:10*	*04/04/14 14:48*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5.1**		0.20	0.060	mg/L		04/02/14 09:20	04/10/14 16:40	1
Antimony	**0.0076**	**J**	0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 15:16	1
Arsenic	**0.12**		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 15:16	1
Barium	**0.15**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 15:16	1
Beryllium	**0.0027**		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 15:16	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 15:16	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A ICM-101 0414
Date Collected: 04/01/14 09:30
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	70.1		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 15:16	1
Chromium	0.21		0.0040	0.0010	mg/L		04/02/14 09:20	04/10/14 16:40	1
Cobalt	0.0038	J	0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 15:16	1
Copper	0.040		0.010	0.0016	mg/L		04/02/14 09:20	04/10/14 16:40	1
Iron	22.4		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 15:16	1
Lead	0.026		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 15:16	1
Magnesium	10.4		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 15:16	1
Manganese	0.62		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 15:16	1
Nickel	0.032		0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 15:16	1
Potassium	11.4		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 15:16	1
Selenium	0.0090	J	0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 15:16	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 15:16	1
Sodium	1160		1.0	0.32	mg/L		04/02/14 09:20	04/10/14 16:40	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 15:16	1
Vanadium	0.29		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 15:16	1
Zinc	0.12		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 15:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00083		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 14:06	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A RFI-26 0414
Date Collected: 04/01/14 11:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			04/04/14 19:31	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			04/04/14 19:31	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			04/04/14 19:31	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			04/04/14 19:31	40
1,1-Dichloroethane	ND		40	15	ug/L			04/04/14 19:31	40
1,1-Dichloroethene	ND		40	12	ug/L			04/04/14 19:31	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			04/04/14 19:31	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			04/04/14 19:31	40
1,2-Dibromoethane	ND		40	29	ug/L			04/04/14 19:31	40
1,2-Dichlorobenzene	ND		40	32	ug/L			04/04/14 19:31	40
1,2-Dichloroethane	ND		40	8.4	ug/L			04/04/14 19:31	40
1,2-Dichloropropane	ND		40	29	ug/L			04/04/14 19:31	40
1,3-Dichlorobenzene	ND		40	31	ug/L			04/04/14 19:31	40
1,4-Dichlorobenzene	ND		40	34	ug/L			04/04/14 19:31	40
2-Butanone (MEK)	ND		400	53	ug/L			04/04/14 19:31	40
2-Hexanone	ND		200	50	ug/L			04/04/14 19:31	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			04/04/14 19:31	40
Acetone	ND		400	120	ug/L			04/04/14 19:31	40
Benzene	**51**		40	16	ug/L			04/04/14 19:31	40
Bromodichloromethane	ND		40	16	ug/L			04/04/14 19:31	40
Bromoform	ND		40	10	ug/L			04/04/14 19:31	40
Bromomethane	ND		40	28	ug/L			04/04/14 19:31	40
Carbon disulfide	ND		40	7.6	ug/L			04/04/14 19:31	40
Carbon tetrachloride	ND		40	11	ug/L			04/04/14 19:31	40
Chloroethane	ND		40	13	ug/L			04/04/14 19:31	40
Chloroform	ND		40	14	ug/L			04/04/14 19:31	40
Chloromethane	ND		40	14	ug/L			04/04/14 19:31	40
cis-1,2-Dichloroethene	ND		40	32	ug/L			04/04/14 19:31	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			04/04/14 19:31	40
Cyclohexane	ND		40	7.2	ug/L			04/04/14 19:31	40
Dibromochloromethane	ND		40	13	ug/L			04/04/14 19:31	40
Dichlorodifluoromethane	ND		40	27	ug/L			04/04/14 19:31	40
Ethylbenzene	ND		40	30	ug/L			04/04/14 19:31	40
Isopropylbenzene	ND		40	32	ug/L			04/04/14 19:31	40
Methyl acetate	ND		100	20	ug/L			04/04/14 19:31	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			04/04/14 19:31	40
Methylcyclohexane	ND		40	6.4	ug/L			04/04/14 19:31	40
Methylene Chloride	ND		40	18	ug/L			04/04/14 19:31	40
Styrene	ND		40	29	ug/L			04/04/14 19:31	40
Tetrachloroethene	ND		40	14	ug/L			04/04/14 19:31	40
Toluene	ND		40	20	ug/L			04/04/14 19:31	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			04/04/14 19:31	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			04/04/14 19:31	40
Trichloroethene	ND		40	18	ug/L			04/04/14 19:31	40
Trichlorofluoromethane	ND		40	35	ug/L			04/04/14 19:31	40
Vinyl chloride	ND		40	36	ug/L			04/04/14 19:31	40
Xylenes, Total	ND		80	26	ug/L			04/04/14 19:31	40

Client Sample ID: BCC Area A RFI-26 0414
Date Collected: 04/01/14 11:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-8
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*04/04/14 19:31*	*40*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*04/04/14 19:31*	*40*
Toluene-d8 (Surr)	*96*		*71 - 126*		*04/04/14 19:31*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**6200**		200	150	ug/L			04/05/14 02:36	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*04/05/14 02:36*	*200*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*04/05/14 02:36*	*200*
Toluene-d8 (Surr)	*105*		*71 - 126*		*04/05/14 02:36*	*200*

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		04/02/14 06:10	04/04/14 12:09	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		04/02/14 06:10	04/04/14 12:09	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		04/02/14 06:10	04/04/14 12:09	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		04/02/14 06:10	04/04/14 12:09	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		04/02/14 06:10	04/04/14 12:09	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		04/02/14 06:10	04/04/14 12:09	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		04/02/14 06:10	04/04/14 12:09	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		04/02/14 06:10	04/04/14 12:09	1
2-Chlorophenol	**19**		4.7	0.50	ug/L		04/02/14 06:10	04/04/14 12:09	1
2-Methylnaphthalene	ND	*	4.7	0.57	ug/L		04/02/14 06:10	04/04/14 12:09	1
2-Methylphenol	ND		4.7	0.38	ug/L		04/02/14 06:10	04/04/14 12:09	1
2-Nitroaniline	ND		9.5	0.40	ug/L		04/02/14 06:10	04/04/14 12:09	1
2-Nitrophenol	ND		4.7	0.46	ug/L		04/02/14 06:10	04/04/14 12:09	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		04/02/14 06:10	04/04/14 12:09	1
3-Nitroaniline	ND		9.5	0.46	ug/L		04/02/14 06:10	04/04/14 12:09	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		04/02/14 06:10	04/04/14 12:09	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		04/02/14 06:10	04/04/14 12:09	1
4-Chloro-3-methylphenol	**40**		4.7	0.43	ug/L		04/02/14 06:10	04/04/14 12:09	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		04/02/14 06:10	04/04/14 12:09	1
4-Methylphenol	ND		9.5	0.34	ug/L		04/02/14 06:10	04/04/14 12:09	1
4-Nitroaniline	ND		9.5	0.24	ug/L		04/02/14 06:10	04/04/14 12:09	1
4-Nitrophenol	ND		9.5	1.4	ug/L		04/02/14 06:10	04/04/14 12:09	1
Acenaphthene	ND		4.7	0.39	ug/L		04/02/14 06:10	04/04/14 12:09	1
Acenaphthylene	ND		4.7	0.36	ug/L		04/02/14 06:10	04/04/14 12:09	1
Acetophenone	ND		4.7	0.51	ug/L		04/02/14 06:10	04/04/14 12:09	1
Aniline	**12**		9.5	0.58	ug/L		04/02/14 06:10	04/04/14 12:09	1
Anthracene	ND		4.7	0.27	ug/L		04/02/14 06:10	04/04/14 12:09	1
Atrazine	ND		4.7	0.44	ug/L		04/02/14 06:10	04/04/14 12:09	1
Benzaldehyde	ND		4.7	0.25	ug/L		04/02/14 06:10	04/04/14 12:09	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		04/02/14 06:10	04/04/14 12:09	1
Benzo(a)pyrene	ND		4.7	0.45	ug/L		04/02/14 06:10	04/04/14 12:09	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		04/02/14 06:10	04/04/14 12:09	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		04/02/14 06:10	04/04/14 12:09	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		04/02/14 06:10	04/04/14 12:09	1
Biphenyl	ND		4.7	0.62	ug/L		04/02/14 06:10	04/04/14 12:09	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		04/02/14 06:10	04/04/14 12:09	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A RFI-26 0414
Date Collected: 04/01/14 11:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		04/02/14 06:10	04/04/14 12:09	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		04/02/14 06:10	04/04/14 12:09	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		04/02/14 06:10	04/04/14 12:09	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		04/02/14 06:10	04/04/14 12:09	1
Caprolactam	ND		4.7	2.1	ug/L		04/02/14 06:10	04/04/14 12:09	1
Carbazole	ND		4.7	0.28	ug/L		04/02/14 06:10	04/04/14 12:09	1
Chrysene	ND		4.7	0.31	ug/L		04/02/14 06:10	04/04/14 12:09	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		04/02/14 06:10	04/04/14 12:09	1
Dibenzofuran	ND		9.5	0.48	ug/L		04/02/14 06:10	04/04/14 12:09	1
Diethyl phthalate	**0.26**	**J**	4.7	0.21	ug/L		04/02/14 06:10	04/04/14 12:09	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		04/02/14 06:10	04/04/14 12:09	1
Di-n-butyl phthalate	**0.35**	**J**	4.7	0.29	ug/L		04/02/14 06:10	04/04/14 12:09	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		04/02/14 06:10	04/04/14 12:09	1
Fluoranthene	ND		4.7	0.38	ug/L		04/02/14 06:10	04/04/14 12:09	1
Fluorene	ND		4.7	0.34	ug/L		04/02/14 06:10	04/04/14 12:09	1
Hexachlorobenzene	ND	*	4.7	0.48	ug/L		04/02/14 06:10	04/04/14 12:09	1
Hexachlorobutadiene	ND		4.7	0.65	ug/L		04/02/14 06:10	04/04/14 12:09	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		04/02/14 06:10	04/04/14 12:09	1
Hexachloroethane	ND	*	4.7	0.56	ug/L		04/02/14 06:10	04/04/14 12:09	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.45	ug/L		04/02/14 06:10	04/04/14 12:09	1
Isophorone	ND		4.7	0.41	ug/L		04/02/14 06:10	04/04/14 12:09	1
Naphthalene	ND		4.7	0.72	ug/L		04/02/14 06:10	04/04/14 12:09	1
Nitrobenzene	ND		4.7	0.28	ug/L		04/02/14 06:10	04/04/14 12:09	1
N-Nitrosodi-n-propylamine	ND	*	4.7	0.51	ug/L		04/02/14 06:10	04/04/14 12:09	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		04/02/14 06:10	04/04/14 12:09	1
Pentachlorophenol	ND		9.5	2.1	ug/L		04/02/14 06:10	04/04/14 12:09	1
Phenanthrene	ND		4.7	0.42	ug/L		04/02/14 06:10	04/04/14 12:09	1
Phenol	ND		4.7	0.37	ug/L		04/02/14 06:10	04/04/14 12:09	1
Pyrene	ND		4.7	0.32	ug/L		04/02/14 06:10	04/04/14 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*123*		*52 - 132*	*04/02/14 06:10*	*04/04/14 12:09*	*1*
2-Fluorobiphenyl	*100*		*48 - 120*	*04/02/14 06:10*	*04/04/14 12:09*	*1*
2-Fluorophenol	*53*		*20 - 120*	*04/02/14 06:10*	*04/04/14 12:09*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*04/02/14 06:10*	*04/04/14 12:09*	*1*
Phenol-d5	*47*		*16 - 120*	*04/02/14 06:10*	*04/04/14 12:09*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*04/02/14 06:10*	*04/04/14 12:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	**660**		95	11	ug/L		04/02/14 06:10	04/04/14 15:13	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*52 - 132*	*04/02/14 06:10*	*04/04/14 15:13*	*20*
2-Fluorobiphenyl	*62*		*48 - 120*	*04/02/14 06:10*	*04/04/14 15:13*	*20*
2-Fluorophenol	*0*	*X*	*20 - 120*	*04/02/14 06:10*	*04/04/14 15:13*	*20*
Nitrobenzene-d5	*63*		*46 - 120*	*04/02/14 06:10*	*04/04/14 15:13*	*20*
Phenol-d5	*18*		*16 - 120*	*04/02/14 06:10*	*04/04/14 15:13*	*20*
p-Terphenyl-d14	*67*		*67 - 150*	*04/02/14 06:10*	*04/04/14 15:13*	*20*

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area A RFI-26 0414
Date Collected: 04/01/14 11:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-8
Matrix: Ground Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.089**	**J**	0.20	0.060	mg/L		04/02/14 09:20	04/10/14 15:40	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 14:34	1
Arsenic	**0.018**		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 14:34	1
Barium	**0.18**		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 14:34	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 14:34	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 14:34	1
Calcium	**127**		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:34	1
Chromium	**0.0056**		0.0040	0.0010	mg/L		04/02/14 09:20	04/10/14 15:40	1
Cobalt	ND		0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 14:34	1
Copper	ND		0.010	0.0016	mg/L		04/02/14 09:20	04/10/14 15:40	1
Iron	**1.8**		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 14:34	1
Lead	ND		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 14:34	1
Magnesium	**23.7**		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 14:34	1
Manganese	**0.61**		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 14:34	1
Nickel	**0.0013**	**J**	0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 14:34	1
Potassium	**45.8**		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 14:34	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 14:34	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 14:34	1
Sodium	**234**		1.0	0.32	mg/L		04/02/14 09:20	04/10/14 15:40	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 14:34	1
Vanadium	**0.0053**		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 14:34	1
Zinc	**0.0033**	**J**	0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 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		04/03/14 10:35	04/03/14 14:00	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: TRIP BLANK
Date Collected: 04/01/14 00:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/05/14 03:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/05/14 03:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/05/14 03:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/05/14 03:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/05/14 03:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/05/14 03:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/05/14 03:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/05/14 03:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/05/14 03:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/05/14 03:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/05/14 03:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/05/14 03:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/05/14 03:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/05/14 03:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/05/14 03:00	1
2-Hexanone	ND		5.0	1.2	ug/L			04/05/14 03:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/05/14 03:00	1
Acetone	ND		10	3.0	ug/L			04/05/14 03:00	1
Benzene	ND		1.0	0.41	ug/L			04/05/14 03:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/05/14 03:00	1
Bromoform	ND		1.0	0.26	ug/L			04/05/14 03:00	1
Bromomethane	ND		1.0	0.69	ug/L			04/05/14 03:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/05/14 03:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/05/14 03:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/05/14 03:00	1
Chloroethane	ND		1.0	0.32	ug/L			04/05/14 03:00	1
Chloroform	ND		1.0	0.34	ug/L			04/05/14 03:00	1
Chloromethane	ND		1.0	0.35	ug/L			04/05/14 03:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/05/14 03:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/05/14 03:00	1
Cyclohexane	ND		1.0	0.18	ug/L			04/05/14 03:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/05/14 03:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/05/14 03:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/05/14 03:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/05/14 03:00	1
Methyl acetate	ND		2.5	0.50	ug/L			04/05/14 03:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/05/14 03:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/05/14 03:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/05/14 03:00	1
Styrene	ND		1.0	0.73	ug/L			04/05/14 03:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/05/14 03:00	1
Toluene	ND		1.0	0.51	ug/L			04/05/14 03:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/05/14 03:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/05/14 03:00	1
Trichloroethene	ND		1.0	0.46	ug/L			04/05/14 03:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/05/14 03:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/05/14 03:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/05/14 03:00	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: TRIP BLANK
Date Collected: 04/01/14 00:00
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		04/05/14 03:00	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/05/14 03:00	1
Toluene-d8 (Surr)	105		71 - 126		04/05/14 03:00	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area AICM-101F 0414
Date Collected: 04/01/14 09:50
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-10
Matrix: Ground Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4.2		0.20	0.060	mg/L		04/02/14 09:20	04/10/14 16:37	1
Antimony	0.0078	J	0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 15:13	1
Arsenic	0.13		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 15:13	1
Barium	0.15		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 15:13	1
Beryllium	0.0027		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 15:13	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 15:13	1
Calcium	79.2		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 15:13	1
Chromium	0.20		0.0040	0.0010	mg/L		04/02/14 09:20	04/10/14 16:37	1
Cobalt	0.0053		0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 15:13	1
Copper	0.033		0.010	0.0016	mg/L		04/02/14 09:20	04/10/14 16:37	1
Iron	23.2		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 15:13	1
Lead	0.019		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 15:13	1
Magnesium	12.0		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 15:13	1
Manganese	0.69		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 15:13	1
Nickel	0.035		0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 15:13	1
Potassium	13.4		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 15:13	1
Selenium	0.0098	J	0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 15:13	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 15:13	1
Sodium	1190		1.0	0.32	mg/L		04/02/14 09:20	04/10/14 16:37	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 15:13	1
Vanadium	0.31		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 15:13	1
Zinc	0.14		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 15:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00069		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 14:05	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

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 (66-137)	BFB (73-120)	TOL (71-126)
480-56993-1	BCC Area A EW-5 D 0414	109	108	110
480-56993-2	BCC Area A EW-1 0414	103	83	89
480-56993-2 - DL	BCC Area A EW-1 0414	100	96	104
480-56993-3	BCC Area A EW-2 0414	101	102	106
480-56993-4	BCC Area A EW-3A 0414	100	100	102
480-56993-5	BCC Area A EW-4 0414	105	105	109
480-56993-6	BCC Area A EW-5 0414	105	105	107
480-56993-6 MS	BCC Area A EW-5 MS 0414	101	98	101
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	110	97	99
480-56993-7	BCC Area A ICM-101 0414	103	99	101
480-56993-8	BCC Area A RFI-26 0414	106	93	96
480-56993-8 - DL	BCC Area A RFI-26 0414	101	104	105

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-56993-9	TRIP BLANK	105	102	105
LCS 480-173843/5	Lab Control Sample	97	97	101
LCS 480-174016/4	Lab Control Sample	103	98	101
LCS 480-174114/6	Lab Control Sample	97	97	101
MB 480-173843/7	Method Blank	99	101	104
MB 480-174016/6	Method Blank	103	104	107
MB 480-174114/8	Method Blank	103	103	107

Surrogate Legend

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

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

Matrix: Ground 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)
480-56993-1	BCC Area A EW-5 D 0414	108	101	69	111	50	81
480-56993-1 - DL	BCC Area A EW-5 D 0414	0 X	70	36	59	17	78
480-56993-2	BCC Area A EW-1 0414	111	92	93	97	75	74
480-56993-2 - DL	BCC Area A EW-1 0414	0 X	56	0 X	65	14 X	66 X
480-56993-3	BCC Area A EW-2 0414	120	97	66	105	48	98
480-56993-3 - DL	BCC Area A EW-2 0414	70	78	41	77	20	104
480-56993-4	BCC Area A EW-3A 0414	112	97	70	103	51	109

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-56993-4 - DL	BCC Area A EW-3A 0414	85	92	62	95	37	102
480-56993-5	BCC Area A EW-4 0414	126	100	60	115	41	94
480-56993-5 - DL	BCC Area A EW-4 0414	0 X	0 X	0 X	0 X	0 X	0 X
480-56993-6	BCC Area A EW-5 0414	112	100	70	114	51	97
480-56993-6 - DL	BCC Area A EW-5 0414	0 X	81	45	67	0 X	56 X
480-56993-6 MS	BCC Area A EW-5 MS 0414	123	103	74	115	61	71
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	123	105	76	121 X	66	70
480-56993-7	BCC Area A ICM-101 0414	14 X	36 X	9 X	36 X	10 X	32 X
480-56993-7 - DL	BCC Area A ICM-101 0414	0 X	32 X	0 X	31 X	5 X	34 X
480-56993-8	BCC Area A RFI-26 0414	123	100	53	83	47	81
480-56993-8 - DL	BCC Area A RFI-26 0414	0 X	62	0 X	63	18	67

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
LCS 480-173279/2-A	Lab Control Sample	119	102	77	108	69	117
MB 480-173279/1-A	Method Blank	93	91	66	97	42	126

Surrogate Legend

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

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

Lab Sample ID: MB 480-173843/7
Matrix: Water
Analysis Batch: 173843

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 11:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 11:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 11:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 11:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 11:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 11:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 11:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 11:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 11:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 11:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 11:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 11:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 11:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 11:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 11:11	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 11:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 11:11	1
Acetone	ND		10	3.0	ug/L			04/04/14 11:11	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 11:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 11:11	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 11:11	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 11:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 11:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 11:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 11:11	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 11:11	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 11:11	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 11:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 11:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 11:11	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 11:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 11:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 11:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 11:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 11:11	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 11:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 11:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 11:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 11:11	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 11:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 11:11	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 11:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 11:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 11:11	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 11:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 11:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 11:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 11:11	1

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

Lab Sample ID: MB 480-173843/7
Matrix: Water
Analysis Batch: 173843

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		04/04/14 11:11	1
4-Bromofluorobenzene (Surr)	101		73 - 120		04/04/14 11:11	1
Toluene-d8 (Surr)	104		71 - 126		04/04/14 11:11	1

Lab Sample ID: LCS 480-173843/5
Matrix: Water
Analysis Batch: 173843

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	22.9		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.6		ug/L		90	52 - 148
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	23.0		ug/L		92	71 - 129
1,1-Dichloroethene	25.0	24.2		ug/L		97	58 - 121
1,2,4-Trichlorobenzene	25.0	22.8		ug/L		91	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	25.3		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	22.5		ug/L		90	76 - 120
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	75 - 120
2-Butanone (MEK)	125	127		ug/L		101	57 - 140
2-Hexanone	125	132		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	125	151		ug/L		121	71 - 125
Acetone	125	108		ug/L		86	56 - 142
Benzene	25.0	23.0		ug/L		92	71 - 124
Bromodichloromethane	25.0	22.7		ug/L		91	80 - 122
Bromoform	25.0	22.1		ug/L		88	52 - 132
Bromomethane	25.0	28.1		ug/L		112	55 - 144
Carbon disulfide	25.0	20.7		ug/L		83	59 - 134
Carbon tetrachloride	25.0	19.9		ug/L		80	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	72 - 120
Chloroethane	25.0	26.1		ug/L		104	69 - 136
Chloroform	25.0	22.4		ug/L		90	73 - 127
Chloromethane	25.0	17.7		ug/L		71	68 - 124
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	23.1		ug/L		92	74 - 124
Cyclohexane	25.0	20.5		ug/L		82	59 - 135
Dibromochloromethane	24.5	23.1		ug/L		94	75 - 125
Dichlorodifluoromethane	25.0	18.4		ug/L		73	59 - 135
Ethylbenzene	25.0	24.1		ug/L		97	77 - 123
Isopropylbenzene	25.0	24.1		ug/L		97	77 - 122
Methyl acetate	125	117		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	23.2		ug/L		93	64 - 127
Methylcyclohexane	25.0	21.3		ug/L		85	61 - 138

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

Lab Sample ID: LCS 480-173843/5
Matrix: Water
Analysis Batch: 173843

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	22.5		ug/L		90	57 - 132
Styrene	25.0	24.9		ug/L		100	70 - 130
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	22.3		ug/L		89	73 - 127
trans-1,3-Dichloropropene	25.0	23.7		ug/L		95	72 - 123
Trichloroethene	25.0	22.0		ug/L		88	74 - 123
Trichlorofluoromethane	25.0	27.0		ug/L		108	62 - 152
Vinyl chloride	25.0	20.6		ug/L		83	65 - 133
Xylenes, Total	50.0	49.0		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 480-56993-6 MS
Matrix: Ground Water
Analysis Batch: 173843

Client Sample ID: BCC Area A EW-5 MS 0414
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	192		ug/L		96	73 - 126
1,1,2,2-Tetrachloroethane	ND		200	204		ug/L		102	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	179		ug/L		89	52 - 148
1,1,2-Trichloroethane	ND		200	202		ug/L		101	76 - 122
1,1-Dichloroethane	ND		200	191		ug/L		96	71 - 129
1,1-Dichloroethene	ND		200	196		ug/L		98	58 - 121
1,2,4-Trichlorobenzene	ND		200	207		ug/L		103	70 - 122
1,2-Dibromo-3-Chloropropane	ND		200	227		ug/L		114	56 - 134
1,2-Dibromoethane	ND		200	203		ug/L		101	77 - 120
1,2-Dichlorobenzene	ND		200	198		ug/L		99	80 - 124
1,2-Dichloroethane	ND		200	208		ug/L		104	75 - 127
1,2-Dichloropropane	ND		200	185		ug/L		92	76 - 120
1,3-Dichlorobenzene	ND		200	195		ug/L		98	77 - 120
1,4-Dichlorobenzene	ND		200	193		ug/L		96	75 - 120
2-Butanone (MEK)	ND		1000	1330		ug/L		133	57 - 140
2-Hexanone	ND		1000	1040		ug/L		104	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1000	1210		ug/L		121	71 - 125
Acetone	ND		1000	1640	F1	ug/L		164	56 - 142
Benzene	ND		200	200		ug/L		100	71 - 124
Bromodichloromethane	ND		200	181		ug/L		90	80 - 122
Bromoform	ND		200	170		ug/L		85	52 - 132
Bromomethane	ND		200	235		ug/L		118	55 - 144
Carbon disulfide	ND		200	177		ug/L		89	59 - 134
Carbon tetrachloride	ND		200	175		ug/L		88	72 - 134
Chlorobenzene	12		200	211		ug/L		100	72 - 120
Chloroethane	ND		200	210		ug/L		105	69 - 136

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

Lab Sample ID: 480-56993-6 MS
Matrix: Ground Water
Analysis Batch: 173843

Client Sample ID: BCC Area A EW-5 MS 0414
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		200	192		ug/L		96	73 - 127
Chloromethane	ND		200	156		ug/L		78	68 - 124
cis-1,2-Dichloroethene	ND		200	196		ug/L		98	74 - 124
cis-1,3-Dichloropropene	ND		200	174		ug/L		87	74 - 124
Cyclohexane	ND		200	169		ug/L		85	59 - 135
Dibromochloromethane	ND		196	181		ug/L		92	75 - 125
Dichlorodifluoromethane	ND		200	157		ug/L		79	59 - 135
Ethylbenzene	47		200	256		ug/L		105	77 - 123
Isopropylbenzene	6.4	J	200	210		ug/L		102	77 - 122
Methyl acetate	ND		1000	1200		ug/L		120	74 - 133
Methyl tert-butyl ether	ND		200	207		ug/L		104	64 - 127
Methylcyclohexane	ND		200	177		ug/L		88	61 - 138
Methylene Chloride	ND		200	188		ug/L		94	57 - 132
Styrene	ND		200	218		ug/L		109	70 - 130
Tetrachloroethene	ND		200	196		ug/L		98	74 - 122
Toluene	7.1	J	200	211		ug/L		102	80 - 122
trans-1,2-Dichloroethene	ND		200	199		ug/L		99	73 - 127
trans-1,3-Dichloropropene	ND		200	184		ug/L		92	72 - 123
Trichloroethene	ND		200	178		ug/L		89	74 - 123
Trichlorofluoromethane	ND		200	222		ug/L		111	62 - 152
Vinyl chloride	ND		200	175		ug/L		88	65 - 133
Xylenes, Total	300		400	728		ug/L		107	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 480-56993-6 MSD
Matrix: Ground Water
Analysis Batch: 173843

Client Sample ID: BCC Area A EW-5 MSD 0414
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		200	210		ug/L		105	73 - 126	9	15
1,1,2,2-Tetrachloroethane	ND		200	207		ug/L		103	70 - 126	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	199		ug/L		100	52 - 148	11	20
1,1,2-Trichloroethane	ND		200	204		ug/L		102	76 - 122	1	15
1,1-Dichloroethane	ND		200	205		ug/L		103	71 - 129	7	20
1,1-Dichloroethene	ND		200	214		ug/L		107	58 - 121	9	16
1,2,4-Trichlorobenzene	ND		200	209		ug/L		105	70 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		200	232		ug/L		116	56 - 134	2	15
1,2-Dibromoethane	ND		200	205		ug/L		102	77 - 120	1	15
1,2-Dichlorobenzene	ND		200	202		ug/L		101	80 - 124	2	20
1,2-Dichloroethane	ND		200	216		ug/L		108	75 - 127	4	20
1,2-Dichloropropane	ND		200	202		ug/L		101	76 - 120	9	20
1,3-Dichlorobenzene	ND		200	199		ug/L		100	77 - 120	2	20
1,4-Dichlorobenzene	ND		200	196		ug/L		98	75 - 120	2	20

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

Lab Sample ID: 480-56993-6 MSD
Matrix: Ground Water
Analysis Batch: 173843

Client Sample ID: BCC Area A EW-5 MSD 0414
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		1000	1380		ug/L		138	57 - 140	3	20
2-Hexanone	ND		1000	1050		ug/L		105	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		1000	1210		ug/L		121	71 - 125	0	35
Acetone	ND		1000	1780	F1	ug/L		178	56 - 142	8	15
Benzene	ND		200	206		ug/L		103	71 - 124	3	13
Bromodichloromethane	ND		200	204		ug/L		102	80 - 122	12	15
Bromoform	ND		200	177		ug/L		88	52 - 132	4	15
Bromomethane	ND		200	246		ug/L		123	55 - 144	5	15
Carbon disulfide	ND		200	196		ug/L		98	59 - 134	10	15
Carbon tetrachloride	ND		200	192		ug/L		96	72 - 134	9	15
Chlorobenzene	12		200	211		ug/L		100	72 - 120	0	25
Chloroethane	ND		200	219		ug/L		110	69 - 136	4	15
Chloroform	ND		200	204		ug/L		102	73 - 127	6	20
Chloromethane	ND		200	183	F2	ug/L		92	68 - 124	16	15
cis-1,2-Dichloroethene	ND		200	210		ug/L		105	74 - 124	7	15
cis-1,3-Dichloropropene	ND		200	189		ug/L		94	74 - 124	8	15
Cyclohexane	ND		200	183		ug/L		91	59 - 135	8	20
Dibromochloromethane	ND		196	184		ug/L		94	75 - 125	2	15
Dichlorodifluoromethane	ND		200	175		ug/L		88	59 - 135	11	20
Ethylbenzene	47		200	255		ug/L		104	77 - 123	1	15
Isopropylbenzene	6.4	J	200	210		ug/L		102	77 - 122	0	20
Methyl acetate	ND		1000	1270		ug/L		127	74 - 133	6	20
Methyl tert-butyl ether	ND		200	217		ug/L		108	64 - 127	4	37
Methylcyclohexane	ND		200	186		ug/L		93	61 - 138	5	20
Methylene Chloride	ND		200	201		ug/L		101	57 - 132	7	15
Styrene	ND		200	218		ug/L		109	70 - 130	0	20
Tetrachloroethene	ND		200	200		ug/L		100	74 - 122	2	20
Toluene	7.1	J	200	211		ug/L		102	80 - 122	0	15
trans-1,2-Dichloroethene	ND		200	209		ug/L		104	73 - 127	5	20
trans-1,3-Dichloropropene	ND		200	187		ug/L		93	72 - 123	2	15
Trichloroethene	ND		200	191		ug/L		95	74 - 123	7	16
Trichlorofluoromethane	ND		200	237		ug/L		119	62 - 152	7	20
Vinyl chloride	ND		200	195		ug/L		98	65 - 133	11	15
Xylenes, Total	300		400	725		ug/L		106	76 - 122	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 480-174016/6
Matrix: Water
Analysis Batch: 174016

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 22:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 22:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 22:34	1

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

Lab Sample ID: MB 480-174016/6
Matrix: Water
Analysis Batch: 174016

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 22:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 22:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 22:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 22:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 22:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 22:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 22:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 22:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 22:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 22:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 22:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 22:34	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 22:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 22:34	1
Acetone	ND		10	3.0	ug/L			04/04/14 22:34	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 22:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 22:34	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 22:34	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 22:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 22:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 22:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 22:34	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 22:34	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 22:34	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 22:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 22:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 22:34	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 22:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 22:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 22:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 22:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 22:34	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 22:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 22:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 22:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 22:34	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 22:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 22:34	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 22:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 22:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 22:34	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 22:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 22:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 22:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 22:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/04/14 22:34*	*1*

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

Lab Sample ID: MB 480-174016/6
Matrix: Water
Analysis Batch: 174016

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		73 - 120		04/04/14 22:34	1
Toluene-d8 (Surr)	107		71 - 126		04/04/14 22:34	1

Lab Sample ID: LCS 480-174016/4
Matrix: Water
Analysis Batch: 174016

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	25.2		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.7		ug/L		103	52 - 148
1,1,2-Trichloroethane	25.0	24.9		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	71 - 129
1,1-Dichloroethene	25.0	26.3		ug/L		105	58 - 121
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	25.7		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	25.7		ug/L		103	75 - 127
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	75 - 120
2-Butanone (MEK)	125	144		ug/L		115	57 - 140
2-Hexanone	125	134		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	135		ug/L		108	56 - 142
Benzene	25.0	24.3		ug/L		97	71 - 124
Bromodichloromethane	25.0	24.7		ug/L		99	80 - 122
Bromoform	25.0	21.5		ug/L		86	52 - 132
Bromomethane	25.0	26.8		ug/L		107	55 - 144
Carbon disulfide	25.0	22.7		ug/L		91	59 - 134
Carbon tetrachloride	25.0	22.5		ug/L		90	72 - 134
Chlorobenzene	25.0	25.4		ug/L		102	72 - 120
Chloroethane	25.0	25.8		ug/L		103	69 - 136
Chloroform	25.0	24.3		ug/L		97	73 - 127
Chloromethane	25.0	17.9		ug/L		72	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	23.5		ug/L		94	74 - 124
Cyclohexane	25.0	23.4		ug/L		93	59 - 135
Dibromochloromethane	24.5	23.4		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	18.7		ug/L		75	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	125	127		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		99	64 - 127
Methylcyclohexane	25.0	24.0		ug/L		96	61 - 138
Methylene Chloride	25.0	24.1		ug/L		96	57 - 132

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

Lab Sample ID: LCS 480-174016/4
Matrix: Water
Analysis Batch: 174016

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	25.0	26.2		ug/L		105	70 - 130
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	24.1		ug/L		97	72 - 123
Trichloroethene	25.0	24.3		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	28.0		ug/L		112	62 - 152
Vinyl chloride	25.0	21.5		ug/L		86	65 - 133
Xylenes, Total	50.0	50.7		ug/L		101	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 480-174114/8
Matrix: Water
Analysis Batch: 174114

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/06/14 23:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/14 23:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/14 23:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/14 23:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/14 23:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/14 23:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/14 23:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/14 23:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/14 23:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/14 23:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/14 23:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/14 23:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/14 23:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/14 23:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/14 23:18	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/14 23:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/14 23:18	1
Acetone	ND		10	3.0	ug/L			04/06/14 23:18	1
Benzene	ND		1.0	0.41	ug/L			04/06/14 23:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/14 23:18	1
Bromoform	ND		1.0	0.26	ug/L			04/06/14 23:18	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/14 23:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/14 23:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/14 23:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/06/14 23:18	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/14 23:18	1
Chloroform	ND		1.0	0.34	ug/L			04/06/14 23:18	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/14 23:18	1

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

Lab Sample ID: MB 480-174114/8
Matrix: Water
Analysis Batch: 174114

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/14 23:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/14 23:18	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/14 23:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/14 23:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/14 23:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/14 23:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/14 23:18	1
Methyl acetate	ND		2.5	0.50	ug/L			04/06/14 23:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/14 23:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/14 23:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/14 23:18	1
Styrene	ND		1.0	0.73	ug/L			04/06/14 23:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/14 23:18	1
Toluene	ND		1.0	0.51	ug/L			04/06/14 23:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/14 23:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/14 23:18	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/14 23:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/14 23:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/14 23:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/14 23:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/06/14 23:18*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/06/14 23:18*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*04/06/14 23:18*	*1*

Lab Sample ID: LCS 480-174114/6
Matrix: Water
Analysis Batch: 174114

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.0		ug/L		88	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	18.9		ug/L		75	52 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	23.3		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	18.9		ug/L		76	58 - 121
1,2,4-Trichlorobenzene	25.0	23.5		ug/L		94	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.0		ug/L		96	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 127
1,2-Dichloropropane	25.0	22.0		ug/L		88	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	75 - 120
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127

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

Lab Sample ID: LCS 480-174114/6
Matrix: Water
Analysis Batch: 174114

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	143		ug/L		115	71 - 125
Acetone	125	114		ug/L		91	56 - 142
Benzene	25.0	23.4		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.2		ug/L		93	80 - 122
Bromoform	25.0	25.5		ug/L		102	52 - 132
Bromomethane	25.0	21.0		ug/L		84	55 - 144
Carbon disulfide	25.0	20.0		ug/L		80	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		86	72 - 134
Chlorobenzene	25.0	24.1		ug/L		96	72 - 120
Chloroethane	25.0	21.8		ug/L		87	69 - 136
Chloroform	25.0	22.6		ug/L		90	73 - 127
Chloromethane	25.0	19.7		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	23.1		ug/L		92	74 - 124
Cyclohexane	25.0	20.5		ug/L		82	59 - 135
Dibromochloromethane	24.5	24.6		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	18.4		ug/L		74	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	125	114		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	64 - 127
Methylcyclohexane	25.0	21.7		ug/L		87	61 - 138
Methylene Chloride	25.0	21.8		ug/L		87	57 - 132
Styrene	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	23.1		ug/L		93	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	22.5		ug/L		90	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	72 - 123
Trichloroethene	25.0	21.6		ug/L		86	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 152
Vinyl chloride	25.0	20.2		ug/L		81	65 - 133
Xylenes, Total	50.0	49.1		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

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

Lab Sample ID: MB 480-173279/1-A
Matrix: Water
Analysis Batch: 173634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1

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

Lab Sample ID: MB 480-173279/1-A
Matrix: Water
Analysis Batch: 173634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		04/02/14 06:10	04/03/14 19:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Nitroaniline	ND		10	0.42	ug/L		04/02/14 06:10	04/03/14 19:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/02/14 06:10	04/03/14 19:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
3-Nitroaniline	ND		10	0.48	ug/L		04/02/14 06:10	04/03/14 19:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Methylphenol	ND		10	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Nitroaniline	ND		10	0.25	ug/L		04/02/14 06:10	04/03/14 19:46	1
4-Nitrophenol	ND		10	1.5	ug/L		04/02/14 06:10	04/03/14 19:46	1
Acenaphthene	ND		5.0	0.41	ug/L		04/02/14 06:10	04/03/14 19:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/02/14 06:10	04/03/14 19:46	1
Acetophenone	ND		5.0	0.54	ug/L		04/02/14 06:10	04/03/14 19:46	1
Aniline	ND		10	0.61	ug/L		04/02/14 06:10	04/03/14 19:46	1
Anthracene	ND		5.0	0.28	ug/L		04/02/14 06:10	04/03/14 19:46	1
Atrazine	ND		5.0	0.46	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		04/02/14 06:10	04/03/14 19:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		04/02/14 06:10	04/03/14 19:46	1
Biphenyl	ND		5.0	0.65	ug/L		04/02/14 06:10	04/03/14 19:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/02/14 06:10	04/03/14 19:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/02/14 06:10	04/03/14 19:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/02/14 06:10	04/03/14 19:46	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		04/02/14 06:10	04/03/14 19:46	1
Caprolactam	ND		5.0	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
Carbazole	ND		5.0	0.30	ug/L		04/02/14 06:10	04/03/14 19:46	1
Chrysene	ND		5.0	0.33	ug/L		04/02/14 06:10	04/03/14 19:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/02/14 06:10	04/03/14 19:46	1
Dibenzofuran	ND		10	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/02/14 06:10	04/03/14 19:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		04/02/14 06:10	04/03/14 19:46	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/02/14 06:10	04/03/14 19:46	1
Fluoranthene	ND		5.0	0.40	ug/L		04/02/14 06:10	04/03/14 19:46	1

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

Lab Sample ID: MB 480-173279/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 173634 — **Prep Batch: 173279**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.0	0.36	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/02/14 06:10	04/03/14 19:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		04/02/14 06:10	04/03/14 19:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		04/02/14 06:10	04/03/14 19:46	1
Isophorone	ND		5.0	0.43	ug/L		04/02/14 06:10	04/03/14 19:46	1
Naphthalene	ND		5.0	0.76	ug/L		04/02/14 06:10	04/03/14 19:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		04/02/14 06:10	04/03/14 19:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		04/02/14 06:10	04/03/14 19:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/02/14 06:10	04/03/14 19:46	1
Pentachlorophenol	ND		10	2.2	ug/L		04/02/14 06:10	04/03/14 19:46	1
Phenanthrene	ND		5.0	0.44	ug/L		04/02/14 06:10	04/03/14 19:46	1
Phenol	ND		5.0	0.39	ug/L		04/02/14 06:10	04/03/14 19:46	1
Pyrene	ND		5.0	0.34	ug/L		04/02/14 06:10	04/03/14 19:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*52 - 132*	*04/02/14 06:10*	*04/03/14 19:46*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*04/02/14 06:10*	*04/03/14 19:46*	*1*
2-Fluorophenol	*66*		*20 - 120*	*04/02/14 06:10*	*04/03/14 19:46*	*1*
Nitrobenzene-d5	*97*		*46 - 120*	*04/02/14 06:10*	*04/03/14 19:46*	*1*
Phenol-d5	*42*		*16 - 120*	*04/02/14 06:10*	*04/03/14 19:46*	*1*
p-Terphenyl-d14	*126*		*67 - 150*	*04/02/14 06:10*	*04/03/14 19:46*	*1*

Lab Sample ID: LCS 480-173279/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 173634 — **Prep Batch: 173279**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	31.0		ug/L		97	65 - 126
2,4,6-Trichlorophenol	32.0	36.5		ug/L		114	64 - 120
2,4-Dichlorophenol	32.0	34.8		ug/L		109	64 - 120
2,4-Dimethylphenol	32.0	33.6		ug/L		105	57 - 120
2,4-Dinitrophenol	64.0	49.2		ug/L		77	42 - 153
2,4-Dinitrotoluene	32.0	36.8		ug/L		115	65 - 154
2,6-Dinitrotoluene	32.0	35.9		ug/L		112	74 - 134
2-Chloronaphthalene	32.0	33.7		ug/L		105	41 - 124
2-Chlorophenol	32.0	32.3		ug/L		101	48 - 120
2-Methylnaphthalene	32.0	42.8	*	ug/L		134	34 - 122
2-Methylphenol	32.0	29.8		ug/L		93	39 - 120
2-Nitroaniline	32.0	39.6		ug/L		124	67 - 136
2-Nitrophenol	32.0	32.3		ug/L		101	59 - 120
3,3'-Dichlorobenzidine	32.0	35.7		ug/L		112	33 - 140
3-Nitroaniline	32.0	20.3		ug/L		63	28 - 86
4,6-Dinitro-2-methylphenol	64.0	68.4		ug/L		107	64 - 159
4-Bromophenyl phenyl ether	32.0	37.2		ug/L		116	71 - 126
4-Chloro-3-methylphenol	32.0	37.9		ug/L		118	64 - 120
4-Chloroaniline	32.0	21.0		ug/L		66	10 - 77

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

Lab Sample ID: LCS 480-173279/2-A
Matrix: Water
Analysis Batch: 173634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorophenyl phenyl ether	32.0	34.7		ug/L		108	71 - 122
4-Methylphenol	32.0	30.2		ug/L		94	39 - 120
4-Nitroaniline	32.0	26.9		ug/L		84	47 - 113
4-Nitrophenol	64.0	39.0		ug/L		61	16 - 120
Acenaphthene	32.0	34.8		ug/L		109	60 - 120
Acenaphthylene	32.0	33.5		ug/L		105	63 - 120
Acetophenone	32.0	34.6		ug/L		108	45 - 120
Aniline	32.0	13.6		ug/L		42	37 - 120
Anthracene	32.0	36.1		ug/L		113	58 - 148
Atrazine	32.0	34.2		ug/L		107	56 - 179
Benzaldehyde	32.0	23.3		ug/L		73	30 - 140
Benzo(a)anthracene	32.0	34.7		ug/L		108	55 - 151
Benzo(a)pyrene	32.0	36.1		ug/L		113	60 - 145
Benzo(b)fluoranthene	32.0	39.5		ug/L		123	54 - 140
Benzo(g,h,i)perylene	32.0	31.6		ug/L		99	66 - 152
Benzo(k)fluoranthene	32.0	39.0		ug/L		122	51 - 153
Biphenyl	32.0	35.1		ug/L		110	30 - 140
bis (2-chloroisopropyl) ether	32.0	34.2		ug/L		107	28 - 136
Bis(2-chloroethoxy)methane	32.0	34.4		ug/L		107	50 - 128
Bis(2-chloroethyl)ether	32.0	31.7		ug/L		99	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	38.8		ug/L		121	53 - 158
Butyl benzyl phthalate	32.0	39.4		ug/L		123	58 - 163
Caprolactam	32.0	13.6		ug/L		42	14 - 56
Carbazole	32.0	33.6		ug/L		105	59 - 148
Chrysene	32.0	36.4		ug/L		114	69 - 140
Dibenz(a,h)anthracene	32.0	33.0		ug/L		103	57 - 148
Dibenzofuran	32.0	33.8		ug/L		106	49 - 137
Diethyl phthalate	32.0	37.5		ug/L		117	59 - 146
Dimethyl phthalate	32.0	37.3		ug/L		116	59 - 141
Di-n-butyl phthalate	32.0	37.9		ug/L		118	58 - 149
Di-n-octyl phthalate	32.0	40.3		ug/L		126	55 - 167
Fluoranthene	32.0	34.6		ug/L		108	55 - 147
Fluorene	32.0	35.3		ug/L		110	55 - 143
Hexachlorobenzene	32.0	38.4	*	ug/L		120	14 - 108
Hexachlorobutadiene	32.0	30.5		ug/L		95	14 - 108
Hexachlorocyclopentadiene	32.0	16.5		ug/L		52	13 - 119
Hexachloroethane	32.0	32.7	*	ug/L		102	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	40.1		ug/L		125	69 - 146
Isophorone	32.0	38.4		ug/L		120	48 - 133
Naphthalene	32.0	32.0		ug/L		100	35 - 117
Nitrobenzene	32.0	37.7		ug/L		118	45 - 123
N-Nitrosodi-n-propylamine	32.0	38.6	*	ug/L		121	56 - 120
N-Nitrosodiphenylamine	32.0	39.9		ug/L		125	25 - 125
Pentachlorophenol	64.0	53.8		ug/L		84	39 - 136
Phenanthrene	32.0	36.2		ug/L		113	57 - 147
Phenol	32.0	20.3		ug/L		63	17 - 120
Pyrene	32.0	39.3		ug/L		123	58 - 136

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

Lab Sample ID: LCS 480-173279/2-A
Matrix: Water
Analysis Batch: 173634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173279

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*119*		*52 - 132*
2-Fluorobiphenyl	*102*		*48 - 120*
2-Fluorophenol	*77*		*20 - 120*
Nitrobenzene-d5	*108*		*46 - 120*
Phenol-d5	*69*		*16 - 120*
p-Terphenyl-d14	*117*		*67 - 150*

Lab Sample ID: 480-56993-6 MS
Matrix: Ground Water
Analysis Batch: 173634

Client Sample ID: BCC Area A EW-5 MS 0414
Prep Type: Total/NA
Prep Batch: 173279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		30.7	29.4		ug/L		96	65 - 126
2,4,6-Trichlorophenol	ND		30.7	35.5		ug/L		115	64 - 120
2,4-Dichlorophenol	ND		30.7	35.7		ug/L		116	64 - 120
2,4-Dimethylphenol	1.9	J	30.7	39.0	F1	ug/L		121	57 - 120
2,4-Dinitrophenol	ND		61.4	41.5		ug/L		68	42 - 153
2,4-Dinitrotoluene	ND		30.7	34.0		ug/L		111	62 - 148
2,6-Dinitrotoluene	ND		30.7	33.3		ug/L		108	65 - 154
2-Chloronaphthalene	ND		30.7	32.3		ug/L		105	41 - 124
2-Chlorophenol	ND		30.7	28.8		ug/L		94	48 - 120
2-Methylnaphthalene	94		30.7	119	E	ug/L		82	34 - 122
2-Methylphenol	ND		30.7	28.2		ug/L		92	39 - 120
2-Nitroaniline	ND		30.7	35.1		ug/L		114	67 - 136
2-Nitrophenol	ND		30.7	33.2		ug/L		108	59 - 120
3,3'-Dichlorobenzidine	ND		30.7	16.5		ug/L		54	33 - 140
3-Nitroaniline	ND		30.7	11.6	F1	ug/L		38	69 - 129
4,6-Dinitro-2-methylphenol	ND		61.4	62.3		ug/L		101	64 - 159
4-Bromophenyl phenyl ether	ND		30.7	33.8		ug/L		110	71 - 126
4-Chloro-3-methylphenol	ND		30.7	33.8		ug/L		110	64 - 120
4-Chloroaniline	ND		30.7	ND	F1	ug/L		0	60 - 124
4-Chlorophenyl phenyl ether	ND		30.7	29.8		ug/L		97	48 - 145
4-Methylphenol	ND		30.7	27.8		ug/L		90	36 - 120
4-Nitroaniline	ND		30.7	18.7	F1	ug/L		61	64 - 135
4-Nitrophenol	ND		61.4	40.6		ug/L		66	16 - 120
Acenaphthene	22		30.7	53.3		ug/L		102	60 - 120
Acenaphthylene	0.74	J	30.7	31.6		ug/L		100	63 - 120
Acetophenone	ND		30.7	32.3		ug/L		105	45 - 120
Aniline	400		30.7	312	E 4	ug/L		-303	37 - 120
Anthracene	4.9		30.7	34.9		ug/L		98	58 - 148
Atrazine	ND		30.7	29.7		ug/L		97	56 - 179
Benzaldehyde	ND		30.7	18.0		ug/L		59	30 - 140
Benzo(a)anthracene	2.0	J	30.7	23.8		ug/L		71	55 - 151
Benzo(a)pyrene	1.6	J	30.7	22.3		ug/L		67	60 - 145
Benzo(b)fluoranthene	1.4	J	30.7	23.3		ug/L		71	54 - 140
Benzo(g,h,i)perylene	0.52	J	30.7	14.8	F1	ug/L		47	66 - 152
Benzo(k)fluoranthene	1.1	J	30.7	23.4		ug/L		72	51 - 153
Biphenyl	16		30.7	49.4		ug/L		107	30 - 140

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

Lab Sample ID: 480-56993-6 MS
Matrix: Ground Water
Analysis Batch: 173634

Client Sample ID: BCC Area A EW-5 MS 0414
Prep Type: Total/NA
Prep Batch: 173279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	ND		30.7	30.9		ug/L		101	28 - 136
Bis(2-chloroethoxy)methane	ND		30.7	34.6		ug/L		113	50 - 128
Bis(2-chloroethyl)ether	ND		30.7	470	E F1	ug/L		1529	51 - 120
Bis(2-ethylhexyl) phthalate	ND		30.7	21.5		ug/L		70	53 - 158
Butyl benzyl phthalate	ND		30.7	31.2		ug/L		102	58 - 163
Caprolactam	ND		30.7	12.4		ug/L		40	30 - 140
Carbazole	0.79	J	30.7	33.3		ug/L		106	59 - 148
Chrysene	2.0	J	30.7	25.7		ug/L		77	69 - 140
Dibenz(a,h)anthracene	ND		30.7	15.0	F1	ug/L		49	57 - 158
Dibenzofuran	21		30.7	52.2		ug/L		100	49 - 137
Diethyl phthalate	ND		30.7	35.5		ug/L		115	59 - 146
Dimethyl phthalate	ND		30.7	34.6		ug/L		113	59 - 141
Di-n-butyl phthalate	ND		30.7	33.0		ug/L		107	58 - 149
Di-n-octyl phthalate	ND		30.7	22.5		ug/L		73	55 - 167
Fluoranthene	7.7		30.7	36.3		ug/L		93	55 - 147
Fluorene	16		30.7	47.3		ug/L		102	55 - 143
Hexachlorobenzene	ND	*	30.7	31.0		ug/L		101	38 - 131
Hexachlorobutadiene	ND		30.7	30.7		ug/L		100	14 - 108
Hexachlorocyclopentadiene	ND		30.7	16.2		ug/L		53	13 - 119
Hexachloroethane	ND	*	30.7	32.1	F1	ug/L		105	14 - 101
Indeno(1,2,3-cd)pyrene	0.58	J	30.7	18.9	F1	ug/L		60	69 - 146
Isophorone	ND		30.7	39.6		ug/L		129	48 - 133
Naphthalene	230		30.7	229	E 4	ug/L		-17	35 - 117
Nitrobenzene	ND		30.7	48.5	F1	ug/L		158	45 - 123
N-Nitrosodi-n-propylamine	ND	*	30.7	34.5		ug/L		112	56 - 120
N-Nitrosodiphenylamine	ND		30.7	38.9	F1	ug/L		127	25 - 125
Pentachlorophenol	ND		61.4	55.8		ug/L		91	39 - 136
Phenanthrene	26		30.7	58.6	E	ug/L		108	57 - 147
Phenol	ND		30.7	17.7		ug/L		57	17 - 120
Pyrene	6.5		30.7	38.3		ug/L		103	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*123*		*52 - 132*
2-Fluorobiphenyl	*103*		*48 - 120*
2-Fluorophenol	*74*		*20 - 120*
Nitrobenzene-d5	*115*		*46 - 120*
Phenol-d5	*61*		*16 - 120*
p-Terphenyl-d14	*71*		*67 - 150*

Lab Sample ID: 480-56993-6 MSD
Matrix: Ground Water
Analysis Batch: 173634

Client Sample ID: BCC Area A EW-5 MSD 0414
Prep Type: Total/NA
Prep Batch: 173279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		30.7	28.7		ug/L		94	65 - 126	2	18
2,4,6-Trichlorophenol	ND		30.7	36.1		ug/L		118	64 - 120	2	19
2,4-Dichlorophenol	ND		30.7	36.8		ug/L		120	64 - 120	3	19
2,4-Dimethylphenol	1.9	J	30.7	42.7	F1	ug/L		133	57 - 120	9	42

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

Lab Sample ID: 480-56993-6 MSD
Matrix: Ground Water
Analysis Batch: 173634

Client Sample ID: BCC Area A EW-5 MSD 0414
Prep Type: Total/NA
Prep Batch: 173279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		61.3	40.5		ug/L		66	42 - 153	3	22
2,4-Dinitrotoluene	ND		30.7	32.9		ug/L		107	62 - 148	3	20
2,6-Dinitrotoluene	ND		30.7	34.0		ug/L		111	65 - 154	2	15
2-Chloronaphthalene	ND		30.7	33.6		ug/L		110	41 - 124	4	21
2-Chlorophenol	ND		30.7	30.8		ug/L		100	48 - 120	7	25
2-Methylnaphthalene	94		30.7	121	E	ug/L		87	34 - 122	1	21
2-Methylphenol	ND		30.7	29.3		ug/L		95	39 - 120	4	27
2-Nitroaniline	ND		30.7	35.8		ug/L		117	67 - 136	2	15
2-Nitrophenol	ND		30.7	34.6		ug/L		113	59 - 120	4	18
3,3'-Dichlorobenzidine	ND		30.7	14.5		ug/L		47	33 - 140	13	25
3-Nitroaniline	ND		30.7	9.35	J F1 F2	ug/L		30	69 - 129	22	19
4,6-Dinitro-2-methylphenol	ND		61.3	58.7		ug/L		96	64 - 159	6	15
4-Bromophenyl phenyl ether	ND		30.7	33.5		ug/L		109	71 - 126	1	15
4-Chloro-3-methylphenol	ND		30.7	34.7		ug/L		113	64 - 120	3	27
4-Chloroaniline	ND		30.7	ND	F1	ug/L		0	60 - 124	NC	22
4-Chlorophenyl phenyl ether	ND		30.7	31.1		ug/L		101	48 - 145	4	16
4-Methylphenol	ND		30.7	29.2		ug/L		95	36 - 120	5	24
4-Nitroaniline	ND		30.7	17.8	F1	ug/L		58	64 - 135	5	24
4-Nitrophenol	ND		61.3	18.0	F2	ug/L		29	16 - 120	77	48
Acenaphthene	22		30.7	53.9		ug/L		104	60 - 120	1	24
Acenaphthylene	0.74	J	30.7	32.8		ug/L		104	63 - 120	4	18
Acetophenone	ND		30.7	33.3		ug/L		109	45 - 120	3	20
Aniline	400		30.7	384	E 4	ug/L		-68	37 - 120	21	30
Anthracene	4.9		30.7	37.4		ug/L		106	58 - 148	7	15
Atrazine	ND		30.7	30.5		ug/L		99	56 - 179	3	20
Benzaldehyde	ND		30.7	18.2		ug/L		59	30 - 140	1	20
Benzo(a)anthracene	2.0	J	30.7	24.8		ug/L		74	55 - 151	4	15
Benzo(a)pyrene	1.6	J	30.7	22.4		ug/L		68	60 - 145	0	15
Benzo(b)fluoranthene	1.4	J	30.7	23.5		ug/L		72	54 - 140	1	15
Benzo(g,h,i)perylene	0.52	J	30.7	14.2	F1	ug/L		44	66 - 152	5	15
Benzo(k)fluoranthene	1.1	J	30.7	24.8		ug/L		77	51 - 153	6	22
Biphenyl	16		30.7	50.8		ug/L		112	30 - 140	3	20
bis (2-chloroisopropyl) ether	ND		30.7	32.6		ug/L		106	28 - 136	5	24
Bis(2-chloroethoxy)methane	ND		30.7	36.2		ug/L		118	50 - 128	5	17
Bis(2-chloroethyl)ether	ND		30.7	579	E F1	ug/L		1887	51 - 120	21	21
Bis(2-ethylhexyl) phthalate	ND		30.7	22.2		ug/L		72	53 - 158	3	15
Butyl benzyl phthalate	ND		30.7	32.1		ug/L		105	58 - 163	3	16
Caprolactam	ND		30.7	13.1		ug/L		43	30 - 140	6	20
Carbazole	0.79	J	30.7	32.1		ug/L		102	59 - 148	4	20
Chrysene	2.0	J	30.7	26.8		ug/L		81	69 - 140	4	15
Dibenz(a,h)anthracene	ND		30.7	14.7	F1	ug/L		48	57 - 158	2	15
Dibenzofuran	21		30.7	52.3		ug/L		101	49 - 137	0	15
Diethyl phthalate	ND		30.7	36.4		ug/L		119	59 - 146	3	15
Dimethyl phthalate	ND		30.7	36.2		ug/L		118	59 - 141	5	15
Di-n-butyl phthalate	ND		30.7	32.5		ug/L		106	58 - 149	1	15
Di-n-octyl phthalate	ND		30.7	23.6		ug/L		77	55 - 167	5	16
Fluoranthene	7.7		30.7	35.2		ug/L		90	55 - 147	3	15
Fluorene	16		30.7	47.7		ug/L		104	55 - 143	1	15

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

Lab Sample ID: 480-56993-6 MSD
Matrix: Ground Water
Analysis Batch: 173634

Client Sample ID: BCC Area A EW-5 MSD 0414
Prep Type: Total/NA
Prep Batch: 173279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobenzene	ND	*	30.7	31.3		ug/L		102	38 - 131	1	15
Hexachlorobutadiene	ND		30.7	34.0	F1	ug/L		111	14 - 108	10	44
Hexachlorocyclopentadiene	ND		30.7	11.1		ug/L		36	13 - 119	37	49
Hexachloroethane	ND	*	30.7	34.2	F1	ug/L		112	14 - 101	6	46
Indeno(1,2,3-cd)pyrene	0.58	J	30.7	19.3	F1	ug/L		61	69 - 146	2	15
Isophorone	ND		30.7	41.3	F1	ug/L		135	48 - 133	4	17
Naphthalene	230		30.7	235	E 4	ug/L		3	35 - 117	3	29
Nitrobenzene	ND		30.7	50.7	F1	ug/L		165	45 - 123	4	24
N-Nitrosodi-n-propylamine	ND	*	30.7	36.4		ug/L		119	56 - 120	5	31
N-Nitrosodiphenylamine	ND		30.7	39.1	F1	ug/L		127	25 - 125	0	15
Pentachlorophenol	ND		61.3	56.5		ug/L		92	39 - 136	1	37
Phenanthrene	26		30.7	57.1		ug/L		103	57 - 147	3	15
Phenol	ND		30.7	18.7		ug/L		61	17 - 120	6	34
Pyrene	6.5		30.7	38.1		ug/L		103	58 - 136	0	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*123*		*52 - 132*
2-Fluorobiphenyl	*105*		*48 - 120*
2-Fluorophenol	*76*		*20 - 120*
Nitrobenzene-d5	*121*	*X*	*46 - 120*
Phenol-d5	*66*		*16 - 120*
p-Terphenyl-d14	*70*		*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-173424/1-A
Matrix: Water
Analysis Batch: 174215

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173424

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		04/02/14 09:20	04/05/14 13:47	1
Antimony	ND		0.020	0.0068	mg/L		04/02/14 09:20	04/05/14 13:47	1
Arsenic	ND		0.015	0.0056	mg/L		04/02/14 09:20	04/05/14 13:47	1
Barium	ND		0.0020	0.00070	mg/L		04/02/14 09:20	04/05/14 13:47	1
Beryllium	ND		0.0020	0.00030	mg/L		04/02/14 09:20	04/05/14 13:47	1
Cadmium	ND		0.0020	0.00050	mg/L		04/02/14 09:20	04/05/14 13:47	1
Calcium	ND		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 13:47	1
Chromium	ND		0.0040	0.0010	mg/L		04/02/14 09:20	04/05/14 13:47	1
Cobalt	ND		0.0040	0.00063	mg/L		04/02/14 09:20	04/05/14 13:47	1
Copper	ND		0.010	0.0016	mg/L		04/02/14 09:20	04/05/14 13:47	1
Iron	ND		0.050	0.019	mg/L		04/02/14 09:20	04/05/14 13:47	1
Lead	ND		0.010	0.0030	mg/L		04/02/14 09:20	04/05/14 13:47	1
Magnesium	ND		0.20	0.043	mg/L		04/02/14 09:20	04/05/14 13:47	1
Manganese	ND		0.0030	0.00040	mg/L		04/02/14 09:20	04/05/14 13:47	1
Nickel	ND		0.010	0.0013	mg/L		04/02/14 09:20	04/05/14 13:47	1
Potassium	ND		0.50	0.10	mg/L		04/02/14 09:20	04/05/14 13:47	1
Selenium	ND		0.025	0.0087	mg/L		04/02/14 09:20	04/05/14 13:47	1
Silver	ND		0.0060	0.0017	mg/L		04/02/14 09:20	04/05/14 13:47	1

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

Lab Sample ID: MB 480-173424/1-A
Matrix: Water
Analysis Batch: 174215

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173424

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0	0.32	mg/L		04/02/14 09:20	04/05/14 13:47	1
Thallium	ND		0.020	0.010	mg/L		04/02/14 09:20	04/05/14 13:47	1
Vanadium	ND		0.0050	0.0015	mg/L		04/02/14 09:20	04/05/14 13:47	1
Zinc	ND		0.010	0.0015	mg/L		04/02/14 09:20	04/05/14 13:47	1

Lab Sample ID: LCS 480-173424/2-A
Matrix: Water
Analysis Batch: 174215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	11.75		mg/L		118	80 - 120
Antimony	0.200	0.206		mg/L		103	80 - 120
Arsenic	0.200	0.225		mg/L		112	80 - 120
Barium	0.200	0.235		mg/L		118	80 - 120
Beryllium	0.200	0.219		mg/L		109	80 - 120
Cadmium	0.200	0.214		mg/L		107	80 - 120
Calcium	10.0	11.30		mg/L		113	80 - 120
Chromium	0.200	0.231		mg/L		116	80 - 120
Cobalt	0.200	0.211		mg/L		106	80 - 120
Copper	0.200	0.227		mg/L		114	80 - 120
Iron	10.0	10.61		mg/L		106	80 - 120
Lead	0.200	0.213		mg/L		107	80 - 120
Magnesium	10.0	11.14		mg/L		111	80 - 120
Manganese	0.200	0.219		mg/L		110	80 - 120
Nickel	0.200	0.205		mg/L		102	80 - 120
Potassium	10.0	10.43		mg/L		104	80 - 120
Selenium	0.200	0.219		mg/L		110	80 - 120
Silver	0.0500	0.0560		mg/L		112	80 - 120
Sodium	10.0	11.51		mg/L		115	80 - 120
Thallium	0.200	0.209		mg/L		105	80 - 120
Vanadium	0.200	0.224		mg/L		112	80 - 120
Zinc	0.200	0.222		mg/L		111	80 - 120

Lab Sample ID: 480-56993-6 MS
Matrix: Ground Water
Analysis Batch: 174215

Client Sample ID: BCC Area A EW-5 MS 0414
Prep Type: Total/NA
Prep Batch: 173424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	11.60		mg/L		116	75 - 125
Antimony	ND		0.200	0.209		mg/L		104	75 - 125
Arsenic	0.018		0.200	0.259		mg/L		121	75 - 125
Barium	0.090		0.200	0.307		mg/L		109	75 - 125
Beryllium	ND		0.200	0.210		mg/L		105	75 - 125
Cadmium	ND		0.200	0.224		mg/L		112	75 - 125
Calcium	340		10.0	357.7	4	mg/L		177	75 - 125
Chromium	0.0016	J	0.200	0.228		mg/L		113	75 - 125
Cobalt	0.0016	J	0.200	0.224		mg/L		111	75 - 125
Copper	0.036		0.200	0.285		mg/L		124	75 - 125
Iron	28.5		10.0	38.21		mg/L		97	75 - 125

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

Lab Sample ID: 480-56993-6 MS
Matrix: Ground Water
Analysis Batch: 174215

Client Sample ID: BCC Area A EW-5 MS 0414
Prep Type: Total/NA
Prep Batch: 173424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		0.200	0.220		mg/L		110	75 - 125
Magnesium	61.6		10.0	71.54	4	mg/L		100	75 - 125
Manganese	4.2		0.200	4.34	4	mg/L		66	75 - 125
Nickel	0.0031	J	0.200	0.217		mg/L		107	75 - 125
Potassium	64.1		10.0	73.57	4	mg/L		94	75 - 125
Selenium	ND		0.200	0.235		mg/L		117	75 - 125
Silver	ND		0.0500	0.0599		mg/L		120	75 - 125
Sodium	889		10.0	886.4	4	mg/L		-28	75 - 125
Thallium	ND		0.200	0.201		mg/L		100	75 - 125
Vanadium	ND		0.200	0.226		mg/L		113	75 - 125
Zinc	0.041		0.200	0.283		mg/L		121	75 - 125

Lab Sample ID: 480-56993-6 MSD
Matrix: Ground Water
Analysis Batch: 174215

Client Sample ID: BCC Area A EW-5 MSD 0414
Prep Type: Total/NA
Prep Batch: 173424

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	11.16		mg/L		112	75 - 125	4	20
Antimony	ND		0.200	0.204		mg/L		102	75 - 125	2	20
Arsenic	0.018		0.200	0.250		mg/L		116	75 - 125	4	20
Barium	0.090		0.200	0.297		mg/L		104	75 - 125	3	20
Beryllium	ND		0.200	0.203		mg/L		102	75 - 125	3	20
Cadmium	ND		0.200	0.219		mg/L		109	75 - 125	2	20
Calcium	340		10.0	332.8	4	mg/L		-73	75 - 125	7	20
Chromium	0.0016	J	0.200	0.218		mg/L		108	75 - 125	4	20
Cobalt	0.0016	J	0.200	0.216		mg/L		107	75 - 125	4	20
Copper	0.036		0.200	0.257		mg/L		111	75 - 125	10	20
Iron	28.5		10.0	36.50		mg/L		80	75 - 125	5	20
Lead	ND		0.200	0.215		mg/L		108	75 - 125	2	20
Magnesium	61.6		10.0	67.80	4	mg/L		62	75 - 125	5	20
Manganese	4.2		0.200	4.14	4	mg/L		-36	75 - 125	5	20
Nickel	0.0031	J	0.200	0.208		mg/L		103	75 - 125	4	20
Potassium	64.1		10.0	70.94	4	mg/L		68	75 - 125	4	20
Selenium	ND		0.200	0.232		mg/L		116	75 - 125	1	20
Silver	ND		0.0500	0.0583		mg/L		117	75 - 125	3	20
Sodium	889		10.0	850.3	4	mg/L		-389	75 - 125	4	20
Thallium	ND		0.200	0.194		mg/L		97	75 - 125	3	20
Vanadium	ND		0.200	0.218		mg/L		109	75 - 125	4	20
Zinc	0.041		0.200	0.244		mg/L		101	75 - 125	15	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-173569/1-A
Matrix: Water
Analysis Batch: 173696

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/14 10:35	04/03/14 13:32	1

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

Lab Sample ID: LCS 480-173569/2-A
Matrix: Water
Analysis Batch: 173696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173569

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00693		mg/L		104	80 - 120		

Lab Sample ID: 480-56993-6 MS
Matrix: Ground Water
Analysis Batch: 173696

Client Sample ID: BCC Area A EW-5 MS 0414
Prep Type: Total/NA
Prep Batch: 173569

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.00667	0.00695		mg/L		104	75 - 125		

Lab Sample ID: 480-56993-6 MSD
Matrix: Ground Water
Analysis Batch: 173696

Client Sample ID: BCC Area A EW-5 MSD 0414
Prep Type: Total/NA
Prep Batch: 173569

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00672		mg/L		101	75 - 125	3	20

GC/MS VOA

Analysis Batch: 173843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1	BCC Area A EW-5 D 0414	Total/NA	Ground Water	8260C	
480-56993-2	BCC Area A EW-1 0414	Total/NA	Ground Water	8260C	
480-56993-6	BCC Area A EW-5 0414	Total/NA	Ground Water	8260C	
480-56993-6 MS	BCC Area A EW-5 MS 0414	Total/NA	Ground Water	8260C	
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	Total/NA	Ground Water	8260C	
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	8260C	
LCS 480-173843/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173843/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 174016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-2 - DL	BCC Area A EW-1 0414	Total/NA	Ground Water	8260C	
480-56993-3	BCC Area A EW-2 0414	Total/NA	Ground Water	8260C	
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	8260C	
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	8260C	
480-56993-8 - DL	BCC Area A RFI-26 0414	Total/NA	Ground Water	8260C	
480-56993-9	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-174016/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-174016/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 174114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-4	BCC Area A EW-3A 0414	Total/NA	Ground Water	8260C	
LCS 480-174114/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-174114/8	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 173279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1 - DL	BCC Area A EW-5 D 0414	Total/NA	Ground Water	3510C	
480-56993-1	BCC Area A EW-5 D 0414	Total/NA	Ground Water	3510C	
480-56993-2	BCC Area A EW-1 0414	Total/NA	Ground Water	3510C	
480-56993-2 - DL	BCC Area A EW-1 0414	Total/NA	Ground Water	3510C	
480-56993-3 - DL	BCC Area A EW-2 0414	Total/NA	Ground Water	3510C	
480-56993-3	BCC Area A EW-2 0414	Total/NA	Ground Water	3510C	
480-56993-4	BCC Area A EW-3A 0414	Total/NA	Ground Water	3510C	
480-56993-4 - DL	BCC Area A EW-3A 0414	Total/NA	Ground Water	3510C	
480-56993-5 - DL	BCC Area A EW-4 0414	Total/NA	Ground Water	3510C	
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	3510C	
480-56993-6 - DL	BCC Area A EW-5 0414	Total/NA	Ground Water	3510C	
480-56993-6	BCC Area A EW-5 0414	Total/NA	Ground Water	3510C	
480-56993-6 MS	BCC Area A EW-5 MS 0414	Total/NA	Ground Water	3510C	
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	Total/NA	Ground Water	3510C	
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	3510C	
480-56993-7 - DL	BCC Area A ICM-101 0414	Total/NA	Ground Water	3510C	
480-56993-8 - DL	BCC Area A RFI-26 0414	Total/NA	Ground Water	3510C	
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	3510C	
LCS 480-173279/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-173279/1-A	Method Blank	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Analysis Batch: 173634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1	BCC Area A EW-5 D 0414	Total/NA	Ground Water	8270D	173279
480-56993-2	BCC Area A EW-1 0414	Total/NA	Ground Water	8270D	173279
480-56993-3	BCC Area A EW-2 0414	Total/NA	Ground Water	8270D	173279
480-56993-6 MS	BCC Area A EW-5 MS 0414	Total/NA	Ground Water	8270D	173279
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	Total/NA	Ground Water	8270D	173279
LCS 480-173279/2-A	Lab Control Sample	Total/NA	Water	8270D	173279
MB 480-173279/1-A	Method Blank	Total/NA	Water	8270D	173279

Analysis Batch: 173801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1 - DL	BCC Area A EW-5 D 0414	Total/NA	Ground Water	8270D	173279
480-56993-2 - DL	BCC Area A EW-1 0414	Total/NA	Ground Water	8270D	173279
480-56993-3 - DL	BCC Area A EW-2 0414	Total/NA	Ground Water	8270D	173279
480-56993-4	BCC Area A EW-3A 0414	Total/NA	Ground Water	8270D	173279
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	8270D	173279
480-56993-5 - DL	BCC Area A EW-4 0414	Total/NA	Ground Water	8270D	173279
480-56993-6	BCC Area A EW-5 0414	Total/NA	Ground Water	8270D	173279
480-56993-6 - DL	BCC Area A EW-5 0414	Total/NA	Ground Water	8270D	173279
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	8270D	173279
480-56993-7 - DL	BCC Area A ICM-101 0414	Total/NA	Ground Water	8270D	173279
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	8270D	173279
480-56993-8 - DL	BCC Area A RFI-26 0414	Total/NA	Ground Water	8270D	173279

Analysis Batch: 174208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-4 - DL	BCC Area A EW-3A 0414	Total/NA	Ground Water	8270D	173279

Metals

Prep Batch: 173424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1	BCC Area A EW-5 D 0414	Total/NA	Ground Water	3005A	
480-56993-2	BCC Area A EW-1 0414	Total/NA	Ground Water	3005A	
480-56993-3	BCC Area A EW-2 0414	Total/NA	Ground Water	3005A	
480-56993-4	BCC Area A EW-3A 0414	Total/NA	Ground Water	3005A	
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	3005A	
480-56993-6	BCC Area A EW-5 0414	Total/NA	Ground Water	3005A	
480-56993-6 MS	BCC Area A EW-5 MS 0414	Total/NA	Ground Water	3005A	
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	Total/NA	Ground Water	3005A	
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	3005A	
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	3005A	
480-56993-10	BCC Area AICM-101F 0414	Total/NA	Ground Water	3005A	
LCS 480-173424/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-173424/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 173569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1	BCC Area A EW-5 D 0414	Total/NA	Ground Water	7470A	
480-56993-2	BCC Area A EW-1 0414	Total/NA	Ground Water	7470A	
480-56993-3	BCC Area A EW-2 0414	Total/NA	Ground Water	7470A	

Metals (Continued)

Prep Batch: 173569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-4	BCC Area A EW-3A 0414	Total/NA	Ground Water	7470A	
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	7470A	
480-56993-6	BCC Area A EW-5 0414	Total/NA	Ground Water	7470A	
480-56993-6 MS	BCC Area A EW-5 MS 0414	Total/NA	Ground Water	7470A	
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	Total/NA	Ground Water	7470A	
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	7470A	
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	7470A	
480-56993-10	BCC Area AICM-101F 0414	Total/NA	Ground Water	7470A	
LCS 480-173569/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-173569/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 173696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1	BCC Area A EW-5 D 0414	Total/NA	Ground Water	7470A	173569
480-56993-2	BCC Area A EW-1 0414	Total/NA	Ground Water	7470A	173569
480-56993-3	BCC Area A EW-2 0414	Total/NA	Ground Water	7470A	173569
480-56993-4	BCC Area A EW-3A 0414	Total/NA	Ground Water	7470A	173569
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	7470A	173569
480-56993-6	BCC Area A EW-5 0414	Total/NA	Ground Water	7470A	173569
480-56993-6 MS	BCC Area A EW-5 MS 0414	Total/NA	Ground Water	7470A	173569
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	Total/NA	Ground Water	7470A	173569
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	7470A	173569
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	7470A	173569
480-56993-10	BCC Area AICM-101F 0414	Total/NA	Ground Water	7470A	173569
LCS 480-173569/2-A	Lab Control Sample	Total/NA	Water	7470A	173569
MB 480-173569/1-A	Method Blank	Total/NA	Water	7470A	173569

Analysis Batch: 174215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-1	BCC Area A EW-5 D 0414	Total/NA	Ground Water	6010C	173424
480-56993-2	BCC Area A EW-1 0414	Total/NA	Ground Water	6010C	173424
480-56993-3	BCC Area A EW-2 0414	Total/NA	Ground Water	6010C	173424
480-56993-4	BCC Area A EW-3A 0414	Total/NA	Ground Water	6010C	173424
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	6010C	173424
480-56993-6	BCC Area A EW-5 0414	Total/NA	Ground Water	6010C	173424
480-56993-6 MS	BCC Area A EW-5 MS 0414	Total/NA	Ground Water	6010C	173424
480-56993-6 MSD	BCC Area A EW-5 MSD 0414	Total/NA	Ground Water	6010C	173424
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	6010C	173424
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	6010C	173424
480-56993-10	BCC Area AICM-101F 0414	Total/NA	Ground Water	6010C	173424
LCS 480-173424/2-A	Lab Control Sample	Total/NA	Water	6010C	173424
MB 480-173424/1-A	Method Blank	Total/NA	Water	6010C	173424

Analysis Batch: 175139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-8	BCC Area A RFI-26 0414	Total/NA	Ground Water	6010C	173424

Analysis Batch: 177695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-5	BCC Area A EW-4 0414	Total/NA	Ground Water	6010C	173424
480-56993-7	BCC Area A ICM-101 0414	Total/NA	Ground Water	6010C	173424

Metals (Continued)

Analysis Batch: 177695 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56993-10	BCC Area AICM-101F 0414	Total/NA	Ground Water	6010C	173424

Client Sample ID: BCC Area A EW-5 D 0414

Lab Sample ID: 480-56993-1

Date Collected: 04/01/14 13:15

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	173843	04/04/14 15:57	CDC	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173634	04/04/14 04:14	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	20	173801	04/04/14 09:20	KAC	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 14:00	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 13:42	LRK	TAL BUF

Client Sample ID: BCC Area A EW-1 0414

Lab Sample ID: 480-56993-2

Date Collected: 04/01/14 12:00

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	173843	04/04/14 16:21	CDC	TAL BUF
Total/NA	Analysis	8260C	DL	500	174016	04/05/14 00:36	NMD1	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173634	04/04/14 04:38	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	20	173801	04/04/14 09:44	KAC	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 14:03	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 13:44	LRK	TAL BUF

Client Sample ID: BCC Area A EW-2 0414

Lab Sample ID: 480-56993-3

Date Collected: 04/01/14 12:15

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	174016	04/05/14 01:00	NMD1	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173634	04/04/14 05:02	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	10	173801	04/04/14 10:08	KAC	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 14:06	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 13:46	LRK	TAL BUF

Client Sample ID: BCC Area A EW-3A 0414

Lab Sample ID: 480-56993-4

Date Collected: 04/01/14 12:30

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	174114	04/07/14 06:28	TRB	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173801	04/04/14 10:32	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	10	174208	04/07/14 18:14	AR1	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 14:09	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 13:47	LRK	TAL BUF

Client Sample ID: BCC Area A EW-4 0414

Lab Sample ID: 480-56993-5

Date Collected: 04/01/14 12:45

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	174016	04/05/14 01:48	NMD1	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173801	04/04/14 10:56	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	100	173801	04/04/14 14:00	KAC	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 15:19	LMH	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	177695	04/10/14 16:42	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 14:08	LRK	TAL BUF

Client Sample ID: BCC Area A EW-5 0414

Lab Sample ID: 480-56993-6

Date Collected: 04/01/14 13:00

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	173843	04/04/14 17:55	CDC	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173801	04/04/14 11:20	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	20	173801	04/04/14 15:38	KAC	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 14:12	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 13:52	LRK	TAL BUF

Client Sample ID: BCC Area A ICM-101 0414

Lab Sample ID: 480-56993-7

Date Collected: 04/01/14 09:30

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	174016	04/05/14 02:12	NMD1	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173801	04/04/14 11:45	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	10	173801	04/04/14 14:48	KAC	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 15:16	LMH	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	177695	04/10/14 16:40	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 14:06	LRK	TAL BUF

Client Sample ID: BCC Area A RFI-26 0414

Lab Sample ID: 480-56993-8

Date Collected: 04/01/14 11:00

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		40	173843	04/04/14 19:31	CDC	TAL BUF
Total/NA	Analysis	8260C	DL	200	174016	04/05/14 02:36	NMD1	TAL BUF
Total/NA	Prep	3510C			173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	173801	04/04/14 12:09	KAC	TAL BUF
Total/NA	Prep	3510C	DL		173279	04/02/14 06:10	MCZ	TAL BUF
Total/NA	Analysis	8270D	DL	20	173801	04/04/14 15:13	KAC	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	174215	04/05/14 14:34	LMH	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	175139	04/10/14 15:40	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 14:00	LRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-56993-9

Date Collected: 04/01/14 00:00

Matrix: Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	174016	04/05/14 03:00	NMD1	TAL BUF

Client Sample ID: BCC Area AICM-101F 0414

Lab Sample ID: 480-56993-10

Date Collected: 04/01/14 09:50

Matrix: Ground Water

Date Received: 04/01/14 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Client Sample ID: BCC Area AICM-101F 0414
Date Collected: 04/01/14 09:50
Date Received: 04/01/14 16:05

Lab Sample ID: 480-56993-10
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	174215	04/05/14 15:13	LMH	TAL BUF
Total/NA	Prep	3005A			173424	04/02/14 09:20	EHD	TAL BUF
Total/NA	Analysis	6010C		1	177695	04/10/14 16:37	LMH	TAL BUF
Total/NA	Prep	7470A			173569	04/03/14 10:35	EHD	TAL BUF
Total/NA	Analysis	7470A		1	173696	04/03/14 14:05	LRK	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Wells

TestAmerica Job ID: 480-56993-1

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: 480-56993-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56993-1	BCC Area A EW-5 D 0414	Ground Water	04/01/14 13:15	04/01/14 16:05
480-56993-2	BCC Area A EW-1 0414	Ground Water	04/01/14 12:00	04/01/14 16:05
480-56993-3	BCC Area A EW-2 0414	Ground Water	04/01/14 12:15	04/01/14 16:05
480-56993-4	BCC Area A EW-3A 0414	Ground Water	04/01/14 12:30	04/01/14 16:05
480-56993-5	BCC Area A EW-4 0414	Ground Water	04/01/14 12:45	04/01/14 16:05
480-56993-6	BCC Area A EW-5 0414	Ground Water	04/01/14 13:00	04/01/14 16:05
480-56993-7	BCC Area A ICM-101 0414	Ground Water	04/01/14 09:30	04/01/14 16:05
480-56993-8	BCC Area A RFI-26 0414	Ground Water	04/01/14 11:00	04/01/14 16:05
480-56993-9	TRIP BLANK	Water	04/01/14 00:00	04/01/14 16:05
480-56993-10	BCC Area AICM-101F 0414	Ground Water	04/01/14 09:50	04/01/14 16:05

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

480-56993 Chain of Custody

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 4-1-14	COC No: 269232.0414
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area A Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine																	Sample Specific Notes:
BCC_Area A_ICM-101_ 0414	4/1/14	0930	G	W	6	N	3	1	2																	
BCC_Area A_RFI-26_ 0414	4/1/14	1100	G	W	6	N	3	1	2																	
BCC_Area A_EW-1_ 0414		1200	G	W	6	N	3	1	2																	
BCC_Area A_EW-2_ 0414		1215	G	W	6	N	3	1	2																	
BCC_Area A_EW-3A_ 0414		1230	G	W	6	N	3	1	2																	
BCC_Area A_EW-4_ 0414		1245	G	W	6	N	3	1	2																	
BCC_Area A_EW-5_ 0414		1300	G	W	6	N	3	1	2																	
BCC_Area A_EW-5 D_ 0414		1315	G	W	6	N	3	1	2																	
BCC_Area A_EW-5 MS_ 0414		1330	G	W	6	N	3	1	2																	
BCC_Area A_EW-5 MSD_ 0414		1400	G	W	6	N	3	1	2																	
Trip Blank	N/A	N/A	N/A	N/A	2		2																			
Container Volume (ml)							40	250	1000	125																
Preservation: 1=Ice 2=HCl (Hydrochloric) 3=H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A																	

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	4/1/14 1605		TAB	4-1-14 1605
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#2 3.8, 3.5

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-56993-1

Login Number: 56993

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

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

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: 480-56841-1
Client Project/Site: 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:
4/4/2014 11:56:45 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

Glossary

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

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Job ID: 480-56841-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-56841-1

Comments
No additional comments.

Receipt
The samples were received on 3/28/2014 12:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

Except:

Sample COC and ID labels listed date of collection of 03/29/14. Samples were recieved and logged by lab on 3/28/14. Date of relinquishment by client was 3/28/14. Date of 3/28/14 was used for login.

GC/MS VOA
Method(s) 8260C: The method blank for batch 173620 contained Toluene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 173429 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-173429/4), (CCVIS 480-173429/3).

Method(s) 8270D: The method blank for batch 173059 contained Butyl benzyl phthalate and Di-n-butyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8270D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 173059 recovered outside control limits for the multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 173059 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270D: The matrix spike duplicate (MSD) precision for batch 173059 was outside control limits.

No other analytical or quality issues were noted.

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: BCC_Area A_DMH-A3_0314 — Lab Sample ID: 480-56841-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.6	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	1.7		1.0	0.75	ug/L	1		8260C	Total/NA
Butyl benzyl phthalate	0.42	J B	4.8	0.40	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.35	J B	4.8	0.30	ug/L	1		8270D	Total/NA

Client Sample ID: BCC_Area A_DMH-A3D_0314 — Lab Sample ID: 480-56841-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.4	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	3.1		1.0	0.75	ug/L	1		8260C	Total/NA
Butyl benzyl phthalate	0.41	J B	4.8	0.40	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.31	J B	4.8	0.30	ug/L	1		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-56841-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: BCC_Area A_DMH-A3_0314
Date Collected: 03/28/14 11:00
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 17:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/03/14 17:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 17:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 17:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 17:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/03/14 17:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/03/14 17:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/03/14 17:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/03/14 17:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 17:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 17:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/03/14 17:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/03/14 17:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 17:31	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 17:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 17:31	1
Acetone	**3.6**	**J**	10	3.0	ug/L			04/03/14 17:31	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 17:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 17:31	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 17:31	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 17:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 17:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 17:31	1
Chlorobenzene	**1.7**		1.0	0.75	ug/L			04/03/14 17:31	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/14 17:31	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 17:31	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/14 17:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/03/14 17:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 17:31	1
Cyclohexane	ND		1.0	0.18	ug/L			04/03/14 17:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 17:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/03/14 17:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 17:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/03/14 17:31	1
Methyl acetate	ND		2.5	0.50	ug/L			04/03/14 17:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/03/14 17:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/03/14 17:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 17:31	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 17:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 17:31	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 17:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/03/14 17:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 17:31	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 17:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/03/14 17:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 17:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 17:31	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: BCC_Area A_DMH-A3_0314
Date Collected: 03/28/14 11:00
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/03/14 17:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/03/14 17:31*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*04/03/14 17:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 21:17	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		04/01/14 07:37	04/02/14 21:17	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 21:17	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		04/01/14 07:37	04/02/14 21:17	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		04/01/14 07:37	04/02/14 21:17	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 21:17	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:17	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/01/14 07:37	04/02/14 21:17	1
2-Chlorophenol	ND		4.8	0.51	ug/L		04/01/14 07:37	04/02/14 21:17	1
2-Methylnaphthalene	ND	*	4.8	0.57	ug/L		04/01/14 07:37	04/02/14 21:17	1
2-Methylphenol	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:17	1
2-Nitroaniline	ND		9.6	0.40	ug/L		04/01/14 07:37	04/02/14 21:17	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 21:17	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:17	1
3-Nitroaniline	ND		9.6	0.46	ug/L		04/01/14 07:37	04/02/14 21:17	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		04/01/14 07:37	04/02/14 21:17	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 21:17	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 21:17	1
4-Chloroaniline	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 21:17	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:17	1
4-Methylphenol	ND		9.6	0.34	ug/L		04/01/14 07:37	04/02/14 21:17	1
4-Nitroaniline	ND		9.6	0.24	ug/L		04/01/14 07:37	04/02/14 21:17	1
4-Nitrophenol	ND		9.6	1.5	ug/L		04/01/14 07:37	04/02/14 21:17	1
Acenaphthene	ND		4.8	0.39	ug/L		04/01/14 07:37	04/02/14 21:17	1
Acenaphthylene	ND		4.8	0.36	ug/L		04/01/14 07:37	04/02/14 21:17	1
Acetophenone	ND		4.8	0.52	ug/L		04/01/14 07:37	04/02/14 21:17	1
Aniline	ND		9.6	0.58	ug/L		04/01/14 07:37	04/02/14 21:17	1
Anthracene	ND		4.8	0.27	ug/L		04/01/14 07:37	04/02/14 21:17	1
Atrazine	ND		4.8	0.44	ug/L		04/01/14 07:37	04/02/14 21:17	1
Benzaldehyde	ND		4.8	0.26	ug/L		04/01/14 07:37	04/02/14 21:17	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 21:17	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 21:17	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:17	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:17	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		04/01/14 07:37	04/02/14 21:17	1
Biphenyl	ND		4.8	0.62	ug/L		04/01/14 07:37	04/02/14 21:17	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/01/14 07:37	04/02/14 21:17	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:17	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:17	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/01/14 07:37	04/02/14 21:17	1
Butyl benzyl phthalate	**0.42**	**J B**	4.8	0.40	ug/L		04/01/14 07:37	04/02/14 21:17	1
Caprolactam	ND		4.8	2.1	ug/L		04/01/14 07:37	04/02/14 21:17	1
Carbazole	ND		4.8	0.29	ug/L		04/01/14 07:37	04/02/14 21:17	1
Chrysene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 21:17	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: BCC_Area A_DMH-A3_0314
Date Collected: 03/28/14 11:00
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/01/14 07:37	04/02/14 21:17	1
Dibenzofuran	ND		9.6	0.49	ug/L		04/01/14 07:37	04/02/14 21:17	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/01/14 07:37	04/02/14 21:17	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 21:17	1
Di-n-butyl phthalate	**0.35**	**J B**	4.8	0.30	ug/L		04/01/14 07:37	04/02/14 21:17	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 21:17	1
Fluoranthene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:17	1
Fluorene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 21:17	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/01/14 07:37	04/02/14 21:17	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/01/14 07:37	04/02/14 21:17	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 21:17	1
Hexachloroethane	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 21:17	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 21:17	1
Isophorone	ND		4.8	0.41	ug/L		04/01/14 07:37	04/02/14 21:17	1
Naphthalene	ND		4.8	0.73	ug/L		04/01/14 07:37	04/02/14 21:17	1
Nitrobenzene	ND	*	4.8	0.28	ug/L		04/01/14 07:37	04/02/14 21:17	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		04/01/14 07:37	04/02/14 21:17	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 21:17	1
Pentachlorophenol	ND		9.6	2.1	ug/L		04/01/14 07:37	04/02/14 21:17	1
Phenanthrene	ND		4.8	0.42	ug/L		04/01/14 07:37	04/02/14 21:17	1
Phenol	ND		4.8	0.37	ug/L		04/01/14 07:37	04/02/14 21:17	1
Pyrene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 132*	*04/01/14 07:37*	*04/02/14 21:17*	*1*
2-Fluorobiphenyl	*83*		*48 - 120*	*04/01/14 07:37*	*04/02/14 21:17*	*1*
2-Fluorophenol	*54*		*20 - 120*	*04/01/14 07:37*	*04/02/14 21:17*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*04/01/14 07:37*	*04/02/14 21:17*	*1*
Phenol-d5	*36*		*16 - 120*	*04/01/14 07:37*	*04/02/14 21:17*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*04/01/14 07:37*	*04/02/14 21:17*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: BCC_Area A_DMH-A3D_0314
Date Collected: 03/28/14 11:10
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 17:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 17:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/03/14 17:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 17:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 17:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 17:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/03/14 17:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/03/14 17:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/03/14 17:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/03/14 17:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 17:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 17:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/03/14 17:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/03/14 17:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 17:54	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 17:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 17:54	1
Acetone	**8.4**	**J**	10	3.0	ug/L			04/03/14 17:54	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 17:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 17:54	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 17:54	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 17:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 17:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 17:54	1
Chlorobenzene	**3.1**		1.0	0.75	ug/L			04/03/14 17:54	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/14 17:54	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 17:54	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/14 17:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/03/14 17:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 17:54	1
Cyclohexane	ND		1.0	0.18	ug/L			04/03/14 17:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 17:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/03/14 17:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 17:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/03/14 17:54	1
Methyl acetate	ND		2.5	0.50	ug/L			04/03/14 17:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/03/14 17:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/03/14 17:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 17:54	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 17:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 17:54	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 17:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/03/14 17:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 17:54	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 17:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/03/14 17:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 17:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 17:54	1

Client Sample ID: BCC_Area A_DMH-A3D_0314
Date Collected: 03/28/14 11:10
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-2
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*04/03/14 17:54*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*04/03/14 17:54*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*04/03/14 17:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 21:40	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		04/01/14 07:37	04/02/14 21:40	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 21:40	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		04/01/14 07:37	04/02/14 21:40	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 21:40	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 21:40	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:40	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/01/14 07:37	04/02/14 21:40	1
2-Chlorophenol	ND		4.8	0.50	ug/L		04/01/14 07:37	04/02/14 21:40	1
2-Methylnaphthalene	ND	*	4.8	0.57	ug/L		04/01/14 07:37	04/02/14 21:40	1
2-Methylphenol	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:40	1
2-Nitroaniline	ND		9.5	0.40	ug/L		04/01/14 07:37	04/02/14 21:40	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 21:40	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:40	1
3-Nitroaniline	ND		9.5	0.46	ug/L		04/01/14 07:37	04/02/14 21:40	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 21:40	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 21:40	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 21:40	1
4-Chloroaniline	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 21:40	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:40	1
4-Methylphenol	ND		9.5	0.34	ug/L		04/01/14 07:37	04/02/14 21:40	1
4-Nitroaniline	ND		9.5	0.24	ug/L		04/01/14 07:37	04/02/14 21:40	1
4-Nitrophenol	ND		9.5	1.4	ug/L		04/01/14 07:37	04/02/14 21:40	1
Acenaphthene	ND		4.8	0.39	ug/L		04/01/14 07:37	04/02/14 21:40	1
Acenaphthylene	ND		4.8	0.36	ug/L		04/01/14 07:37	04/02/14 21:40	1
Acetophenone	ND		4.8	0.51	ug/L		04/01/14 07:37	04/02/14 21:40	1
Aniline	ND		9.5	0.58	ug/L		04/01/14 07:37	04/02/14 21:40	1
Anthracene	ND		4.8	0.27	ug/L		04/01/14 07:37	04/02/14 21:40	1
Atrazine	ND		4.8	0.44	ug/L		04/01/14 07:37	04/02/14 21:40	1
Benzaldehyde	ND		4.8	0.25	ug/L		04/01/14 07:37	04/02/14 21:40	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 21:40	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 21:40	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 21:40	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:40	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		04/01/14 07:37	04/02/14 21:40	1
Biphenyl	ND		4.8	0.62	ug/L		04/01/14 07:37	04/02/14 21:40	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/01/14 07:37	04/02/14 21:40	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 21:40	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:40	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/01/14 07:37	04/02/14 21:40	1
Butyl benzyl phthalate	**0.41**	**J B**	4.8	0.40	ug/L		04/01/14 07:37	04/02/14 21:40	1
Caprolactam	ND		4.8	2.1	ug/L		04/01/14 07:37	04/02/14 21:40	1
Carbazole	ND		4.8	0.29	ug/L		04/01/14 07:37	04/02/14 21:40	1
Chrysene	ND		4.8	0.31	ug/L		04/01/14 07:37	04/02/14 21:40	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: BCC_Area A_DMH-A3D_0314
Date Collected: 03/28/14 11:10
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/01/14 07:37	04/02/14 21:40	1
Dibenzofuran	ND		9.5	0.49	ug/L		04/01/14 07:37	04/02/14 21:40	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/01/14 07:37	04/02/14 21:40	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 21:40	1
Di-n-butyl phthalate	**0.31**	**J B**	4.8	0.30	ug/L		04/01/14 07:37	04/02/14 21:40	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 21:40	1
Fluoranthene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 21:40	1
Fluorene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 21:40	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/01/14 07:37	04/02/14 21:40	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/01/14 07:37	04/02/14 21:40	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 21:40	1
Hexachloroethane	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 21:40	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 21:40	1
Isophorone	ND		4.8	0.41	ug/L		04/01/14 07:37	04/02/14 21:40	1
Naphthalene	ND		4.8	0.72	ug/L		04/01/14 07:37	04/02/14 21:40	1
Nitrobenzene	ND	*	4.8	0.28	ug/L		04/01/14 07:37	04/02/14 21:40	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		04/01/14 07:37	04/02/14 21:40	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 21:40	1
Pentachlorophenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 21:40	1
Phenanthrene	ND		4.8	0.42	ug/L		04/01/14 07:37	04/02/14 21:40	1
Phenol	ND		4.8	0.37	ug/L		04/01/14 07:37	04/02/14 21:40	1
Pyrene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*52 - 132*	*04/01/14 07:37*	*04/02/14 21:40*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*04/01/14 07:37*	*04/02/14 21:40*	*1*
2-Fluorophenol	*55*		*20 - 120*	*04/01/14 07:37*	*04/02/14 21:40*	*1*
Nitrobenzene-d5	*84*		*46 - 120*	*04/01/14 07:37*	*04/02/14 21:40*	*1*
Phenol-d5	*36*		*16 - 120*	*04/01/14 07:37*	*04/02/14 21:40*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*04/01/14 07:37*	*04/02/14 21:40*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: TRIP BLANK
Date Collected: 03/28/14 00:00
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 18:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/03/14 18:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 18:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 18:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 18:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/03/14 18:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/03/14 18:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/03/14 18:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/03/14 18:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 18:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 18:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/03/14 18:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/03/14 18:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 18:17	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 18:17	1
Acetone	ND		10	3.0	ug/L			04/03/14 18:17	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 18:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 18:17	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 18:17	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 18:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 18:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 18:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 18:17	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/14 18:17	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 18:17	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/14 18:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/03/14 18:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 18:17	1
Cyclohexane	ND		1.0	0.18	ug/L			04/03/14 18:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 18:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/03/14 18:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 18:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/03/14 18:17	1
Methyl acetate	ND		2.5	0.50	ug/L			04/03/14 18:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/03/14 18:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/03/14 18:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 18:17	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 18:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 18:17	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 18:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/03/14 18:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 18:17	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 18:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/03/14 18:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 18:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 18:17	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: TRIP BLANK
Date Collected: 03/28/14 00:00
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56841-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		04/03/14 18:17	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/03/14 18:17	1
Toluene-d8 (Surr)	103		71 - 126		04/03/14 18:17	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-56841-1	BCC_Area A_DMH-A3_0314	103	98	99
480-56841-1 MS	BCC_Area A_DMH-A3 MS_0314	105	103	105
480-56841-1 MSD	BCC_Area A_DMH-A3 MSD_0314	103	99	100
480-56841-2	BCC_Area A_DMH-A3D_0314	110	102	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-56841-3	TRIP BLANK	104	103	103
LCS 480-173620/6	Lab Control Sample	104	100	99
MB 480-173620/8	Method Blank	103	99	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-56841-1	BCC_Area A_DMH-A3_0314	89	83	54	85	36	86
480-56841-1 MS	BCC_Area A_DMH-A3 MS_0314	109	97	66	99	59	84
480-56841-1 MSD	BCC_Area A_DMH-A3 MSD_0314	109	95	68	97	60	87
480-56841-2	BCC_Area A_DMH-A3D_0314	96	87	55	84	36	92

Surrogate Legend

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

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)		
LCS 480-173059/2-A	Lab Control Sample	116	96	73	99	66	110		
MB 480-173059/1-A	Method Blank	89	81	51	85	34	103		

Surrogate Legend

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

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

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

Lab Sample ID: MB 480-173620/8
Matrix: Water
Analysis Batch: 173620

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 14:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 14:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/03/14 14:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 14:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 14:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 14:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/03/14 14:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/03/14 14:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/03/14 14:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/03/14 14:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 14:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 14:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/03/14 14:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/03/14 14:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 14:26	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 14:26	1
Acetone	ND		10	3.0	ug/L			04/03/14 14:26	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 14:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 14:26	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 14:26	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 14:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 14:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 14:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 14:26	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/14 14:26	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 14:26	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/14 14:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/03/14 14:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 14:26	1
Cyclohexane	ND		1.0	0.18	ug/L			04/03/14 14:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 14:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/03/14 14:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 14:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/03/14 14:26	1
Methyl acetate	ND		2.5	0.50	ug/L			04/03/14 14:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/03/14 14:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/03/14 14:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 14:26	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 14:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 14:26	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 14:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/03/14 14:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 14:26	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 14:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/03/14 14:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 14:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 14:26	1

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

Lab Sample ID: MB 480-173620/8
Matrix: Water
Analysis Batch: 173620

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		04/03/14 14:26	1
4-Bromofluorobenzene (Surr)	99		73 - 120		04/03/14 14:26	1
Toluene-d8 (Surr)	101		71 - 126		04/03/14 14:26	1

Lab Sample ID: LCS 480-173620/6
Matrix: Water
Analysis Batch: 173620

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	25.3		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.4		ug/L		102	52 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	25.7		ug/L		103	71 - 129
1,1-Dichloroethene	25.0	24.4		ug/L		97	58 - 121
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.8		ug/L		83	56 - 134
1,2-Dibromoethane	25.0	24.9		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	25.0		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	75 - 120
2-Butanone (MEK)	125	117		ug/L		93	57 - 140
2-Hexanone	125	122		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		97	71 - 125
Acetone	125	120		ug/L		96	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	20.1		ug/L		80	52 - 132
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	23.6		ug/L		95	59 - 134
Carbon tetrachloride	25.0	26.4		ug/L		106	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	72 - 120
Chloroethane	25.0	24.1		ug/L		96	69 - 136
Chloroform	25.0	24.8		ug/L		99	73 - 127
Chloromethane	25.0	24.4		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	26.5		ug/L		106	74 - 124
Cyclohexane	25.0	24.6		ug/L		99	59 - 135
Dibromochloromethane	24.5	24.5		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	23.5		ug/L		94	59 - 135
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Isopropylbenzene	25.0	25.6		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	25.1		ug/L		100	61 - 138

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

Lab Sample ID: LCS 480-173620/6
Matrix: Water
Analysis Batch: 173620

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methylene Chloride			25.0	23.2		ug/L		93	57 - 132		
Styrene			25.0	25.3		ug/L		101	70 - 130		
Tetrachloroethene			25.0	25.6		ug/L		102	74 - 122		
Toluene			25.0	23.1		ug/L		92	80 - 122		
trans-1,2-Dichloroethene			25.0	23.7		ug/L		95	73 - 127		
trans-1,3-Dichloropropene			25.0	22.9		ug/L		92	72 - 123		
Trichloroethene			25.0	25.0		ug/L		100	74 - 123		
Trichlorofluoromethane			25.0	22.1		ug/L		89	62 - 152		
Vinyl chloride			25.0	24.6		ug/L		99	65 - 133		
Xylenes, Total			50.0	50.0		ug/L		100	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: 480-56841-1 MS
Matrix: Ground Water
Analysis Batch: 173620

Client Sample ID: BCC_Area A_DMH-A3 MS_0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane	ND		25.0	30.1		ug/L		120	73 - 126		
1,1,2,2-Tetrachloroethane	ND		25.0	29.1		ug/L		116	70 - 126		
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.5		ug/L		106	52 - 148		
1,1,2-Trichloroethane	ND		25.0	28.7		ug/L		115	76 - 122		
1,1-Dichloroethane	ND		25.0	29.8		ug/L		119	71 - 129		
1,1-Dichloroethene	ND		25.0	27.1		ug/L		109	58 - 121		
1,2,4-Trichlorobenzene	ND		25.0	27.9		ug/L		112	70 - 122		
1,2-Dibromo-3-Chloropropane	ND		25.0	24.6		ug/L		98	56 - 134		
1,2-Dibromoethane	ND		25.0	28.3		ug/L		113	77 - 120		
1,2-Dichlorobenzene	ND		25.0	28.6		ug/L		115	80 - 124		
1,2-Dichloroethane	ND		25.0	27.1		ug/L		109	75 - 127		
1,2-Dichloropropane	ND		25.0	27.3		ug/L		109	76 - 120		
1,3-Dichlorobenzene	ND		25.0	28.0		ug/L		112	77 - 120		
1,4-Dichlorobenzene	ND		25.0	28.3		ug/L		113	75 - 120		
2-Butanone (MEK)	ND		125	142		ug/L		114	57 - 140		
2-Hexanone	ND		125	152		ug/L		122	65 - 127		
4-Methyl-2-pentanone (MIBK)	ND		125	149		ug/L		119	71 - 125		
Acetone	3.6	J	125	150		ug/L		117	56 - 142		
Benzene	ND		25.0	27.2		ug/L		109	71 - 124		
Bromodichloromethane	ND		25.0	27.0		ug/L		108	80 - 122		
Bromoform	ND		25.0	21.2		ug/L		85	52 - 132		
Bromomethane	ND		25.0	28.5		ug/L		114	55 - 144		
Carbon disulfide	ND		25.0	25.8		ug/L		103	59 - 134		
Carbon tetrachloride	ND		25.0	28.8		ug/L		115	72 - 134		
Chlorobenzene	1.7		25.0	30.7		ug/L		116	72 - 120		
Chloroethane	ND		25.0	30.3		ug/L		121	69 - 136		

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

Lab Sample ID: 480-56841-1 MS
Matrix: Ground Water
Analysis Batch: 173620

Client Sample ID: BCC_Area A_DMH-A3 MS_0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	27.2		ug/L		109	73 - 127
Chloromethane	ND		25.0	30.1		ug/L		121	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.0		ug/L		108	74 - 124
cis-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	74 - 124
Cyclohexane	ND		25.0	28.3		ug/L		113	59 - 135
Dibromochloromethane	ND		24.5	26.7		ug/L		109	75 - 125
Dichlorodifluoromethane	ND		25.0	28.0		ug/L		112	59 - 135
Ethylbenzene	ND		25.0	28.1		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	29.1		ug/L		116	77 - 122
Methyl acetate	ND		125	132		ug/L		106	74 - 133
Methyl tert-butyl ether	ND		25.0	27.8		ug/L		111	64 - 127
Methylcyclohexane	ND		25.0	29.1		ug/L		116	61 - 138
Methylene Chloride	ND		25.0	26.1		ug/L		104	57 - 132
Styrene	ND		25.0	28.1		ug/L		112	70 - 130
Tetrachloroethene	ND		25.0	28.3		ug/L		113	74 - 122
Toluene	ND		25.0	26.0		ug/L		104	80 - 122
trans-1,2-Dichloroethene	ND		25.0	26.4		ug/L		106	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.3		ug/L		97	72 - 123
Trichloroethene	ND		25.0	26.9		ug/L		108	74 - 123
Trichlorofluoromethane	ND		25.0	27.6		ug/L		110	62 - 152
Vinyl chloride	ND		25.0	30.2		ug/L		121	65 - 133
Xylenes, Total	ND		50.0	56.5		ug/L		113	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: 480-56841-1 MSD
Matrix: Ground Water
Analysis Batch: 173620

Client Sample ID: BCC_Area A_DMH-A3 MSD_0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	28.1		ug/L		112	73 - 126	7	15
1,1,2,2-Tetrachloroethane	ND		25.0	27.8		ug/L		111	70 - 126	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.2		ug/L		97	52 - 148	9	20
1,1,2-Trichloroethane	ND		25.0	25.7		ug/L		103	76 - 122	11	15
1,1-Dichloroethane	ND		25.0	27.8		ug/L		111	71 - 129	7	20
1,1-Dichloroethene	ND		25.0	24.1		ug/L		97	58 - 121	12	16
1,2,4-Trichlorobenzene	ND		25.0	25.2		ug/L		101	70 - 122	10	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.6		ug/L		98	56 - 134	0	15
1,2-Dibromoethane	ND		25.0	26.8		ug/L		107	77 - 120	5	15
1,2-Dichlorobenzene	ND		25.0	26.5		ug/L		106	80 - 124	8	20
1,2-Dichloroethane	ND		25.0	25.5		ug/L		102	75 - 127	6	20
1,2-Dichloropropane	ND		25.0	25.3		ug/L		101	76 - 120	8	20
1,3-Dichlorobenzene	ND		25.0	25.8		ug/L		103	77 - 120	8	20
1,4-Dichlorobenzene	ND		25.0	26.6		ug/L		106	75 - 120	6	20

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

Lab Sample ID: 480-56841-1 MSD
Matrix: Ground Water
Analysis Batch: 173620

Client Sample ID: BCC_Area A_DMH-A3 MSD_0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	139		ug/L		111	57 - 140	2	20
2-Hexanone	ND		125	147		ug/L		118	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND		125	143		ug/L		114	71 - 125	4	35
Acetone	3.6	J	125	143		ug/L		111	56 - 142	5	15
Benzene	ND		25.0	24.9		ug/L		100	71 - 124	9	13
Bromodichloromethane	ND		25.0	25.9		ug/L		104	80 - 122	4	15
Bromoform	ND		25.0	21.5		ug/L		86	52 - 132	1	15
Bromomethane	ND		25.0	28.0		ug/L		112	55 - 144	2	15
Carbon disulfide	ND		25.0	22.8		ug/L		91	59 - 134	12	15
Carbon tetrachloride	ND		25.0	27.3		ug/L		109	72 - 134	5	15
Chlorobenzene	1.7		25.0	28.6		ug/L		107	72 - 120	7	25
Chloroethane	ND		25.0	27.0		ug/L		108	69 - 136	12	15
Chloroform	ND		25.0	25.4		ug/L		102	73 - 127	7	20
Chloromethane	ND		25.0	27.5		ug/L		110	68 - 124	9	15
cis-1,2-Dichloroethene	ND		25.0	25.1		ug/L		100	74 - 124	7	15
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	74 - 124	6	15
Cyclohexane	ND		25.0	24.7		ug/L		99	59 - 135	14	20
Dibromochloromethane	ND		24.5	25.8		ug/L		105	75 - 125	3	15
Dichlorodifluoromethane	ND		25.0	23.3		ug/L		93	59 - 135	19	20
Ethylbenzene	ND		25.0	25.6		ug/L		102	77 - 123	9	15
Isopropylbenzene	ND		25.0	26.8		ug/L		107	77 - 122	8	20
Methyl acetate	ND		125	126		ug/L		101	74 - 133	5	20
Methyl tert-butyl ether	ND		25.0	26.2		ug/L		105	64 - 127	6	37
Methylcyclohexane	ND		25.0	25.8		ug/L		103	61 - 138	12	20
Methylene Chloride	ND		25.0	24.1		ug/L		96	57 - 132	8	15
Styrene	ND		25.0	25.6		ug/L		102	70 - 130	9	20
Tetrachloroethene	ND		25.0	25.9		ug/L		104	74 - 122	9	20
Toluene	ND		25.0	23.4		ug/L		94	80 - 122	11	15
trans-1,2-Dichloroethene	ND		25.0	23.5		ug/L		94	73 - 127	12	20
trans-1,3-Dichloropropene	ND		25.0	23.1		ug/L		92	72 - 123	5	15
Trichloroethene	ND		25.0	25.3		ug/L		101	74 - 123	6	16
Trichlorofluoromethane	ND		25.0	24.3		ug/L		97	62 - 152	13	20
Vinyl chloride	ND		25.0	26.8		ug/L		107	65 - 133	12	15
Xylenes, Total	ND		50.0	51.3		ug/L		103	76 - 122	10	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*

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

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1

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

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Chlorophenol	ND		5.0	0.53	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Nitroaniline	ND		10	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
3-Nitroaniline	ND		10	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chloroaniline	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Methylphenol	ND		10	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Nitroaniline	ND		10	0.25	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Nitrophenol	ND		10	1.5	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acenaphthene	ND		5.0	0.41	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acetophenone	ND		5.0	0.54	ug/L		04/01/14 07:37	04/02/14 16:53	1
Aniline	ND		10	0.61	ug/L		04/01/14 07:37	04/02/14 16:53	1
Anthracene	ND		5.0	0.28	ug/L		04/01/14 07:37	04/02/14 16:53	1
Atrazine	ND		5.0	0.46	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzaldehyde	ND		5.0	0.27	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		04/01/14 07:37	04/02/14 16:53	1
Biphenyl	ND		5.0	0.65	ug/L		04/01/14 07:37	04/02/14 16:53	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/01/14 07:37	04/02/14 16:53	1
Butyl benzyl phthalate	0.457	J	5.0	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
Caprolactam	ND		5.0	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
Carbazole	ND		5.0	0.30	ug/L		04/01/14 07:37	04/02/14 16:53	1
Chrysene	ND		5.0	0.33	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dibenzofuran	ND		10	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Di-n-butyl phthalate	0.396	J	5.0	0.31	ug/L		04/01/14 07:37	04/02/14 16:53	1

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

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Fluoranthene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
Fluorene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachloroethane	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Isophorone	ND		5.0	0.43	ug/L		04/01/14 07:37	04/02/14 16:53	1
Naphthalene	ND		5.0	0.76	ug/L		04/01/14 07:37	04/02/14 16:53	1
Nitrobenzene	ND		5.0	0.29	ug/L		04/01/14 07:37	04/02/14 16:53	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		04/01/14 07:37	04/02/14 16:53	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Pentachlorophenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
Phenanthrene	ND		5.0	0.44	ug/L		04/01/14 07:37	04/02/14 16:53	1
Phenol	ND		5.0	0.39	ug/L		04/01/14 07:37	04/02/14 16:53	1
Pyrene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 16:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 132*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
2-Fluorophenol	*51*		*20 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
Phenol-d5	*34*		*16 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
p-Terphenyl-d14	*103*		*67 - 150*	*04/01/14 07:37*	*04/02/14 16:53*	*1*

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	31.0		ug/L		97	65 - 126
2,4,6-Trichlorophenol	32.0	35.7		ug/L		111	64 - 120
2,4-Dichlorophenol	32.0	32.9		ug/L		103	64 - 120
2,4-Dimethylphenol	32.0	30.7		ug/L		96	57 - 120
2,4-Dinitrophenol	64.0	54.5		ug/L		85	42 - 153
2,4-Dinitrotoluene	32.0	34.4		ug/L		107	65 - 154
2,6-Dinitrotoluene	32.0	33.8		ug/L		106	74 - 134
2-Chloronaphthalene	32.0	32.2		ug/L		101	41 - 124
2-Chlorophenol	32.0	29.4		ug/L		92	48 - 120
2-Methylnaphthalene	32.0	41.2	*	ug/L		129	34 - 122
2-Methylphenol	32.0	27.6		ug/L		86	39 - 120
2-Nitroaniline	32.0	38.1		ug/L		119	67 - 136
2-Nitrophenol	32.0	30.6		ug/L		96	59 - 120
3,3'-Dichlorobenzidine	32.0	30.0		ug/L		94	33 - 140
3-Nitroaniline	32.0	18.4		ug/L		57	28 - 86
4,6-Dinitro-2-methylphenol	64.0	64.0		ug/L		100	64 - 159
4-Bromophenyl phenyl ether	32.0	34.0		ug/L		106	71 - 126

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

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	32.0	36.5		ug/L		114	64 - 120
4-Chloroaniline	32.0	14.4		ug/L		45	10 - 77
4-Chlorophenyl phenyl ether	32.0	32.5		ug/L		102	71 - 122
4-Methylphenol	32.0	28.5		ug/L		89	39 - 120
4-Nitroaniline	32.0	29.6		ug/L		93	47 - 113
4-Nitrophenol	64.0	42.3		ug/L		66	16 - 120
Acenaphthene	32.0	32.5		ug/L		102	60 - 120
Acenaphthylene	32.0	31.2		ug/L		97	63 - 120
Acetophenone	32.0	32.5		ug/L		102	45 - 120
Aniline	32.0	13.0		ug/L		40	37 - 120
Anthracene	32.0	32.8		ug/L		102	58 - 148
Atrazine	32.0	33.3		ug/L		104	56 - 179
Benzaldehyde	32.0	17.8		ug/L		55	30 - 140
Benzo(a)anthracene	32.0	33.6		ug/L		105	55 - 151
Benzo(a)pyrene	32.0	32.6		ug/L		102	60 - 145
Benzo(b)fluoranthene	32.0	35.4		ug/L		111	54 - 140
Benzo(g,h,i)perylene	32.0	32.6		ug/L		102	66 - 152
Benzo(k)fluoranthene	32.0	34.9		ug/L		109	51 - 153
Biphenyl	32.0	33.4		ug/L		104	30 - 140
bis (2-chloroisopropyl) ether	32.0	31.2		ug/L		97	28 - 136
Bis(2-chloroethoxy)methane	32.0	32.9		ug/L		103	50 - 128
Bis(2-chloroethyl)ether	32.0	29.5		ug/L		92	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.7		ug/L		115	53 - 158
Butyl benzyl phthalate	32.0	37.2		ug/L		116	58 - 163
Caprolactam	32.0	4.86	J	ug/L		15	14 - 56
Carbazole	32.0	31.4		ug/L		98	59 - 148
Chrysene	32.0	34.3		ug/L		107	69 - 140
Dibenz(a,h)anthracene	32.0	33.4		ug/L		104	57 - 148
Dibenzofuran	32.0	32.2		ug/L		101	49 - 137
Diethyl phthalate	32.0	35.2		ug/L		110	59 - 146
Dimethyl phthalate	32.0	34.8		ug/L		109	59 - 141
Di-n-butyl phthalate	32.0	35.3		ug/L		110	58 - 149
Di-n-octyl phthalate	32.0	36.9		ug/L		115	55 - 167
Fluoranthene	32.0	32.7		ug/L		102	55 - 147
Fluorene	32.0	33.3		ug/L		104	55 - 143
Hexachlorobenzene	32.0	35.1	*	ug/L		110	14 - 108
Hexachlorobutadiene	32.0	28.1		ug/L		88	14 - 108
Hexachlorocyclopentadiene	32.0	18.1		ug/L		57	13 - 119
Hexachloroethane	32.0	30.7		ug/L		96	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	40.7		ug/L		127	69 - 146
Isophorone	32.0	36.1		ug/L		113	48 - 133
Naphthalene	32.0	29.9		ug/L		94	35 - 117
Nitrobenzene	32.0	42.2	*	ug/L		132	45 - 123
N-Nitrosodi-n-propylamine	32.0	35.4		ug/L		111	56 - 120
N-Nitrosodiphenylamine	32.0	35.0		ug/L		109	25 - 125
Pentachlorophenol	64.0	58.0		ug/L		91	39 - 136
Phenanthrene	32.0	33.7		ug/L		105	57 - 147
Phenol	32.0	20.1		ug/L		63	17 - 120

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

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Pyrene			32.0	37.0		ug/L		116	58 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*52 - 132*
2-Fluorobiphenyl	*96*		*48 - 120*
2-Fluorophenol	*73*		*20 - 120*
Nitrobenzene-d5	*99*		*46 - 120*
Phenol-d5	*66*		*16 - 120*
p-Terphenyl-d14	*110*		*67 - 150*

Lab Sample ID: 480-56841-1 MS
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC_Area A_DMH-A3 MS_0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		31.3	29.0		ug/L		93	65 - 126
2,4,6-Trichlorophenol	ND		31.3	33.0		ug/L		105	64 - 120
2,4-Dichlorophenol	ND		31.3	30.8		ug/L		99	64 - 120
2,4-Dimethylphenol	ND		31.3	28.3		ug/L		91	57 - 120
2,4-Dinitrophenol	ND		62.5	48.3		ug/L		77	42 - 153
2,4-Dinitrotoluene	ND		31.3	31.9		ug/L		102	62 - 148
2,6-Dinitrotoluene	ND		31.3	31.8		ug/L		102	65 - 154
2-Chloronaphthalene	ND		31.3	30.5		ug/L		98	41 - 124
2-Chlorophenol	ND		31.3	27.5		ug/L		88	48 - 120
2-Methylnaphthalene	ND	*	31.3	39.0	F1	ug/L		125	34 - 122
2-Methylphenol	ND		31.3	24.8		ug/L		79	39 - 120
2-Nitroaniline	ND		31.3	34.3		ug/L		110	67 - 136
2-Nitrophenol	ND		31.3	28.5		ug/L		91	59 - 120
3,3'-Dichlorobenzidine	ND		31.3	20.1		ug/L		64	33 - 140
3-Nitroaniline	ND		31.3	15.8	F1	ug/L		51	69 - 129
4,6-Dinitro-2-methylphenol	ND		62.5	61.0		ug/L		98	64 - 159
4-Bromophenyl phenyl ether	ND		31.3	32.5		ug/L		104	71 - 126
4-Chloro-3-methylphenol	ND		31.3	33.1		ug/L		106	64 - 120
4-Chloroaniline	ND		31.3	10.2	F1	ug/L		33	60 - 124
4-Chlorophenyl phenyl ether	ND		31.3	30.5		ug/L		97	48 - 145
4-Methylphenol	ND		31.3	26.0		ug/L		83	36 - 120
4-Nitroaniline	ND		31.3	22.0		ug/L		70	64 - 135
4-Nitrophenol	ND		62.5	46.1		ug/L		74	16 - 120
Acenaphthene	ND		31.3	30.4		ug/L		97	60 - 120
Acenaphthylene	ND		31.3	29.4		ug/L		94	63 - 120
Acetophenone	ND		31.3	31.2		ug/L		100	45 - 120
Aniline	ND		31.3	11.4	F1	ug/L		36	37 - 120
Anthracene	ND		31.3	28.9		ug/L		93	58 - 148
Atrazine	ND		31.3	29.9		ug/L		96	56 - 179
Benzaldehyde	ND		31.3	20.4		ug/L		65	30 - 140
Benzo(a)anthracene	ND		31.3	28.3		ug/L		91	55 - 151
Benzo(a)pyrene	ND		31.3	23.8		ug/L		76	60 - 145
Benzo(b)fluoranthene	ND		31.3	24.8		ug/L		79	54 - 140

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

Lab Sample ID: 480-56841-1 MS
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC_Area A_DMH-A3 MS_0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo(g,h,i)perylene	ND		31.3	17.8	F1	ug/L		57	66 - 152
Benzo(k)fluoranthene	ND		31.3	27.9		ug/L		89	51 - 153
Biphenyl	ND		31.3	32.0		ug/L		102	30 - 140
bis (2-chloroisopropyl) ether	ND		31.3	30.4		ug/L		97	28 - 136
Bis(2-chloroethoxy)methane	ND		31.3	31.3		ug/L		100	50 - 128
Bis(2-chloroethyl)ether	ND		31.3	28.3		ug/L		91	51 - 120
Bis(2-ethylhexyl) phthalate	ND		31.3	15.0	F1	ug/L		48	53 - 158
Butyl benzyl phthalate	0.42	J B	31.3	33.8		ug/L		107	58 - 163
Caprolactam	ND		31.3	4.16	J F1	ug/L		13	30 - 140
Carbazole	ND		31.3	28.1		ug/L		90	59 - 148
Chrysene	ND		31.3	28.3		ug/L		91	69 - 140
Dibenz(a,h)anthracene	ND		31.3	17.9		ug/L		57	57 - 158
Dibenzofuran	ND		31.3	30.3		ug/L		97	49 - 137
Diethyl phthalate	ND		31.3	33.5		ug/L		107	59 - 146
Dimethyl phthalate	ND		31.3	32.8		ug/L		105	59 - 141
Di-n-butyl phthalate	0.35	J B	31.3	33.4		ug/L		106	58 - 149
Di-n-octyl phthalate	ND		31.3	13.9	F1	ug/L		44	55 - 167
Fluoranthene	ND		31.3	30.3		ug/L		97	55 - 147
Fluorene	ND		31.3	30.8		ug/L		99	55 - 143
Hexachlorobenzene	ND	*	31.3	33.3		ug/L		106	38 - 131
Hexachlorobutadiene	ND		31.3	28.5		ug/L		91	14 - 108
Hexachlorocyclopentadiene	ND		31.3	19.3		ug/L		62	13 - 119
Hexachloroethane	ND		31.3	29.9		ug/L		96	14 - 101
Indeno(1,2,3-cd)pyrene	ND		31.3	22.6		ug/L		72	69 - 146
Isophorone	ND		31.3	34.6		ug/L		111	48 - 133
Naphthalene	ND		31.3	28.8		ug/L		92	35 - 117
Nitrobenzene	ND	*	31.3	40.9	F1	ug/L		131	45 - 123
N-Nitrosodi-n-propylamine	ND		31.3	34.8		ug/L		111	56 - 120
N-Nitrosodiphenylamine	ND		31.3	33.6		ug/L		108	25 - 125
Pentachlorophenol	ND		62.5	52.0		ug/L		83	39 - 136
Phenanthrene	ND		31.3	31.9		ug/L		102	57 - 147
Phenol	ND		31.3	16.9		ug/L		54	17 - 120
Pyrene	ND		31.3	32.4		ug/L		104	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*109*		*52 - 132*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*66*		*20 - 120*
Nitrobenzene-d5	*99*		*46 - 120*
Phenol-d5	*59*		*16 - 120*
p-Terphenyl-d14	*84*		*67 - 150*

Lab Sample ID: 480-56841-1 MSD
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC_Area A_DMH-A3 MSD_0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		30.8	29.1		ug/L		95	65 - 126	1	18

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

Lab Sample ID: 480-56841-1 MSD
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC_Area A_DMH-A3 MSD_0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,6-Trichlorophenol	ND		30.8	32.3		ug/L		105	64 - 120	2	19
2,4-Dichlorophenol	ND		30.8	29.7		ug/L		96	64 - 120	4	19
2,4-Dimethylphenol	ND		30.8	27.6		ug/L		90	57 - 120	3	42
2,4-Dinitrophenol	ND		61.7	47.5		ug/L		77	42 - 153	2	22
2,4-Dinitrotoluene	ND		30.8	31.3		ug/L		101	62 - 148	2	20
2,6-Dinitrotoluene	ND		30.8	31.0		ug/L		101	65 - 154	3	15
2-Chloronaphthalene	ND		30.8	30.3		ug/L		98	41 - 124	1	21
2-Chlorophenol	ND		30.8	26.8		ug/L		87	48 - 120	2	25
2-Methylnaphthalene	ND	*	30.8	37.8	F1	ug/L		123	34 - 122	3	21
2-Methylphenol	ND		30.8	24.4		ug/L		79	39 - 120	2	27
2-Nitroaniline	ND		30.8	32.9		ug/L		107	67 - 136	4	15
2-Nitrophenol	ND		30.8	28.3		ug/L		92	59 - 120	0	18
3,3'-Dichlorobenzidine	ND		30.8	24.0		ug/L		78	33 - 140	18	25
3-Nitroaniline	ND		30.8	17.1	F1	ug/L		55	69 - 129	8	19
4,6-Dinitro-2-methylphenol	ND		61.7	59.4		ug/L		96	64 - 159	3	15
4-Bromophenyl phenyl ether	ND		30.8	32.2		ug/L		104	71 - 126	1	15
4-Chloro-3-methylphenol	ND		30.8	32.7		ug/L		106	64 - 120	1	27
4-Chloroaniline	ND		30.8	11.9	F1	ug/L		39	60 - 124	16	22
4-Chlorophenyl phenyl ether	ND		30.8	30.1		ug/L		98	48 - 145	1	16
4-Methylphenol	ND		30.8	25.1		ug/L		81	36 - 120	3	24
4-Nitroaniline	ND		30.8	22.3		ug/L		72	64 - 135	1	24
4-Nitrophenol	ND		61.7	45.9		ug/L		74	16 - 120	0	48
Acenaphthene	ND		30.8	29.4		ug/L		95	60 - 120	3	24
Acenaphthylene	ND		30.8	28.9		ug/L		94	63 - 120	2	18
Acetophenone	ND		30.8	29.7		ug/L		96	45 - 120	5	20
Aniline	ND		30.8	7.29	J F1 F2	ug/L		24	37 - 120	44	30
Anthracene	ND		30.8	27.8		ug/L		90	58 - 148	4	15
Atrazine	ND		30.8	29.6		ug/L		96	56 - 179	1	20
Benzaldehyde	ND		30.8	21.8		ug/L		71	30 - 140	7	20
Benzo(a)anthracene	ND		30.8	28.3		ug/L		92	55 - 151	0	15
Benzo(a)pyrene	ND		30.8	24.9		ug/L		81	60 - 145	4	15
Benzo(b)fluoranthene	ND		30.8	27.8		ug/L		90	54 - 140	11	15
Benzo(g,h,i)perylene	ND		30.8	17.7	F1	ug/L		57	66 - 152	1	15
Benzo(k)fluoranthene	ND		30.8	25.6		ug/L		83	51 - 153	9	22
Biphenyl	ND		30.8	31.1		ug/L		101	30 - 140	3	20
bis (2-chloroisopropyl) ether	ND		30.8	29.0		ug/L		94	28 - 136	5	24
Bis(2-chloroethoxy)methane	ND		30.8	30.0		ug/L		97	50 - 128	4	17
Bis(2-chloroethyl)ether	ND		30.8	26.7		ug/L		87	51 - 120	6	21
Bis(2-ethylhexyl) phthalate	ND		30.8	14.7	F1	ug/L		48	53 - 158	2	15
Butyl benzyl phthalate	0.42	J B	30.8	33.3		ug/L		107	58 - 163	1	16
Caprolactam	ND		30.8	4.81	F1	ug/L		16	30 - 140	14	20
Carbazole	ND		30.8	27.3		ug/L		88	59 - 148	3	20
Chrysene	ND		30.8	28.4		ug/L		92	69 - 140	0	15
Dibenz(a,h)anthracene	ND		30.8	16.7	F1	ug/L		54	57 - 158	7	15
Dibenzofuran	ND		30.8	29.9		ug/L		97	49 - 137	1	15
Diethyl phthalate	ND		30.8	32.8		ug/L		106	59 - 146	2	15
Dimethyl phthalate	ND		30.8	32.3		ug/L		105	59 - 141	2	15
Di-n-butyl phthalate	0.35	J B	30.8	32.9		ug/L		105	58 - 149	2	15

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

Lab Sample ID: 480-56841-1 MSD
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC_Area A_DMH-A3 MSD_0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-octyl phthalate	ND		30.8	13.9	F1	ug/L		45	55 - 167	0	16
Fluoranthene	ND		30.8	30.4		ug/L		98	55 - 147	0	15
Fluorene	ND		30.8	30.5		ug/L		99	55 - 143	1	15
Hexachlorobenzene	ND	*	30.8	32.9		ug/L		107	38 - 131	1	15
Hexachlorobutadiene	ND		30.8	27.6		ug/L		89	14 - 108	3	44
Hexachlorocyclopentadiene	ND		30.8	19.9		ug/L		64	13 - 119	3	49
Hexachloroethane	ND		30.8	28.9		ug/L		94	14 - 101	3	46
Indeno(1,2,3-cd)pyrene	ND		30.8	21.8		ug/L		71	69 - 146	3	15
Isophorone	ND		30.8	33.7		ug/L		109	48 - 133	2	17
Naphthalene	ND		30.8	28.2		ug/L		91	35 - 117	2	29
Nitrobenzene	ND	*	30.8	39.9	F1	ug/L		129	45 - 123	2	24
N-Nitrosodi-n-propylamine	ND		30.8	33.0		ug/L		107	56 - 120	5	31
N-Nitrosodiphenylamine	ND		30.8	32.7		ug/L		106	25 - 125	3	15
Pentachlorophenol	ND		61.7	51.8		ug/L		84	39 - 136	0	37
Phenanthrene	ND		30.8	31.2		ug/L		101	57 - 147	2	15
Phenol	ND		30.8	17.3		ug/L		56	17 - 120	2	34
Pyrene	ND		30.8	31.1		ug/L		101	58 - 136	4	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*109*		*52 - 132*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol	*68*		*20 - 120*
Nitrobenzene-d5	*97*		*46 - 120*
Phenol-d5	*60*		*16 - 120*
p-Terphenyl-d14	*87*		*67 - 150*

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

GC/MS VOA

Analysis Batch: 173620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56841-1	BCC_Area A_DMH-A3_0314	Total/NA	Ground Water	8260C	
480-56841-1 MS	BCC_Area A_DMH-A3 MS_0314	Total/NA	Ground Water	8260C	
480-56841-1 MSD	BCC_Area A_DMH-A3 MSD_0314	Total/NA	Ground Water	8260C	
480-56841-2	BCC_Area A_DMH-A3D_0314	Total/NA	Ground Water	8260C	
480-56841-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-173620/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173620/8	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 173059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56841-1	BCC_Area A_DMH-A3_0314	Total/NA	Ground Water	3510C	
480-56841-1 MS	BCC_Area A_DMH-A3 MS_0314	Total/NA	Ground Water	3510C	
480-56841-1 MSD	BCC_Area A_DMH-A3 MSD_0314	Total/NA	Ground Water	3510C	
480-56841-2	BCC_Area A_DMH-A3D_0314	Total/NA	Ground Water	3510C	
LCS 480-173059/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-173059/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 173429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56841-1	BCC_Area A_DMH-A3_0314	Total/NA	Ground Water	8270D	173059
480-56841-1 MS	BCC_Area A_DMH-A3 MS_0314	Total/NA	Ground Water	8270D	173059
480-56841-1 MSD	BCC_Area A_DMH-A3 MSD_0314	Total/NA	Ground Water	8270D	173059
480-56841-2	BCC_Area A_DMH-A3D_0314	Total/NA	Ground Water	8270D	173059
LCS 480-173059/2-A	Lab Control Sample	Total/NA	Water	8270D	173059
MB 480-173059/1-A	Method Blank	Total/NA	Water	8270D	173059

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Client Sample ID: BCC_Area A_DMH-A3_0314

Lab Sample ID: 480-56841-1

Date Collected: 03/28/14 11:00

Matrix: Ground Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173620	04/03/14 17:31	CDC	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 21:17	AR1	TAL BUF

Client Sample ID: BCC_Area A_DMH-A3D_0314

Lab Sample ID: 480-56841-2

Date Collected: 03/28/14 11:10

Matrix: Ground Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173620	04/03/14 17:54	CDC	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 21:40	AR1	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-56841-3

Date Collected: 03/28/14 00:00

Matrix: Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173620	04/03/14 18:17	CDC	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 A Storm Sewer

TestAmerica Job ID: 480-56841-1

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	03-31-14 *

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-56841-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56841-1	BCC_Area A_DMH-A3_0314	Ground Water	03/28/14 11:00	03/28/14 12:30
480-56841-2	BCC_Area A_DMH-A3D_0314	Ground Water	03/28/14 11:10	03/28/14 12:30
480-56841-3	TRIP BLANK	Water	03/28/14 00:00	03/28/14 12:30

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 3-29-14	COC No: 269237-0314
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area A Storm Sewer	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	8270C - (MOD) TLC SVOA - 4.2 list + aniline	Sample Specific Notes:
BCC_Area A_DMH-A3_0314	3/29/14	1100	G	W	5	N	3	2	
BCC_Area A_DMH-A3D_0314	3/29/14	1110	G	W	5	N	3	2	
BCC_Area A_DMH-A3MS_0314	3/29/14	1120	G	W	5	N	3	2	
BCC_Area A_DMH-A3MSD_0314	3/29/14	1130	G	W	5	N	3	2	
Trip Blank		N/A	N/A	N/A	3		3		
Container Volume (ml)							40	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	1-A	

480-56841 Chain of Custody

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

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

Special Instructions/QC Requirements & Comments:

Temp 3.0 #1

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	OSC	3/29/14 1230	[signature]	TBSUK	3/29/14 1230
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-56841-1

Login Number: 56841

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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

TestAmerica

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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: 480-62965-1
Client Project/Site: 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:
7/11/2014 10:30:24 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
E	Result exceeded calibration range.

Glossary

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

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Job ID: 480-62965-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-62965-1

Comments
No additional comments.

Receipt
The samples were received on 6/30/2014 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 191855 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-191855/3).

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

GC/MS Semi VOA
Method(s) 8270D: The laboratory control sample (LCS) for batch 110592 recovered outside control limits for the following analyte: Atrazine. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: Surrogate recovery for the following sample(s) was outside control limits: BCC Area A_DMH-A3_0614 (480-62965-1 MS), BCC Area A_DMH-A3_0614 (480-62965-1 MSD). Evidence of matrix interferences is not obvious. Matrix spike and matrix spike duplicate confirm thus report as measured.

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

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: BCC Area A_DMH-A3_0614 — Lab Sample ID: 480-62965-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.5	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: BCC Area A_DMH-A3D_0614 — Lab Sample ID: 480-62965-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-62965-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: BCC Area A_DMH-A3_0614
Date Collected: 06/30/14 13:30
Date Received: 06/30/14 16:10

Lab Sample ID: 480-62965-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/14 17:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/14 17:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/14 17:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/14 17:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/14 17:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/14 17:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/14 17:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/14 17:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/14 17:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/14 17:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/14 17:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/14 17:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/14 17:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/14 17:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/14 17:12	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/14 17:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/14 17:12	1
Acetone	**3.5**	**J**	10	3.0	ug/L			07/09/14 17:12	1
Benzene	ND		1.0	0.41	ug/L			07/09/14 17:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/14 17:12	1
Bromoform	ND		1.0	0.26	ug/L			07/09/14 17:12	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/14 17:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/14 17:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/14 17:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/14 17:12	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/14 17:12	1
Chloroform	ND		1.0	0.34	ug/L			07/09/14 17:12	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/14 17:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/14 17:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/14 17:12	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/14 17:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/14 17:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/14 17:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/14 17:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/14 17:12	1
Methyl acetate	ND		2.5	0.50	ug/L			07/09/14 17:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/14 17:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/14 17:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/14 17:12	1
Styrene	ND		1.0	0.73	ug/L			07/09/14 17:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/14 17:12	1
Toluene	ND		1.0	0.51	ug/L			07/09/14 17:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/14 17:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/14 17:12	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/14 17:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/14 17:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/14 17:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/14 17:12	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: BCC Area A_DMH-A3_0614
Date Collected: 06/30/14 13:30
Date Received: 06/30/14 16:10

Lab Sample ID: 480-62965-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*07/09/14 17:12*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*07/09/14 17:12*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*07/09/14 17:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.14	ug/L		07/07/14 08:51	07/09/14 22:08	1
Acenaphthylene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 22:08	1
Acetophenone	ND		9.9	0.79	ug/L		07/07/14 08:51	07/09/14 22:08	1
Aniline	ND		9.9	0.71	ug/L		07/07/14 08:51	07/09/14 22:08	1
Anthracene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 22:08	1
Atrazine	ND	*	9.9	0.88	ug/L		07/07/14 08:51	07/09/14 22:08	1
Benzaldehyde	ND		9.9	1.5	ug/L		07/07/14 08:51	07/09/14 22:08	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 22:08	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 22:08	1
Benzo(k)fluoranthene	ND		2.0	0.54	ug/L		07/07/14 08:51	07/09/14 22:08	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 22:08	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		07/07/14 08:51	07/09/14 22:08	1
Biphenyl	ND		9.9	0.41	ug/L		07/07/14 08:51	07/09/14 22:08	1
Bis(2-chloroethoxy)methane	ND		9.9	0.58	ug/L		07/07/14 08:51	07/09/14 22:08	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		07/07/14 08:51	07/09/14 22:08	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		07/07/14 08:51	07/09/14 22:08	1
Bis(2-ethylhexyl) phthalate	ND		20	12	ug/L		07/07/14 08:51	07/09/14 22:08	1
4-Bromophenyl phenyl ether	ND		9.9	0.63	ug/L		07/07/14 08:51	07/09/14 22:08	1
Butyl benzyl phthalate	ND		9.9	1.4	ug/L		07/07/14 08:51	07/09/14 22:08	1
Caprolactam	ND		50	12	ug/L		07/07/14 08:51	07/09/14 22:08	1
Carbazole	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 22:08	1
4-Chloroaniline	ND		9.9	0.88	ug/L		07/07/14 08:51	07/09/14 22:08	1
4-Chloro-3-methylphenol	ND		9.9	0.75	ug/L		07/07/14 08:51	07/09/14 22:08	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 22:08	1
2-Chlorophenol	ND		9.9	1.6	ug/L		07/07/14 08:51	07/09/14 22:08	1
4-Chlorophenyl phenyl ether	ND		9.9	0.50	ug/L		07/07/14 08:51	07/09/14 22:08	1
Chrysene	ND		2.0	0.14	ug/L		07/07/14 08:51	07/09/14 22:08	1
Dibenz(a,h)anthracene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 22:08	1
Dibenzofuran	ND		9.9	0.61	ug/L		07/07/14 08:51	07/09/14 22:08	1
Di-n-butyl phthalate	ND		9.9	1.2	ug/L		07/07/14 08:51	07/09/14 22:08	1
3,3'-Dichlorobenzidine	ND		9.9	1.1	ug/L		07/07/14 08:51	07/09/14 22:08	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		07/07/14 08:51	07/09/14 22:08	1
Diethyl phthalate	ND		9.9	1.4	ug/L		07/07/14 08:51	07/09/14 22:08	1
2,4-Dimethylphenol	ND		9.9	0.84	ug/L		07/07/14 08:51	07/09/14 22:08	1
Dimethyl phthalate	ND		9.9	0.76	ug/L		07/07/14 08:51	07/09/14 22:08	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		07/07/14 08:51	07/09/14 22:08	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		07/07/14 08:51	07/09/14 22:08	1
2,4-Dinitrotoluene	ND		9.9	0.53	ug/L		07/07/14 08:51	07/09/14 22:08	1
2,6-Dinitrotoluene	ND		9.9	0.79	ug/L		07/07/14 08:51	07/09/14 22:08	1
Di-n-octyl phthalate	ND		9.9	2.0	ug/L		07/07/14 08:51	07/09/14 22:08	1
Fluoranthene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 22:08	1
Fluorene	ND		2.0	0.21	ug/L		07/07/14 08:51	07/09/14 22:08	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		07/07/14 08:51	07/09/14 22:08	1
Hexachlorobutadiene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 22:08	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: BCC Area A_DMH-A3_0614
Date Collected: 06/30/14 13:30
Date Received: 06/30/14 16:10

Lab Sample ID: 480-62965-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		9.9	0.51	ug/L		07/07/14 08:51	07/09/14 22:08	1
Hexachloroethane	ND		9.9	0.62	ug/L		07/07/14 08:51	07/09/14 22:08	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		07/07/14 08:51	07/09/14 22:08	1
Isophorone	ND		9.9	0.64	ug/L		07/07/14 08:51	07/09/14 22:08	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		07/07/14 08:51	07/09/14 22:08	1
2-Methylphenol	ND		9.9	0.85	ug/L		07/07/14 08:51	07/09/14 22:08	1
4-Methylphenol	ND		9.9	0.89	ug/L		07/07/14 08:51	07/09/14 22:08	1
Naphthalene	ND		2.0	0.14	ug/L		07/07/14 08:51	07/09/14 22:08	1
2-Nitroaniline	ND		50	3.5	ug/L		07/07/14 08:51	07/09/14 22:08	1
3-Nitroaniline	ND		50	3.2	ug/L		07/07/14 08:51	07/09/14 22:08	1
4-Nitroaniline	ND		50	1.7	ug/L		07/07/14 08:51	07/09/14 22:08	1
Nitrobenzene	ND		20	0.83	ug/L		07/07/14 08:51	07/09/14 22:08	1
2-Nitrophenol	ND		9.9	1.7	ug/L		07/07/14 08:51	07/09/14 22:08	1
4-Nitrophenol	ND		50	6.4	ug/L		07/07/14 08:51	07/09/14 22:08	1
N-Nitrosodiphenylamine	ND		9.9	0.84	ug/L		07/07/14 08:51	07/09/14 22:08	1
N-Nitrosodi-n-propylamine	ND		2.0	0.30	ug/L		07/07/14 08:51	07/09/14 22:08	1
Pentachlorophenol	ND		9.9	0.66	ug/L		07/07/14 08:51	07/09/14 22:08	1
Phenanthrene	ND		2.0	0.42	ug/L		07/07/14 08:51	07/09/14 22:08	1
Phenol	ND		2.0	0.58	ug/L		07/07/14 08:51	07/09/14 22:08	1
Pyrene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 22:08	1
2,4,5-Trichlorophenol	ND		9.9	1.5	ug/L		07/07/14 08:51	07/09/14 22:08	1
2,4,6-Trichlorophenol	ND		9.9	1.7	ug/L		07/07/14 08:51	07/09/14 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*35 - 108*	*07/07/14 08:51*	*07/09/14 22:08*	*1*
2-Fluorophenol	*42*		*26 - 100*	*07/07/14 08:51*	*07/09/14 22:08*	*1*
2,4,6-Tribromophenol	*59*		*33 - 122*	*07/07/14 08:51*	*07/09/14 22:08*	*1*
Nitrobenzene-d5	*59*		*37 - 104*	*07/07/14 08:51*	*07/09/14 22:08*	*1*
Phenol-d5	*43*		*30 - 102*	*07/07/14 08:51*	*07/09/14 22:08*	*1*
Terphenyl-d14 (Surr)	*35*		*25 - 130*	*07/07/14 08:51*	*07/09/14 22:08*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: BCC Area A_DMH-A3D_0614
Date Collected: 06/30/14 14:00
Date Received: 06/30/14 16:10

Lab Sample ID: 480-62965-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/14 18:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/14 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/14 18:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/14 18:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/14 18:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/14 18:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/14 18:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/14 18:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/14 18:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/14 18:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/14 18:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/14 18:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/14 18:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/14 18:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/14 18:20	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/14 18:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/14 18:20	1
Acetone	**3.8**	**J**	10	3.0	ug/L			07/09/14 18:20	1
Benzene	ND		1.0	0.41	ug/L			07/09/14 18:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/14 18:20	1
Bromoform	ND		1.0	0.26	ug/L			07/09/14 18:20	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/14 18:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/14 18:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/14 18:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/14 18:20	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/14 18:20	1
Chloroform	ND		1.0	0.34	ug/L			07/09/14 18:20	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/14 18:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/14 18:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/14 18:20	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/14 18:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/14 18:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/14 18:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/14 18:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/14 18:20	1
Methyl acetate	ND		2.5	0.50	ug/L			07/09/14 18:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/14 18:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/14 18:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/14 18:20	1
Styrene	ND		1.0	0.73	ug/L			07/09/14 18:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/14 18:20	1
Toluene	ND		1.0	0.51	ug/L			07/09/14 18:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/14 18:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/14 18:20	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/14 18:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/14 18:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/14 18:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/14 18:20	1

Client Sample ID: BCC Area A_DMH-A3D_0614

Lab Sample ID: 480-62965-2

Date Collected: 06/30/14 14:00

Matrix: Water

Date Received: 06/30/14 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*07/09/14 18:20*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*07/09/14 18:20*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*07/09/14 18:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.14	ug/L		07/07/14 08:51	07/10/14 14:43	1
Acenaphthylene	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
Acetophenone	ND		9.7	0.78	ug/L		07/07/14 08:51	07/10/14 14:43	1
Aniline	ND		9.7	0.70	ug/L		07/07/14 08:51	07/10/14 14:43	1
Anthracene	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
Atrazine	ND	*	9.7	0.87	ug/L		07/07/14 08:51	07/10/14 14:43	1
Benzaldehyde	ND		9.7	1.5	ug/L		07/07/14 08:51	07/10/14 14:43	1
Benzo(a)anthracene	ND		1.9	0.14	ug/L		07/07/14 08:51	07/10/14 14:43	1
Benzo(b)fluoranthene	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
Benzo(k)fluoranthene	ND		1.9	0.53	ug/L		07/07/14 08:51	07/10/14 14:43	1
Benzo(g,h,i)perylene	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
Benzo(a)pyrene	ND		1.9	0.13	ug/L		07/07/14 08:51	07/10/14 14:43	1
Biphenyl	ND		9.7	0.40	ug/L		07/07/14 08:51	07/10/14 14:43	1
Bis(2-chloroethoxy)methane	ND		9.7	0.56	ug/L		07/07/14 08:51	07/10/14 14:43	1
Bis(2-chloroethyl)ether	ND		1.9	0.24	ug/L		07/07/14 08:51	07/10/14 14:43	1
bis (2-chloroisopropyl) ether	ND		1.9	0.19	ug/L		07/07/14 08:51	07/10/14 14:43	1
Bis(2-ethylhexyl) phthalate	ND		19	12	ug/L		07/07/14 08:51	07/10/14 14:43	1
4-Bromophenyl phenyl ether	ND		9.7	0.62	ug/L		07/07/14 08:51	07/10/14 14:43	1
Butyl benzyl phthalate	ND		9.7	1.4	ug/L		07/07/14 08:51	07/10/14 14:43	1
Caprolactam	ND		49	12	ug/L		07/07/14 08:51	07/10/14 14:43	1
Carbazole	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
4-Chloroaniline	ND		9.7	0.86	ug/L		07/07/14 08:51	07/10/14 14:43	1
4-Chloro-3-methylphenol	ND		9.7	0.73	ug/L		07/07/14 08:51	07/10/14 14:43	1
2-Chloronaphthalene	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
2-Chlorophenol	ND		9.7	1.6	ug/L		07/07/14 08:51	07/10/14 14:43	1
4-Chlorophenyl phenyl ether	ND		9.7	0.49	ug/L		07/07/14 08:51	07/10/14 14:43	1
Chrysene	ND		1.9	0.14	ug/L		07/07/14 08:51	07/10/14 14:43	1
Dibenz(a,h)anthracene	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
Dibenzofuran	ND		9.7	0.60	ug/L		07/07/14 08:51	07/10/14 14:43	1
Di-n-butyl phthalate	ND		9.7	1.2	ug/L		07/07/14 08:51	07/10/14 14:43	1
3,3'-Dichlorobenzidine	ND		9.7	1.1	ug/L		07/07/14 08:51	07/10/14 14:43	1
2,4-Dichlorophenol	ND		1.9	0.32	ug/L		07/07/14 08:51	07/10/14 14:43	1
Diethyl phthalate	ND		9.7	1.4	ug/L		07/07/14 08:51	07/10/14 14:43	1
2,4-Dimethylphenol	ND		9.7	0.83	ug/L		07/07/14 08:51	07/10/14 14:43	1
Dimethyl phthalate	ND		9.7	0.74	ug/L		07/07/14 08:51	07/10/14 14:43	1
4,6-Dinitro-2-methylphenol	ND		49	2.1	ug/L		07/07/14 08:51	07/10/14 14:43	1
2,4-Dinitrophenol	ND		49	6.0	ug/L		07/07/14 08:51	07/10/14 14:43	1
2,4-Dinitrotoluene	ND		9.7	0.52	ug/L		07/07/14 08:51	07/10/14 14:43	1
2,6-Dinitrotoluene	ND		9.7	0.77	ug/L		07/07/14 08:51	07/10/14 14:43	1
Di-n-octyl phthalate	ND		9.7	2.0	ug/L		07/07/14 08:51	07/10/14 14:43	1
Fluoranthene	ND		1.9	0.16	ug/L		07/07/14 08:51	07/10/14 14:43	1
Fluorene	ND		1.9	0.21	ug/L		07/07/14 08:51	07/10/14 14:43	1
Hexachlorobenzene	ND		1.9	0.18	ug/L		07/07/14 08:51	07/10/14 14:43	1
Hexachlorobutadiene	ND		1.9	0.16	ug/L		07/07/14 08:51	07/10/14 14:43	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: BCC Area A_DMH-A3D_0614
Date Collected: 06/30/14 14:00
Date Received: 06/30/14 16:10

Lab Sample ID: 480-62965-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		9.7	0.50	ug/L		07/07/14 08:51	07/10/14 14:43	1
Hexachloroethane	ND		9.7	0.61	ug/L		07/07/14 08:51	07/10/14 14:43	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.19	ug/L		07/07/14 08:51	07/10/14 14:43	1
Isophorone	ND		9.7	0.63	ug/L		07/07/14 08:51	07/10/14 14:43	1
2-Methylnaphthalene	ND		1.9	0.12	ug/L		07/07/14 08:51	07/10/14 14:43	1
2-Methylphenol	ND		9.7	0.84	ug/L		07/07/14 08:51	07/10/14 14:43	1
4-Methylphenol	ND		9.7	0.88	ug/L		07/07/14 08:51	07/10/14 14:43	1
Naphthalene	ND		1.9	0.14	ug/L		07/07/14 08:51	07/10/14 14:43	1
2-Nitroaniline	ND		49	3.4	ug/L		07/07/14 08:51	07/10/14 14:43	1
3-Nitroaniline	ND		49	3.1	ug/L		07/07/14 08:51	07/10/14 14:43	1
4-Nitroaniline	ND		49	1.7	ug/L		07/07/14 08:51	07/10/14 14:43	1
Nitrobenzene	ND		19	0.82	ug/L		07/07/14 08:51	07/10/14 14:43	1
2-Nitrophenol	ND		9.7	1.7	ug/L		07/07/14 08:51	07/10/14 14:43	1
4-Nitrophenol	ND		49	6.3	ug/L		07/07/14 08:51	07/10/14 14:43	1
N-Nitrosodiphenylamine	ND		9.7	0.83	ug/L		07/07/14 08:51	07/10/14 14:43	1
N-Nitrosodi-n-propylamine	ND		1.9	0.30	ug/L		07/07/14 08:51	07/10/14 14:43	1
Pentachlorophenol	ND		9.7	0.64	ug/L		07/07/14 08:51	07/10/14 14:43	1
Phenanthrene	ND		1.9	0.41	ug/L		07/07/14 08:51	07/10/14 14:43	1
Phenol	ND		1.9	0.56	ug/L		07/07/14 08:51	07/10/14 14:43	1
Pyrene	ND		1.9	0.15	ug/L		07/07/14 08:51	07/10/14 14:43	1
2,4,5-Trichlorophenol	ND		9.7	1.5	ug/L		07/07/14 08:51	07/10/14 14:43	1
2,4,6-Trichlorophenol	ND		9.7	1.7	ug/L		07/07/14 08:51	07/10/14 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*35 - 108*	*07/07/14 08:51*	*07/10/14 14:43*	*1*
2-Fluorophenol	*51*		*26 - 100*	*07/07/14 08:51*	*07/10/14 14:43*	*1*
2,4,6-Tribromophenol	*62*		*33 - 122*	*07/07/14 08:51*	*07/10/14 14:43*	*1*
Nitrobenzene-d5	*66*		*37 - 104*	*07/07/14 08:51*	*07/10/14 14:43*	*1*
Phenol-d5	*51*		*30 - 102*	*07/07/14 08:51*	*07/10/14 14:43*	*1*
Terphenyl-d14 (Surr)	*30*		*25 - 130*	*07/07/14 08:51*	*07/10/14 14:43*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: TRIP BLANK
Date Collected: 06/30/14 00:00
Date Received: 06/30/14 16:10

Lab Sample ID: 480-62965-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/14 18:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/14 18:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/14 18:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/14 18:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/14 18:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/14 18:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/14 18:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/14 18:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/14 18:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/14 18:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/14 18:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/14 18:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/14 18:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/14 18:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/14 18:42	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/14 18:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/14 18:42	1
Acetone	ND		10	3.0	ug/L			07/09/14 18:42	1
Benzene	ND		1.0	0.41	ug/L			07/09/14 18:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/14 18:42	1
Bromoform	ND		1.0	0.26	ug/L			07/09/14 18:42	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/14 18:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/14 18:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/14 18:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/14 18:42	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/14 18:42	1
Chloroform	ND		1.0	0.34	ug/L			07/09/14 18:42	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/14 18:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/14 18:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/14 18:42	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/14 18:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/14 18:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/14 18:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/14 18:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/14 18:42	1
Methyl acetate	ND		2.5	0.50	ug/L			07/09/14 18:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/14 18:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/14 18:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/14 18:42	1
Styrene	ND		1.0	0.73	ug/L			07/09/14 18:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/14 18:42	1
Toluene	ND		1.0	0.51	ug/L			07/09/14 18:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/14 18:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/14 18:42	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/14 18:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/14 18:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/14 18:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/14 18:42	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: TRIP BLANK
Date Collected: 06/30/14 00:00
Date Received: 06/30/14 16:10

Lab Sample ID: 480-62965-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		07/09/14 18:42	1
4-Bromofluorobenzene (Surr)	91		73 - 120		07/09/14 18:42	1
Toluene-d8 (Surr)	101		71 - 126		07/09/14 18:42	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-62965-1	BCC Area A_DMH-A3_0614	103	91	102
480-62965-1 MS	BCC Area A_DMH-A3_0614	101	98	100
480-62965-1 MSD	BCC Area A_DMH-A3_0614	104	98	101
480-62965-2	BCC Area A_DMH-A3D_0614	101	90	101
480-62965-3	TRIP BLANK	101	91	101
LCS 480-191855/6	Lab Control Sample	104	102	102
MB 480-191855/8	Method Blank	101	92	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(35-108)	(26-100)	(33-122)	(37-104)	(30-102)	(25-130)
480-62965-1	BCC Area A_DMH-A3_0614	57	42	59	59	43	35
480-62965-1 MS	BCC Area A_DMH-A3_0614	64	51	66	69	48	24 X
480-62965-1 MSD	BCC Area A_DMH-A3_0614	62	50	66	65	48	23 X
480-62965-2	BCC Area A_DMH-A3D_0614	70	51	62	66	51	30
LCS 180-110592/2-A	Lab Control Sample	65	57	68	64	57	73
MB 180-110592/1-A	Method Blank	59	59	58	62	52	77

Surrogate Legend

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

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

Lab Sample ID: MB 480-191855/8
Matrix: Water
Analysis Batch: 191855

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/14 11:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/14 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/14 11:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/14 11:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/14 11:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/14 11:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/14 11:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/14 11:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/14 11:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/14 11:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/14 11:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/14 11:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/14 11:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/14 11:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/14 11:57	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/14 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/14 11:57	1
Acetone	ND		10	3.0	ug/L			07/09/14 11:57	1
Benzene	ND		1.0	0.41	ug/L			07/09/14 11:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/14 11:57	1
Bromoform	ND		1.0	0.26	ug/L			07/09/14 11:57	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/14 11:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/14 11:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/14 11:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/14 11:57	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/14 11:57	1
Chloroform	ND		1.0	0.34	ug/L			07/09/14 11:57	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/14 11:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/14 11:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/14 11:57	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/14 11:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/14 11:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/14 11:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/14 11:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/14 11:57	1
Methyl acetate	ND		2.5	0.50	ug/L			07/09/14 11:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/14 11:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/14 11:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/14 11:57	1
Styrene	ND		1.0	0.73	ug/L			07/09/14 11:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/14 11:57	1
Toluene	ND		1.0	0.51	ug/L			07/09/14 11:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/14 11:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/14 11:57	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/14 11:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/14 11:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/14 11:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/14 11:57	1

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

Lab Sample ID: MB 480-191855/8
Matrix: Water
Analysis Batch: 191855

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		07/09/14 11:57	1
4-Bromofluorobenzene (Surr)	92		73 - 120		07/09/14 11:57	1
Toluene-d8 (Surr)	101		71 - 126		07/09/14 11:57	1

Lab Sample ID: LCS 480-191855/6
Matrix: Water
Analysis Batch: 191855

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.4		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.0		ug/L		104	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.1		ug/L		105	52 - 148
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122
1,1-Dichloroethane	25.0	30.1		ug/L		120	71 - 129
1,1-Dichloroethene	25.0	27.1		ug/L		108	58 - 121
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.6		ug/L		102	56 - 134
1,2-Dibromoethane	25.0	26.1		ug/L		104	77 - 120
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.7		ug/L		103	75 - 127
1,2-Dichloropropane	25.0	26.6		ug/L		107	76 - 120
1,3-Dichlorobenzene	25.0	26.4		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	75 - 120
2-Butanone (MEK)	125	138		ug/L		110	57 - 140
2-Hexanone	125	138		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	26.0		ug/L		104	71 - 124
Bromodichloromethane	25.0	25.3		ug/L		101	80 - 122
Bromoform	25.0	19.5		ug/L		78	52 - 132
Bromomethane	25.0	28.9		ug/L		115	55 - 144
Carbon disulfide	25.0	30.1		ug/L		120	59 - 134
Carbon tetrachloride	25.0	22.5		ug/L		90	72 - 134
Chlorobenzene	25.0	25.7		ug/L		103	72 - 120
Chloroethane	25.0	29.4		ug/L		118	69 - 136
Chloroform	25.0	25.8		ug/L		103	73 - 127
Chloromethane	25.0	27.6		ug/L		110	68 - 124
cis-1,2-Dichloroethene	25.0	26.4		ug/L		106	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Cyclohexane	25.0	25.5		ug/L		102	59 - 135
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	29.1		ug/L		117	59 - 135
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Isopropylbenzene	25.0	26.4		ug/L		106	77 - 122
Methyl acetate	125	134		ug/L		107	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		102	64 - 127
Methylcyclohexane	25.0	22.0		ug/L		88	61 - 138

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

Lab Sample ID: LCS 480-191855/6
Matrix: Water
Analysis Batch: 191855

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	26.6		ug/L		106	57 - 132
Styrene	25.0	26.8		ug/L		107	70 - 130
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	26.0		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	26.9		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	24.7		ug/L		99	72 - 123
Trichloroethene	25.0	26.2		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	28.3		ug/L		113	62 - 152
Vinyl chloride	25.0	28.9		ug/L		115	65 - 133
Xylenes, Total	50.0	52.1		ug/L		104	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*102*		*71 - 126*

Lab Sample ID: 480-62965-1 MS
Matrix: Water
Analysis Batch: 191855

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	20.9		ug/L		83	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.6		ug/L		94	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.5		ug/L		102	52 - 148
1,1,2-Trichloroethane	ND		25.0	22.9		ug/L		92	76 - 122
1,1-Dichloroethane	ND		25.0	22.1		ug/L		88	71 - 129
1,1-Dichloroethene	ND		25.0	23.3		ug/L		93	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	22.4		ug/L		89	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	20.2		ug/L		81	56 - 134
1,2-Dibromoethane	ND		25.0	22.3		ug/L		89	77 - 120
1,2-Dichlorobenzene	ND		25.0	22.3		ug/L		89	80 - 124
1,2-Dichloroethane	ND		25.0	22.9		ug/L		91	75 - 127
1,2-Dichloropropane	ND		25.0	23.0		ug/L		92	76 - 120
1,3-Dichlorobenzene	ND		25.0	22.4		ug/L		90	77 - 120
1,4-Dichlorobenzene	ND		25.0	22.1		ug/L		88	75 - 120
2-Butanone (MEK)	ND		125	123		ug/L		99	57 - 140
2-Hexanone	ND		125	128		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		104	71 - 125
Acetone	3.5	J	125	124		ug/L		97	56 - 142
Benzene	ND		25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	ND		25.0	20.5		ug/L		82	80 - 122
Bromoform	ND		25.0	15.6		ug/L		63	52 - 132
Bromomethane	ND		25.0	28.6		ug/L		114	55 - 144
Carbon disulfide	ND		25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	ND		25.0	18.2		ug/L		73	72 - 134
Chlorobenzene	ND		25.0	22.5		ug/L		90	72 - 120
Chloroethane	ND		25.0	26.9		ug/L		108	69 - 136

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

Lab Sample ID: 480-62965-1 MS
Matrix: Water
Analysis Batch: 191855

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	22.4		ug/L		89	73 - 127
Chloromethane	ND		25.0	23.0		ug/L		92	68 - 124
cis-1,2-Dichloroethene	ND		25.0	22.3		ug/L		89	74 - 124
cis-1,3-Dichloropropene	ND		25.0	19.1		ug/L		76	74 - 124
Cyclohexane	ND		25.0	24.9		ug/L		100	59 - 135
Dibromochloromethane	ND		25.0	19.0		ug/L		76	75 - 125
Dichlorodifluoromethane	ND		25.0	28.1		ug/L		112	59 - 135
Ethylbenzene	ND		25.0	23.1		ug/L		92	77 - 123
Isopropylbenzene	ND		25.0	22.9		ug/L		92	77 - 122
Methyl acetate	ND		125	118		ug/L		95	74 - 133
Methyl tert-butyl ether	ND		25.0	21.4		ug/L		86	64 - 127
Methylcyclohexane	ND		25.0	21.5		ug/L		86	61 - 138
Methylene Chloride	ND		25.0	22.9		ug/L		92	57 - 132
Styrene	ND		25.0	23.2		ug/L		93	70 - 130
Tetrachloroethene	ND		25.0	23.0		ug/L		92	74 - 122
Toluene	ND		25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	ND		25.0	23.0		ug/L		92	73 - 127
trans-1,3-Dichloropropene	ND		25.0	18.7		ug/L		75	72 - 123
Trichloroethene	ND		25.0	22.3		ug/L		89	74 - 123
Trichlorofluoromethane	ND		25.0	26.7		ug/L		107	62 - 152
Vinyl chloride	ND		25.0	25.6		ug/L		102	65 - 133
Xylenes, Total	ND		50.0	45.5		ug/L		91	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: 480-62965-1 MSD
Matrix: Water
Analysis Batch: 191855

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	26.2	F2	ug/L		105	73 - 126	23	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.6		ug/L		106	70 - 126	12	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.1		ug/L		120	52 - 148	17	20
1,1,2-Trichloroethane	ND		25.0	26.3		ug/L		105	76 - 122	14	15
1,1-Dichloroethane	ND		25.0	30.3	F2	ug/L		121	71 - 129	31	20
1,1-Dichloroethene	ND		25.0	27.2		ug/L		109	58 - 121	16	16
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	70 - 122	16	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.4		ug/L		94	56 - 134	15	15
1,2-Dibromoethane	ND		25.0	25.6		ug/L		103	77 - 120	14	15
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		102	80 - 124	13	20
1,2-Dichloroethane	ND		25.0	26.0		ug/L		104	75 - 127	13	20
1,2-Dichloropropane	ND		25.0	26.7		ug/L		107	76 - 120	15	20
1,3-Dichlorobenzene	ND		25.0	25.8		ug/L		103	77 - 120	14	20
1,4-Dichlorobenzene	ND		25.0	25.2		ug/L		101	75 - 120	13	20

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

Lab Sample ID: 480-62965-1 MSD
Matrix: Water
Analysis Batch: 191855

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	138		ug/L		110	57 - 140	11	20
2-Hexanone	ND		125	143		ug/L		115	65 - 127	11	15
4-Methyl-2-pentanone (MIBK)	ND		125	144		ug/L		115	71 - 125	11	35
Acetone	3.5	J	125	138		ug/L		108	56 - 142	10	15
Benzene	ND		25.0	26.1		ug/L		104	71 - 124	13	13
Bromodichloromethane	ND		25.0	24.6	F2	ug/L		98	80 - 122	18	15
Bromoform	ND		25.0	18.3	F2	ug/L		73	52 - 132	16	15
Bromomethane	ND		25.0	33.6	F2	ug/L		134	55 - 144	16	15
Carbon disulfide	ND		25.0	27.7		ug/L		111	59 - 134	15	15
Carbon tetrachloride	ND		25.0	21.6	F2	ug/L		86	72 - 134	17	15
Chlorobenzene	ND		25.0	25.5		ug/L		102	72 - 120	12	25
Chloroethane	ND		25.0	31.1		ug/L		125	69 - 136	15	15
Chloroform	ND		25.0	25.9		ug/L		104	73 - 127	15	20
Chloromethane	ND		25.0	28.3	F2	ug/L		113	68 - 124	21	15
cis-1,2-Dichloroethene	ND		25.0	25.9		ug/L		104	74 - 124	15	15
cis-1,3-Dichloropropene	ND		25.0	23.4	F2	ug/L		94	74 - 124	20	15
Cyclohexane	ND		25.0	28.2		ug/L		113	59 - 135	12	20
Dibromochloromethane	ND		25.0	22.6	F2	ug/L		90	75 - 125	17	15
Dichlorodifluoromethane	ND		25.0	34.3	F1	ug/L		137	59 - 135	20	20
Ethylbenzene	ND		25.0	26.2		ug/L		105	77 - 123	12	15
Isopropylbenzene	ND		25.0	26.1		ug/L		104	77 - 122	13	20
Methyl acetate	ND		125	133		ug/L		106	74 - 133	12	20
Methyl tert-butyl ether	ND		25.0	25.1		ug/L		100	64 - 127	16	37
Methylcyclohexane	ND		25.0	24.9		ug/L		100	61 - 138	15	20
Methylene Chloride	ND		25.0	26.7		ug/L		107	57 - 132	15	15
Styrene	ND		25.0	26.1		ug/L		104	70 - 130	12	20
Tetrachloroethene	ND		25.0	26.1		ug/L		104	74 - 122	12	20
Toluene	ND		25.0	25.8		ug/L		103	80 - 122	12	15
trans-1,2-Dichloroethene	ND		25.0	26.6		ug/L		106	73 - 127	15	20
trans-1,3-Dichloropropene	ND		25.0	22.6	F2	ug/L		91	72 - 123	19	15
Trichloroethene	ND		25.0	25.8		ug/L		103	74 - 123	15	16
Trichlorofluoromethane	ND		25.0	31.6		ug/L		127	62 - 152	17	20
Vinyl chloride	ND		25.0	30.9	F2	ug/L		123	65 - 133	19	15
Xylenes, Total	ND		50.0	51.8		ug/L		104	76 - 122	13	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

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

Lab Sample ID: MB 180-110592/1-A
Matrix: Water
Analysis Batch: 110866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.14	ug/L		07/07/14 08:51	07/09/14 12:39	1

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

Lab Sample ID: MB 180-110592/1-A
Matrix: Water
Analysis Batch: 110866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 12:39	1
Acetophenone	ND		10	0.80	ug/L		07/07/14 08:51	07/09/14 12:39	1
Aniline	ND		10	0.72	ug/L		07/07/14 08:51	07/09/14 12:39	1
Anthracene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 12:39	1
Atrazine	ND		10	0.89	ug/L		07/07/14 08:51	07/09/14 12:39	1
Benzaldehyde	ND		10	1.5	ug/L		07/07/14 08:51	07/09/14 12:39	1
Benzo(a)anthracene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 12:39	1
Benzo(b)fluoranthene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 12:39	1
Benzo(k)fluoranthene	ND		2.0	0.55	ug/L		07/07/14 08:51	07/09/14 12:39	1
Benzo(g,h,i)perylene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 12:39	1
Benzo(a)pyrene	ND		2.0	0.13	ug/L		07/07/14 08:51	07/09/14 12:39	1
Biphenyl	ND		10	0.42	ug/L		07/07/14 08:51	07/09/14 12:39	1
Bis(2-chloroethoxy)methane	ND		10	0.58	ug/L		07/07/14 08:51	07/09/14 12:39	1
Bis(2-chloroethyl)ether	ND		2.0	0.25	ug/L		07/07/14 08:51	07/09/14 12:39	1
bis (2-chloroisopropyl) ether	ND		2.0	0.20	ug/L		07/07/14 08:51	07/09/14 12:39	1
Bis(2-ethylhexyl) phthalate	ND		20	13	ug/L		07/07/14 08:51	07/09/14 12:39	1
4-Bromophenyl phenyl ether	ND		10	0.64	ug/L		07/07/14 08:51	07/09/14 12:39	1
Butyl benzyl phthalate	ND		10	1.4	ug/L		07/07/14 08:51	07/09/14 12:39	1
Caprolactam	ND		50	12	ug/L		07/07/14 08:51	07/09/14 12:39	1
Carbazole	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 12:39	1
4-Chloroaniline	ND		10	0.89	ug/L		07/07/14 08:51	07/09/14 12:39	1
4-Chloro-3-methylphenol	ND		10	0.75	ug/L		07/07/14 08:51	07/09/14 12:39	1
2-Chloronaphthalene	ND		2.0	0.15	ug/L		07/07/14 08:51	07/09/14 12:39	1
2-Chlorophenol	ND		10	1.7	ug/L		07/07/14 08:51	07/09/14 12:39	1
4-Chlorophenyl phenyl ether	ND		10	0.50	ug/L		07/07/14 08:51	07/09/14 12:39	1
Chrysene	ND		2.0	0.14	ug/L		07/07/14 08:51	07/09/14 12:39	1
Dibenz(a,h)anthracene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 12:39	1
Dibenzofuran	ND		10	0.62	ug/L		07/07/14 08:51	07/09/14 12:39	1
Di-n-butyl phthalate	ND		10	1.2	ug/L		07/07/14 08:51	07/09/14 12:39	1
3,3'-Dichlorobenzidine	ND		10	1.1	ug/L		07/07/14 08:51	07/09/14 12:39	1
2,4-Dichlorophenol	ND		2.0	0.33	ug/L		07/07/14 08:51	07/09/14 12:39	1
Diethyl phthalate	ND		10	1.5	ug/L		07/07/14 08:51	07/09/14 12:39	1
2,4-Dimethylphenol	ND		10	0.85	ug/L		07/07/14 08:51	07/09/14 12:39	1
Dimethyl phthalate	ND		10	0.77	ug/L		07/07/14 08:51	07/09/14 12:39	1
4,6-Dinitro-2-methylphenol	ND		50	2.2	ug/L		07/07/14 08:51	07/09/14 12:39	1
2,4-Dinitrophenol	ND		50	6.1	ug/L		07/07/14 08:51	07/09/14 12:39	1
2,4-Dinitrotoluene	ND		10	0.54	ug/L		07/07/14 08:51	07/09/14 12:39	1
2,6-Dinitrotoluene	ND		10	0.80	ug/L		07/07/14 08:51	07/09/14 12:39	1
Di-n-octyl phthalate	ND		10	2.1	ug/L		07/07/14 08:51	07/09/14 12:39	1
Fluoranthene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 12:39	1
Fluorene	ND		2.0	0.22	ug/L		07/07/14 08:51	07/09/14 12:39	1
Hexachlorobenzene	ND		2.0	0.18	ug/L		07/07/14 08:51	07/09/14 12:39	1
Hexachlorobutadiene	ND		2.0	0.17	ug/L		07/07/14 08:51	07/09/14 12:39	1
Hexachlorocyclopentadiene	ND		10	0.52	ug/L		07/07/14 08:51	07/09/14 12:39	1
Hexachloroethane	ND		10	0.63	ug/L		07/07/14 08:51	07/09/14 12:39	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.20	ug/L		07/07/14 08:51	07/09/14 12:39	1
Isophorone	ND		10	0.64	ug/L		07/07/14 08:51	07/09/14 12:39	1
2-Methylnaphthalene	ND		2.0	0.12	ug/L		07/07/14 08:51	07/09/14 12:39	1

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

Lab Sample ID: MB 180-110592/1-A
Matrix: Water
Analysis Batch: 110866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10	0.86	ug/L		07/07/14 08:51	07/09/14 12:39	1
4-Methylphenol	ND		10	0.90	ug/L		07/07/14 08:51	07/09/14 12:39	1
Naphthalene	ND		2.0	0.14	ug/L		07/07/14 08:51	07/09/14 12:39	1
2-Nitroaniline	ND		50	3.5	ug/L		07/07/14 08:51	07/09/14 12:39	1
3-Nitroaniline	ND		50	3.2	ug/L		07/07/14 08:51	07/09/14 12:39	1
4-Nitroaniline	ND		50	1.7	ug/L		07/07/14 08:51	07/09/14 12:39	1
Nitrobenzene	ND		20	0.84	ug/L		07/07/14 08:51	07/09/14 12:39	1
2-Nitrophenol	ND		10	1.7	ug/L		07/07/14 08:51	07/09/14 12:39	1
4-Nitrophenol	ND		50	6.5	ug/L		07/07/14 08:51	07/09/14 12:39	1
N-Nitrosodiphenylamine	ND		10	0.85	ug/L		07/07/14 08:51	07/09/14 12:39	1
N-Nitrosodi-n-propylamine	ND		2.0	0.31	ug/L		07/07/14 08:51	07/09/14 12:39	1
Pentachlorophenol	ND		10	0.66	ug/L		07/07/14 08:51	07/09/14 12:39	1
Phenanthrene	ND		2.0	0.43	ug/L		07/07/14 08:51	07/09/14 12:39	1
Phenol	ND		2.0	0.58	ug/L		07/07/14 08:51	07/09/14 12:39	1
Pyrene	ND		2.0	0.16	ug/L		07/07/14 08:51	07/09/14 12:39	1
2,4,5-Trichlorophenol	ND		10	1.5	ug/L		07/07/14 08:51	07/09/14 12:39	1
2,4,6-Trichlorophenol	ND		10	1.7	ug/L		07/07/14 08:51	07/09/14 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*35 - 108*	*07/07/14 08:51*	*07/09/14 12:39*	*1*
2-Fluorophenol	*59*		*26 - 100*	*07/07/14 08:51*	*07/09/14 12:39*	*1*
2,4,6-Tribromophenol	*58*		*33 - 122*	*07/07/14 08:51*	*07/09/14 12:39*	*1*
Nitrobenzene-d5	*62*		*37 - 104*	*07/07/14 08:51*	*07/09/14 12:39*	*1*
Phenol-d5	*52*		*30 - 102*	*07/07/14 08:51*	*07/09/14 12:39*	*1*
Terphenyl-d14 (Surr)	*77*		*25 - 130*	*07/07/14 08:51*	*07/09/14 12:39*	*1*

Lab Sample ID: LCS 180-110592/2-A
Matrix: Water
Analysis Batch: 110866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	200	127		ug/L		63	39 - 106
Acenaphthylene	200	119		ug/L		60	40 - 113
Acetophenone	200	110		ug/L		55	30 - 150
Aniline	200	127		ug/L		64	15 - 97
Anthracene	200	134		ug/L		67	37 - 108
Atrazine	200	382	*	ug/L		191	30 - 150
Benzaldehyde	200	115		ug/L		58	30 - 150
Benzo(a)anthracene	200	126		ug/L		63	40 - 103
Benzo(b)fluoranthene	200	120		ug/L		60	35 - 100
Benzo(k)fluoranthene	200	133		ug/L		67	37 - 108
Benzo(g,h,i)perylene	200	129		ug/L		65	31 - 118
Benzo(a)pyrene	200	135		ug/L		67	37 - 105
Biphenyl	200	124		ug/L		62	10 - 140
Bis(2-chloroethoxy)methane	200	110		ug/L		55	36 - 101
Bis(2-chloroethyl)ether	200	99.1		ug/L		50	34 - 96
bis (2-chloroisopropyl) ether	200	87.7		ug/L		44	30 - 100
Bis(2-ethylhexyl) phthalate	200	119		ug/L		60	35 - 112

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

Lab Sample ID: LCS 180-110592/2-A
Matrix: Water
Analysis Batch: 110866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	200	147		ug/L		74	38 - 108
Butyl benzyl phthalate	200	122		ug/L		61	34 - 110
Caprolactam	200	111		ug/L		56	10 - 140
Carbazole	200	125		ug/L		62	35 - 113
4-Chloroaniline	200	110		ug/L		55	26 - 99
4-Chloro-3-methylphenol	200	116		ug/L		58	40 - 107
2-Chloronaphthalene	200	119		ug/L		59	37 - 102
2-Chlorophenol	200	106		ug/L		53	34 - 100
4-Chlorophenyl phenyl ether	200	133		ug/L		66	39 - 107
Chrysene	200	129		ug/L		64	39 - 103
Dibenz(a,h)anthracene	200	133		ug/L		66	32 - 117
Dibenzofuran	200	119		ug/L		60	37 - 107
Di-n-butyl phthalate	200	132		ug/L		66	36 - 113
3,3'-Dichlorobenzidine	200	117		ug/L		58	11 - 106
2,4-Dichlorophenol	200	125		ug/L		62	34 - 106
Diethyl phthalate	200	138		ug/L		69	39 - 112
2,4-Dimethylphenol	200	125		ug/L		63	34 - 98
Dimethyl phthalate	200	126		ug/L		63	40 - 110
4,6-Dinitro-2-methylphenol	400	268		ug/L		67	24 - 121
2,4-Dinitrophenol	400	195		ug/L		49	3 - 125
2,4-Dinitrotoluene	200	129		ug/L		65	41 - 117
2,6-Dinitrotoluene	200	129		ug/L		64	42 - 118
Di-n-octyl phthalate	200	121		ug/L		60	27 - 118
Fluoranthene	200	132		ug/L		66	35 - 111
Fluorene	200	125		ug/L		63	39 - 107
Hexachlorobenzene	200	148		ug/L		74	35 - 106
Hexachlorobutadiene	200	132		ug/L		66	30 - 103
Hexachlorocyclopentadiene	200	153		ug/L		76	19 - 116
Hexachloroethane	200	115		ug/L		57	27 - 94
Indeno(1,2,3-cd)pyrene	200	135		ug/L		67	32 - 116
Isophorone	200	123		ug/L		62	39 - 108
2-Methylnaphthalene	200	115		ug/L		58	36 - 101
2-Methylphenol	200	115		ug/L		58	34 - 101
4-Methylphenol	200	114		ug/L		57	34 - 104
Naphthalene	200	114		ug/L		57	35 - 98
2-Nitroaniline	200	136		ug/L		68	37 - 114
3-Nitroaniline	200	112		ug/L		56	32 - 117
4-Nitroaniline	200	116		ug/L		58	32 - 117
Nitrobenzene	200	124		ug/L		62	37 - 103
2-Nitrophenol	200	119		ug/L		60	33 - 108
4-Nitrophenol	400	339		ug/L		85	29 - 120
N-Nitrosodiphenylamine	200	130		ug/L		65	34 - 108
N-Nitrosodi-n-propylamine	200	114		ug/L		57	37 - 106
Pentachlorophenol	400	306		ug/L		76	10 - 118
Phenanthrene	200	126		ug/L		63	34 - 107
Phenol	200	108		ug/L		54	35 - 98
Pyrene	200	122		ug/L		61	36 - 115
2,4,5-Trichlorophenol	200	139		ug/L		70	31 - 111

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

Lab Sample ID: LCS 180-110592/2-A
Matrix: Water
Analysis Batch: 110866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110592

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,6-Trichlorophenol			200	134		ug/L		67	34 - 110		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*35 - 108*
2-Fluorophenol	*57*		*26 - 100*
2,4,6-Tribromophenol	*68*		*33 - 122*
Nitrobenzene-d5	*64*		*37 - 104*
Phenol-d5	*57*		*30 - 102*
Terphenyl-d14 (Surr)	*73*		*25 - 130*

Lab Sample ID: 480-62965-1 MS
Matrix: Water
Analysis Batch: 110866

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA
Prep Batch: 110592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene	ND		202	129		ug/L		64	39 - 106		
Acenaphthylene	ND		202	122		ug/L		60	40 - 113		
Acetophenone	ND		202	111		ug/L		55	30 - 150		
Aniline	ND		202	108		ug/L		54	15 - 97		
Anthracene	ND		202	132		ug/L		65	37 - 108		
Atrazine	ND	*	202	389	F1	ug/L		193	30 - 150		
Benzaldehyde	ND		202	141		ug/L		70	30 - 150		
Benzo(a)anthracene	ND		202	124		ug/L		61	40 - 103		
Benzo(b)fluoranthene	ND		202	110		ug/L		55	35 - 100		
Benzo(k)fluoranthene	ND		202	122		ug/L		60	37 - 108		
Benzo(g,h,i)perylene	ND		202	151		ug/L		75	31 - 118		
Benzo(a)pyrene	ND		202	123		ug/L		61	37 - 105		
Biphenyl	ND		202	127		ug/L		63	10 - 140		
Bis(2-chloroethoxy)methane	ND		202	115		ug/L		57	36 - 101		
Bis(2-chloroethyl)ether	ND		202	102		ug/L		50	34 - 96		
bis (2-chloroisopropyl) ether	ND		202	92.4		ug/L		46	30 - 100		
Bis(2-ethylhexyl) phthalate	ND		202	123		ug/L		61	35 - 112		
4-Bromophenyl phenyl ether	ND		202	155		ug/L		77	38 - 108		
Butyl benzyl phthalate	ND		202	122		ug/L		60	34 - 110		
Caprolactam	ND		202	107		ug/L		53	10 - 140		
Carbazole	ND		202	133		ug/L		66	35 - 113		
4-Chloroaniline	ND		202	112		ug/L		55	26 - 99		
4-Chloro-3-methylphenol	ND		202	123		ug/L		61	40 - 107		
2-Chloronaphthalene	ND		202	119		ug/L		59	37 - 102		
2-Chlorophenol	ND		202	103		ug/L		51	34 - 100		
4-Chlorophenyl phenyl ether	ND		202	135		ug/L		67	39 - 107		
Chrysene	ND		202	125		ug/L		62	39 - 103		
Dibenz(a,h)anthracene	ND		202	150		ug/L		74	32 - 117		
Dibenzofuran	ND		202	125		ug/L		62	37 - 107		
Di-n-butyl phthalate	ND		202	137		ug/L		68	36 - 113		
3,3'-Dichlorobenzidine	ND		202	77.8		ug/L		39	11 - 106		
2,4-Dichlorophenol	ND		202	122		ug/L		61	34 - 106		
Diethyl phthalate	ND		202	145		ug/L		72	39 - 112		

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

Lab Sample ID: 480-62965-1 MS
Matrix: Water
Analysis Batch: 110866

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA
Prep Batch: 110592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	ND		202	109		ug/L		54	34 - 98
Dimethyl phthalate	ND		202	134		ug/L		67	40 - 110
4,6-Dinitro-2-methylphenol	ND		404	264		ug/L		65	24 - 121
2,4-Dinitrophenol	ND		404	197		ug/L		49	3 - 125
2,4-Dinitrotoluene	ND		202	142		ug/L		70	41 - 117
2,6-Dinitrotoluene	ND		202	146		ug/L		72	42 - 118
Di-n-octyl phthalate	ND		202	116		ug/L		57	27 - 118
Fluoranthene	ND		202	138		ug/L		68	35 - 111
Fluorene	ND		202	128		ug/L		63	39 - 107
Hexachlorobenzene	ND		202	142		ug/L		70	35 - 106
Hexachlorobutadiene	ND		202	121		ug/L		60	30 - 103
Hexachlorocyclopentadiene	ND		202	27.6	F1	ug/L		14	19 - 116
Hexachloroethane	ND		202	97.7		ug/L		48	27 - 94
Indeno(1,2,3-cd)pyrene	ND		202	147		ug/L		73	32 - 116
Isophorone	ND		202	137		ug/L		68	39 - 108
2-Methylnaphthalene	ND		202	116		ug/L		57	36 - 101
2-Methylphenol	ND		202	110		ug/L		54	34 - 101
4-Methylphenol	ND		202	99.1		ug/L		49	34 - 104
Naphthalene	ND		202	120		ug/L		59	35 - 98
2-Nitroaniline	ND		202	142		ug/L		70	37 - 114
3-Nitroaniline	ND		202	117		ug/L		58	32 - 117
4-Nitroaniline	ND		202	119		ug/L		59	32 - 117
Nitrobenzene	ND		202	135		ug/L		67	37 - 103
2-Nitrophenol	ND		202	127		ug/L		63	33 - 108
4-Nitrophenol	ND		404	293		ug/L		72	29 - 120
N-Nitrosodiphenylamine	ND		202	135		ug/L		67	34 - 108
N-Nitrosodi-n-propylamine	ND		202	112		ug/L		56	37 - 106
Pentachlorophenol	ND		404	253		ug/L		63	10 - 118
Phenanthrene	ND		202	132		ug/L		65	34 - 107
Phenol	ND		202	96.6		ug/L		48	35 - 98
Pyrene	ND		202	119		ug/L		59	36 - 115
2,4,5-Trichlorophenol	ND		202	132		ug/L		66	31 - 111
2,4,6-Trichlorophenol	ND		202	133		ug/L		66	34 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*64*		*35 - 108*
2-Fluorophenol	*51*		*26 - 100*
2,4,6-Tribromophenol	*66*		*33 - 122*
Nitrobenzene-d5	*69*		*37 - 104*
Phenol-d5	*48*		*30 - 102*
Terphenyl-d14 (Surr)	*24*	*X*	*25 - 130*

Lab Sample ID: 480-62965-1 MSD
Matrix: Water
Analysis Batch: 110866

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA
Prep Batch: 110592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		194	123		ug/L		63	39 - 106	5	32

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

Lab Sample ID: 480-62965-1 MSD | **Client Sample ID: BCC Area A_DMH-A3_0614**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 110866 | **Prep Batch: 110592**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	ND		194	112		ug/L		58	40 - 113	8	33
Acetophenone	ND		194	102		ug/L		53	30 - 150	8	30
Aniline	ND		194	101		ug/L		52	15 - 97	7	48
Anthracene	ND		194	129		ug/L		66	37 - 108	2	40
Atrazine	ND	*	194	389	E F1	ug/L		200	30 - 150	0	30
Benzaldehyde	ND		194	134		ug/L		69	30 - 150	5	30
Benzo(a)anthracene	ND		194	114		ug/L		59	40 - 103	8	33
Benzo(b)fluoranthene	ND		194	100		ug/L		52	35 - 100	10	44
Benzo(k)fluoranthene	ND		194	110		ug/L		57	37 - 108	11	42
Benzo(g,h,i)perylene	ND		194	134		ug/L		69	31 - 118	12	45
Benzo(a)pyrene	ND		194	112		ug/L		58	37 - 105	9	35
Biphenyl	ND		194	118		ug/L		61	10 - 140	8	30
Bis(2-chloroethoxy)methane	ND		194	104		ug/L		54	36 - 101	10	35
Bis(2-chloroethyl)ether	ND		194	98.3		ug/L		51	34 - 96	3	34
bis (2-chloroisopropyl) ether	ND		194	88.1		ug/L		45	30 - 100	5	38
Bis(2-ethylhexyl) phthalate	ND		194	115		ug/L		59	35 - 112	7	34
4-Bromophenyl phenyl ether	ND		194	151		ug/L		78	38 - 108	2	40
Butyl benzyl phthalate	ND		194	118		ug/L		61	34 - 110	3	35
Caprolactam	ND		194	96.0		ug/L		49	10 - 140	10	30
Carbazole	ND		194	129		ug/L		66	35 - 113	3	32
4-Chloroaniline	ND		194	101		ug/L		52	26 - 99	11	55
4-Chloro-3-methylphenol	ND		194	111		ug/L		57	40 - 107	11	32
2-Chloronaphthalene	ND		194	112		ug/L		58	37 - 102	6	34
2-Chlorophenol	ND		194	98.0		ug/L		50	34 - 100	5	31
4-Chlorophenyl phenyl ether	ND		194	129		ug/L		66	39 - 107	5	34
Chrysene	ND		194	118		ug/L		61	39 - 103	6	38
Dibenz(a,h)anthracene	ND		194	133		ug/L		69	32 - 117	12	43
Dibenzofuran	ND		194	122		ug/L		63	37 - 107	2	32
Di-n-butyl phthalate	ND		194	137		ug/L		70	36 - 113	0	39
3,3'-Dichlorobenzidine	ND		194	76.2		ug/L		39	11 - 106	2	56
2,4-Dichlorophenol	ND		194	110		ug/L		57	34 - 106	10	33
Diethyl phthalate	ND		194	136		ug/L		70	39 - 112	6	32
2,4-Dimethylphenol	ND		194	101		ug/L		52	34 - 98	8	34
Dimethyl phthalate	ND		194	130		ug/L		67	40 - 110	4	33
4,6-Dinitro-2-methylphenol	ND		388	258		ug/L		67	24 - 121	2	50
2,4-Dinitrophenol	ND		388	191		ug/L		49	3 - 125	3	62
2,4-Dinitrotoluene	ND		194	132		ug/L		68	41 - 117	8	32
2,6-Dinitrotoluene	ND		194	140		ug/L		72	42 - 118	4	33
Di-n-octyl phthalate	ND		194	106		ug/L		55	27 - 118	9	36
Fluoranthene	ND		194	129		ug/L		66	35 - 111	6	43
Fluorene	ND		194	124		ug/L		64	39 - 107	3	33
Hexachlorobenzene	ND		194	144		ug/L		74	35 - 106	1	36
Hexachlorobutadiene	ND		194	115		ug/L		59	30 - 103	4	41
Hexachlorocyclopentadiene	ND		194	24.2	F1	ug/L		12	19 - 116	13	57
Hexachloroethane	ND		194	97.1		ug/L		50	27 - 94	1	43
Indeno(1,2,3-cd)pyrene	ND		194	131		ug/L		67	32 - 116	12	45
Isophorone	ND		194	124		ug/L		64	39 - 108	10	36
2-Methylnaphthalene	ND		194	107		ug/L		55	36 - 101	9	35

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

Lab Sample ID: 480-62965-1 MSD
Matrix: Water
Analysis Batch: 110866

Client Sample ID: BCC Area A_DMH-A3_0614
Prep Type: Total/NA
Prep Batch: 110592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylphenol	ND		194	105		ug/L		54	34 - 101	5	34
4-Methylphenol	ND		194	89.6		ug/L		46	34 - 104	10	34
Naphthalene	ND		194	107		ug/L		55	35 - 98	12	39
2-Nitroaniline	ND		194	137		ug/L		71	37 - 114	4	33
3-Nitroaniline	ND		194	108		ug/L		56	32 - 117	8	46
4-Nitroaniline	ND		194	116		ug/L		60	32 - 117	3	39
Nitrobenzene	ND		194	123		ug/L		63	37 - 103	9	34
2-Nitrophenol	ND		194	116		ug/L		60	33 - 108	9	41
4-Nitrophenol	ND		388	275		ug/L		71	29 - 120	6	39
N-Nitrosodiphenylamine	ND		194	127		ug/L		65	34 - 108	6	42
N-Nitrosodi-n-propylamine	ND		194	104		ug/L		53	37 - 106	8	36
Pentachlorophenol	ND		388	255		ug/L		66	10 - 118	1	49
Phenanthrene	ND		194	125		ug/L		64	34 - 107	6	34
Phenol	ND		194	89.9		ug/L		46	35 - 98	7	35
Pyrene	ND		194	112		ug/L		58	36 - 115	6	38
2,4,5-Trichlorophenol	ND		194	129		ug/L		66	31 - 111	3	32
2,4,6-Trichlorophenol	ND		194	130		ug/L		67	34 - 110	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*62*		*35 - 108*
2-Fluorophenol	*50*		*26 - 100*
2,4,6-Tribromophenol	*66*		*33 - 122*
Nitrobenzene-d5	*65*		*37 - 104*
Phenol-d5	*48*		*30 - 102*
Terphenyl-d14 (Surr)	*23*	*X*	*25 - 130*

GC/MS VOA

Analysis Batch: 191855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62965-1	BCC Area A_DMH-A3_0614	Total/NA	Water	8260C	
480-62965-1 MS	BCC Area A_DMH-A3_0614	Total/NA	Water	8260C	
480-62965-1 MSD	BCC Area A_DMH-A3_0614	Total/NA	Water	8260C	
480-62965-2	BCC Area A_DMH-A3D_0614	Total/NA	Water	8260C	
480-62965-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-191855/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-191855/8	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 110592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62965-1	BCC Area A_DMH-A3_0614	Total/NA	Water	3520C	
480-62965-1 MS	BCC Area A_DMH-A3_0614	Total/NA	Water	3520C	
480-62965-1 MSD	BCC Area A_DMH-A3_0614	Total/NA	Water	3520C	
480-62965-2	BCC Area A_DMH-A3D_0614	Total/NA	Water	3520C	
LCS 180-110592/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 180-110592/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 110866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62965-1	BCC Area A_DMH-A3_0614	Total/NA	Water	8270D	110592
480-62965-1 MS	BCC Area A_DMH-A3_0614	Total/NA	Water	8270D	110592
480-62965-1 MSD	BCC Area A_DMH-A3_0614	Total/NA	Water	8270D	110592
LCS 180-110592/2-A	Lab Control Sample	Total/NA	Water	8270D	110592
MB 180-110592/1-A	Method Blank	Total/NA	Water	8270D	110592

Analysis Batch: 110995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62965-2	BCC Area A_DMH-A3D_0614	Total/NA	Water	8270D	110592

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Client Sample ID: BCC Area A_DMH-A3_0614

Lab Sample ID: 480-62965-1

Date Collected: 06/30/14 13:30
Matrix: Water
Date Received: 06/30/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191855	07/09/14 17:12	NMD1	TAL BUF
Total/NA	Prep	3520C			110592	07/07/14 08:51	BJT	TAL PIT
Total/NA	Analysis	8270D		1	110866	07/09/14 22:08	VVP	TAL PIT

Client Sample ID: BCC Area A_DMH-A3D_0614

Lab Sample ID: 480-62965-2

Date Collected: 06/30/14 14:00
Matrix: Water
Date Received: 06/30/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191855	07/09/14 18:20	NMD1	TAL BUF
Total/NA	Prep	3520C			110592	07/07/14 08:51	BJT	TAL PIT
Total/NA	Analysis	8270D		1	110995	07/10/14 14:43	VVP	TAL PIT

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-62965-3

Date Collected: 06/30/14 00:00
Matrix: Water
Date Received: 06/30/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	191855	07/09/14 18:42	NMD1	TAL BUF

Laboratory References:

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

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	NELAP	9	4224CA	03-31-14 *
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15
North Carolina (WW/SW)	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-14 *
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-14
West Virginia DEP	State Program	3	142	01-31-15
Wisconsin	State Program	5	998027800	08-31-14

* Certification renewal pending - certification considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT

Protocol References:

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

Laboratory References:

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

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-62965-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-62965-1	BCC Area A_DMH-A3_0614	Water	06/30/14 13:30	06/30/14 16:10
480-62965-2	BCC Area A_DMH-A3D_0614	Water	06/30/14 14:00	06/30/14 16:10
480-62965-3	TRIP BLANK	Water	06/30/14 00:00	06/30/14 16:10

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

480-62965 Chain of Custody

ord

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 6-30-14	COC No: 776405-0614
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area A Storm Sewer	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area A_DMH-A3_ 0614	6/30/14	1330	G	W	5	N	3	2	
BCC_Area A_DMH-A3D_ 0614	6/30/14	1400	G	W	5	N	3	2	
BCC_Area A_DMH-A3MS_ 0614	6/30/14	1430	G	W	5	N	3	2	
BCC_Area A_DMH-A3MSD_ 0614	6/30/14	1500	G	W	5	N	3	2	
Trip Blank		N/A	N/A	N/A	3		~~3~~ 2		
Container Volume (ml)							40	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	1-A	

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	6/30/14			6/30/14 1610
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

2.6 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-62965-1

Login Number: 62965

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-62965-1

Login Number: 62965
List Number: 2
Creator: Butcher, Ryan M

List Source: TestAmerica Pittsburgh
List Creation: 07/05/14 10:18 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-62965-1

Login Number: 62965
List Number: 3
Creator: Butcher, Ryan M

List Source: TestAmerica Pittsburgh
List Creation: 07/05/14 10:22 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

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

TestAmerica Job ID: 480-66157-1
Client Project/Site: 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:
9/10/2014 11:16:11 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? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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)

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Job ID: 480-66157-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-66157-1

Comments
No additional comments.

Receipt
The samples were received on 8/26/2014 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 11.0º C.

Except:

The following sample(s) was received at the laboratory outside the required temperature criteria: . The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

Sample coc did not list dates of collection. Dates listed on sample container labels were used for sample login.

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

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

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3_0814 — Lab Sample ID: 480-66157-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.4	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: BCC_Area A_DMH-A3D_0814 — Lab Sample ID: 480-66157-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	10	3.0	ug/L	1		8260C	Total/NA
Bis(2-ethylhexyl) phthalate	12	J	19	4.2	ug/L	1		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-66157-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3_0814
Date Collected: 08/26/14 14:00
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 02:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 02:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 02:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 02:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 02:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 02:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/14 02:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 02:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 02:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/14 02:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 02:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 02:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/14 02:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/14 02:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 02:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 02:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 02:50	1
Acetone	**5.4**	**J**	10	3.0	ug/L			09/09/14 02:50	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 02:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 02:50	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 02:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 02:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 02:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 02:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/14 02:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 02:50	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 02:50	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 02:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 02:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 02:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 02:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 02:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 02:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 02:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 02:50	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 02:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 02:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 02:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 02:50	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 02:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 02:50	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 02:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 02:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 02:50	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 02:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 02:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 02:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 02:50	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3_0814
Date Collected: 08/26/14 14:00
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-1
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*09/09/14 02:50*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/09/14 02:50*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*09/09/14 02:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.28	ug/L		08/29/14 09:21	09/03/14 15:27	1
Acenaphthylene	ND		1.9	0.21	ug/L		08/29/14 09:21	09/03/14 15:27	1
Acetophenone	ND		19	1.1	ug/L		08/29/14 09:21	09/03/14 15:27	1
Aniline	ND		9.6	2.5	ug/L		08/29/14 09:21	09/03/14 15:27	1
Anthracene	ND		1.9	0.18	ug/L		08/29/14 09:21	09/03/14 15:27	1
Atrazine	ND		19	2.1	ug/L		08/29/14 09:21	09/03/14 15:27	1
Benzaldehyde	ND		19	1.0	ug/L		08/29/14 09:21	09/03/14 15:27	1
Benzo(a)anthracene	ND		1.9	0.35	ug/L		08/29/14 09:21	09/03/14 15:27	1
Benzo(b)fluoranthene	ND		1.9	0.47	ug/L		08/29/14 09:21	09/03/14 15:27	1
Benzo(k)fluoranthene	ND		1.9	0.29	ug/L		08/29/14 09:21	09/03/14 15:27	1
Benzo(g,h,i)perylene	ND		1.9	0.28	ug/L		08/29/14 09:21	09/03/14 15:27	1
Benzo(a)pyrene	ND		1.9	0.27	ug/L		08/29/14 09:21	09/03/14 15:27	1
Biphenyl	ND		9.6	1.0	ug/L		08/29/14 09:21	09/03/14 15:27	1
Bis(2-chloroethoxy)methane	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 15:27	1
Bis(2-chloroethyl)ether	ND		9.6	0.30	ug/L		08/29/14 09:21	09/03/14 15:27	1
bis (2-chloroisopropyl) ether	ND		9.6	0.23	ug/L		08/29/14 09:21	09/03/14 15:27	1
Bis(2-ethylhexyl) phthalate	ND		19	4.2	ug/L		08/29/14 09:21	09/03/14 15:27	1
4-Bromophenyl phenyl ether	ND		9.6	1.1	ug/L		08/29/14 09:21	09/03/14 15:27	1
Butyl benzyl phthalate	ND		9.6	2.1	ug/L		08/29/14 09:21	09/03/14 15:27	1
Caprolactam	ND		48	14	ug/L		08/29/14 09:21	09/03/14 15:27	1
Carbazole	ND		9.6	0.26	ug/L		08/29/14 09:21	09/03/14 15:27	1
4-Chloroaniline	ND		9.6	2.8	ug/L		08/29/14 09:21	09/03/14 15:27	1
4-Chloro-3-methylphenol	ND		9.6	1.6	ug/L		08/29/14 09:21	09/03/14 15:27	1
2-Chloronaphthalene	ND		1.9	0.30	ug/L		08/29/14 09:21	09/03/14 15:27	1
2-Chlorophenol	ND		9.6	2.2	ug/L		08/29/14 09:21	09/03/14 15:27	1
4-Chlorophenyl phenyl ether	ND		9.6	0.77	ug/L		08/29/14 09:21	09/03/14 15:27	1
Chrysene	ND		1.9	0.30	ug/L		08/29/14 09:21	09/03/14 15:27	1
Dibenz(a,h)anthracene	ND		1.9	0.26	ug/L		08/29/14 09:21	09/03/14 15:27	1
Dibenzofuran	ND		9.6	0.93	ug/L		08/29/14 09:21	09/03/14 15:27	1
Di-n-butyl phthalate	ND		9.6	2.3	ug/L		08/29/14 09:21	09/03/14 15:27	1
3,3'-Dichlorobenzidine	ND		9.6	1.4	ug/L		08/29/14 09:21	09/03/14 15:27	1
2,4-Dichlorophenol	ND		9.6	0.65	ug/L		08/29/14 09:21	09/03/14 15:27	1
Diethyl phthalate	ND		9.6	2.9	ug/L		08/29/14 09:21	09/03/14 15:27	1
2,4-Dimethylphenol	ND		9.6	1.6	ug/L		08/29/14 09:21	09/03/14 15:27	1
Dimethyl phthalate	ND		9.6	1.8	ug/L		08/29/14 09:21	09/03/14 15:27	1
4,6-Dinitro-2-methylphenol	ND		48	15	ug/L		08/29/14 09:21	09/03/14 15:27	1
2,4-Dinitrophenol	ND		48	24	ug/L		08/29/14 09:21	09/03/14 15:27	1
2,4-Dinitrotoluene	ND		9.6	2.1	ug/L		08/29/14 09:21	09/03/14 15:27	1
2,6-Dinitrotoluene	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 15:27	1
Di-n-octyl phthalate	ND		9.6	2.0	ug/L		08/29/14 09:21	09/03/14 15:27	1
Fluoranthene	ND		1.9	0.20	ug/L		08/29/14 09:21	09/03/14 15:27	1
Fluorene	ND		1.9	0.23	ug/L		08/29/14 09:21	09/03/14 15:27	1
Hexachlorobenzene	ND		9.6	0.59	ug/L		08/29/14 09:21	09/03/14 15:27	1
Hexachlorobutadiene	ND		9.6	0.90	ug/L		08/29/14 09:21	09/03/14 15:27	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3_0814
Date Collected: 08/26/14 14:00
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 15:27	1
Hexachloroethane	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 15:27	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.42	ug/L		08/29/14 09:21	09/03/14 15:27	1
Isophorone	ND		9.6	0.71	ug/L		08/29/14 09:21	09/03/14 15:27	1
2-Methylnaphthalene	ND		1.9	0.18	ug/L		08/29/14 09:21	09/03/14 15:27	1
2-Methylphenol	ND		9.6	1.8	ug/L		08/29/14 09:21	09/03/14 15:27	1
4-Methylphenol	ND		9.6	2.0	ug/L		08/29/14 09:21	09/03/14 15:27	1
Naphthalene	ND		1.9	0.22	ug/L		08/29/14 09:21	09/03/14 15:27	1
2-Nitroaniline	ND		48	6.5	ug/L		08/29/14 09:21	09/03/14 15:27	1
3-Nitroaniline	ND		48	7.7	ug/L		08/29/14 09:21	09/03/14 15:27	1
4-Nitroaniline	ND		48	7.4	ug/L		08/29/14 09:21	09/03/14 15:27	1
Nitrobenzene	ND		19	1.4	ug/L		08/29/14 09:21	09/03/14 15:27	1
2-Nitrophenol	ND		9.6	1.1	ug/L		08/29/14 09:21	09/03/14 15:27	1
4-Nitrophenol	ND		48	7.7	ug/L		08/29/14 09:21	09/03/14 15:27	1
N-Nitrosodiphenylamine	ND		9.6	1.2	ug/L		08/29/14 09:21	09/03/14 15:27	1
N-Nitrosodi-n-propylamine	ND		9.6	0.48	ug/L		08/29/14 09:21	09/03/14 15:27	1
Pentachlorophenol	ND		9.6	4.8	ug/L		08/29/14 09:21	09/03/14 15:27	1
Phenanthrene	ND		1.9	0.40	ug/L		08/29/14 09:21	09/03/14 15:27	1
Phenol	ND		9.6	0.53	ug/L		08/29/14 09:21	09/03/14 15:27	1
Pyrene	ND		1.9	0.22	ug/L		08/29/14 09:21	09/03/14 15:27	1
2,4,5-Trichlorophenol	ND		9.6	1.2	ug/L		08/29/14 09:21	09/03/14 15:27	1
2,4,6-Trichlorophenol	ND		9.6	2.9	ug/L		08/29/14 09:21	09/03/14 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*30 - 150*	*08/29/14 09:21*	*09/03/14 15:27*	*1*
2-Fluorophenol	*77*		*30 - 150*	*08/29/14 09:21*	*09/03/14 15:27*	*1*
2,4,6-Tribromophenol	*88*		*30 - 150*	*08/29/14 09:21*	*09/03/14 15:27*	*1*
Nitrobenzene-d5	*83*		*30 - 150*	*08/29/14 09:21*	*09/03/14 15:27*	*1*
Phenol-d5	*82*		*30 - 150*	*08/29/14 09:21*	*09/03/14 15:27*	*1*
Terphenyl-d14 (Surr)	*71*		*10 - 150*	*08/29/14 09:21*	*09/03/14 15:27*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3D_0814
Date Collected: 08/26/14 14:30
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 03:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 03:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 03:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 03:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 03:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/14 03:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 03:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 03:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/14 03:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 03:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 03:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/14 03:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/14 03:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 03:13	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 03:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 03:13	1
Acetone	**4.7**	**J**	10	3.0	ug/L			09/09/14 03:13	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 03:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 03:13	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 03:13	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 03:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 03:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 03:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/14 03:13	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 03:13	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 03:13	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 03:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 03:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 03:13	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 03:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 03:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 03:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 03:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 03:13	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 03:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 03:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 03:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 03:13	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 03:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 03:13	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 03:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 03:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 03:13	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 03:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 03:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 03:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 03:13	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3D_0814
Date Collected: 08/26/14 14:30
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*09/09/14 03:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/09/14 03:13*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*09/09/14 03:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.28	ug/L		08/29/14 09:21	09/03/14 16:52	1
Acenaphthylene	ND		1.9	0.21	ug/L		08/29/14 09:21	09/03/14 16:52	1
Acetophenone	ND		19	1.1	ug/L		08/29/14 09:21	09/03/14 16:52	1
Aniline	ND		9.6	2.5	ug/L		08/29/14 09:21	09/03/14 16:52	1
Anthracene	ND		1.9	0.18	ug/L		08/29/14 09:21	09/03/14 16:52	1
Atrazine	ND		19	2.1	ug/L		08/29/14 09:21	09/03/14 16:52	1
Benzaldehyde	ND		19	1.0	ug/L		08/29/14 09:21	09/03/14 16:52	1
Benzo(a)anthracene	ND		1.9	0.35	ug/L		08/29/14 09:21	09/03/14 16:52	1
Benzo(b)fluoranthene	ND		1.9	0.47	ug/L		08/29/14 09:21	09/03/14 16:52	1
Benzo(k)fluoranthene	ND		1.9	0.29	ug/L		08/29/14 09:21	09/03/14 16:52	1
Benzo(g,h,i)perylene	ND		1.9	0.28	ug/L		08/29/14 09:21	09/03/14 16:52	1
Benzo(a)pyrene	ND		1.9	0.27	ug/L		08/29/14 09:21	09/03/14 16:52	1
Biphenyl	ND		9.6	1.0	ug/L		08/29/14 09:21	09/03/14 16:52	1
Bis(2-chloroethoxy)methane	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 16:52	1
Bis(2-chloroethyl)ether	ND		9.6	0.30	ug/L		08/29/14 09:21	09/03/14 16:52	1
bis (2-chloroisopropyl) ether	ND		9.6	0.23	ug/L		08/29/14 09:21	09/03/14 16:52	1
Bis(2-ethylhexyl) phthalate	**12**	**J**	19	4.2	ug/L		08/29/14 09:21	09/03/14 16:52	1
4-Bromophenyl phenyl ether	ND		9.6	1.1	ug/L		08/29/14 09:21	09/03/14 16:52	1
Butyl benzyl phthalate	ND		9.6	2.1	ug/L		08/29/14 09:21	09/03/14 16:52	1
Caprolactam	ND		48	14	ug/L		08/29/14 09:21	09/03/14 16:52	1
Carbazole	ND		9.6	0.26	ug/L		08/29/14 09:21	09/03/14 16:52	1
4-Chloroaniline	ND		9.6	2.8	ug/L		08/29/14 09:21	09/03/14 16:52	1
4-Chloro-3-methylphenol	ND		9.6	1.6	ug/L		08/29/14 09:21	09/03/14 16:52	1
2-Chloronaphthalene	ND		1.9	0.30	ug/L		08/29/14 09:21	09/03/14 16:52	1
2-Chlorophenol	ND		9.6	2.2	ug/L		08/29/14 09:21	09/03/14 16:52	1
4-Chlorophenyl phenyl ether	ND		9.6	0.77	ug/L		08/29/14 09:21	09/03/14 16:52	1
Chrysene	ND		1.9	0.30	ug/L		08/29/14 09:21	09/03/14 16:52	1
Dibenz(a,h)anthracene	ND		1.9	0.26	ug/L		08/29/14 09:21	09/03/14 16:52	1
Dibenzofuran	ND		9.6	0.93	ug/L		08/29/14 09:21	09/03/14 16:52	1
Di-n-butyl phthalate	ND		9.6	2.3	ug/L		08/29/14 09:21	09/03/14 16:52	1
3,3'-Dichlorobenzidine	ND		9.6	1.4	ug/L		08/29/14 09:21	09/03/14 16:52	1
2,4-Dichlorophenol	ND		9.6	0.65	ug/L		08/29/14 09:21	09/03/14 16:52	1
Diethyl phthalate	ND		9.6	2.9	ug/L		08/29/14 09:21	09/03/14 16:52	1
2,4-Dimethylphenol	ND		9.6	1.6	ug/L		08/29/14 09:21	09/03/14 16:52	1
Dimethyl phthalate	ND		9.6	1.8	ug/L		08/29/14 09:21	09/03/14 16:52	1
4,6-Dinitro-2-methylphenol	ND		48	15	ug/L		08/29/14 09:21	09/03/14 16:52	1
2,4-Dinitrophenol	ND		48	24	ug/L		08/29/14 09:21	09/03/14 16:52	1
2,4-Dinitrotoluene	ND		9.6	2.1	ug/L		08/29/14 09:21	09/03/14 16:52	1
2,6-Dinitrotoluene	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 16:52	1
Di-n-octyl phthalate	ND		9.6	2.0	ug/L		08/29/14 09:21	09/03/14 16:52	1
Fluoranthene	ND		1.9	0.20	ug/L		08/29/14 09:21	09/03/14 16:52	1
Fluorene	ND		1.9	0.23	ug/L		08/29/14 09:21	09/03/14 16:52	1
Hexachlorobenzene	ND		9.6	0.59	ug/L		08/29/14 09:21	09/03/14 16:52	1
Hexachlorobutadiene	ND		9.6	0.90	ug/L		08/29/14 09:21	09/03/14 16:52	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3D_0814
Date Collected: 08/26/14 14:30
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 16:52	1
Hexachloroethane	ND		9.6	1.3	ug/L		08/29/14 09:21	09/03/14 16:52	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.42	ug/L		08/29/14 09:21	09/03/14 16:52	1
Isophorone	ND		9.6	0.71	ug/L		08/29/14 09:21	09/03/14 16:52	1
2-Methylnaphthalene	ND		1.9	0.18	ug/L		08/29/14 09:21	09/03/14 16:52	1
2-Methylphenol	ND		9.6	1.8	ug/L		08/29/14 09:21	09/03/14 16:52	1
4-Methylphenol	ND		9.6	2.0	ug/L		08/29/14 09:21	09/03/14 16:52	1
Naphthalene	ND		1.9	0.22	ug/L		08/29/14 09:21	09/03/14 16:52	1
2-Nitroaniline	ND		48	6.5	ug/L		08/29/14 09:21	09/03/14 16:52	1
3-Nitroaniline	ND		48	7.7	ug/L		08/29/14 09:21	09/03/14 16:52	1
4-Nitroaniline	ND		48	7.4	ug/L		08/29/14 09:21	09/03/14 16:52	1
Nitrobenzene	ND		19	1.4	ug/L		08/29/14 09:21	09/03/14 16:52	1
2-Nitrophenol	ND		9.6	1.1	ug/L		08/29/14 09:21	09/03/14 16:52	1
4-Nitrophenol	ND		48	7.7	ug/L		08/29/14 09:21	09/03/14 16:52	1
N-Nitrosodiphenylamine	ND		9.6	1.2	ug/L		08/29/14 09:21	09/03/14 16:52	1
N-Nitrosodi-n-propylamine	ND		9.6	0.48	ug/L		08/29/14 09:21	09/03/14 16:52	1
Pentachlorophenol	ND		9.6	4.8	ug/L		08/29/14 09:21	09/03/14 16:52	1
Phenanthrene	ND		1.9	0.40	ug/L		08/29/14 09:21	09/03/14 16:52	1
Phenol	ND		9.6	0.53	ug/L		08/29/14 09:21	09/03/14 16:52	1
Pyrene	ND		1.9	0.22	ug/L		08/29/14 09:21	09/03/14 16:52	1
2,4,5-Trichlorophenol	ND		9.6	1.2	ug/L		08/29/14 09:21	09/03/14 16:52	1
2,4,6-Trichlorophenol	ND		9.6	2.9	ug/L		08/29/14 09:21	09/03/14 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*30 - 150*	*08/29/14 09:21*	*09/03/14 16:52*	*1*
2-Fluorophenol	*74*		*30 - 150*	*08/29/14 09:21*	*09/03/14 16:52*	*1*
2,4,6-Tribromophenol	*97*		*30 - 150*	*08/29/14 09:21*	*09/03/14 16:52*	*1*
Nitrobenzene-d5	*85*		*30 - 150*	*08/29/14 09:21*	*09/03/14 16:52*	*1*
Phenol-d5	*81*		*30 - 150*	*08/29/14 09:21*	*09/03/14 16:52*	*1*
Terphenyl-d14 (Surr)	*67*		*10 - 150*	*08/29/14 09:21*	*09/03/14 16:52*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: TRIP BLANK
Date Collected: 08/26/14 00:00
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 03:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 03:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 03:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 03:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 03:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/14 03:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 03:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 03:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/14 03:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 03:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 03:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/14 03:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/14 03:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 03:37	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 03:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 03:37	1
Acetone	ND		10	3.0	ug/L			09/09/14 03:37	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 03:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 03:37	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 03:37	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 03:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 03:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 03:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/14 03:37	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 03:37	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 03:37	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 03:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 03:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 03:37	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 03:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 03:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 03:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 03:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 03:37	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 03:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 03:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 03:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 03:37	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 03:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 03:37	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 03:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 03:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 03:37	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 03:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 03:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 03:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 03:37	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: TRIP BLANK
Date Collected: 08/26/14 00:00
Date Received: 08/26/14 16:00

Lab Sample ID: 480-66157-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		09/09/14 03:37	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/09/14 03:37	1
Toluene-d8 (Surr)	99		71 - 126		09/09/14 03:37	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-66157-1	BCC_Area A_DMH-A3_0814	98	99	98
480-66157-1 MS	BCC_Area A_DMH-A3 MS_0814	96	103	100
480-66157-1 MSD	BCC_Area A_DMH-A3 MSD_0814	96	102	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-66157-2	BCC_Area A_DMH-A3D_0814	96	101	101
480-66157-3	TRIP BLANK	98	101	99
LCS 480-201361/6	Lab Control Sample	95	102	101
MB 480-201361/8	Method Blank	96	102	98

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(30-150)	(30-150)	(30-150)	(30-150)	(30-150)	(10-150)
480-66157-1	BCC_Area A_DMH-A3_0814	83	77	88	83	82	71
480-66157-1 MS	BCC_Area A_DMH-A3 MS_0814	78	56	101	76	69	77
480-66157-1 MSD	BCC_Area A_DMH-A3 MSD_0814	77	54	98	72	67	75

Surrogate Legend

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

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		FBP	2FP	TBP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(30-150)	(30-150)	(30-150)	(30-150)	(30-150)	(10-150)		
480-66157-2	BCC_Area A_DMH-A3D_0814	87	74	97	85	81	67		
LCS 180-116492/2-A	Lab Control Sample	70	77	84	73	76	77		
MB 180-116492/1-A	Method Blank	80	87	79	83	87	84		

Surrogate Legend

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

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

Lab Sample ID: MB 480-201361/8
Matrix: Water
Analysis Batch: 201361

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/14 02:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/14 02:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/14 02:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/14 02:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/14 02:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/14 02:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/14 02:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/14 02:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/14 02:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/14 02:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/14 02:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/14 02:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/14 02:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/14 02:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/14 02:15	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/14 02:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/14 02:15	1
Acetone	ND		10	3.0	ug/L			09/09/14 02:15	1
Benzene	ND		1.0	0.41	ug/L			09/09/14 02:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/14 02:15	1
Bromoform	ND		1.0	0.26	ug/L			09/09/14 02:15	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/14 02:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/14 02:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/14 02:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/14 02:15	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/14 02:15	1
Chloroform	ND		1.0	0.34	ug/L			09/09/14 02:15	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/14 02:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/14 02:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/14 02:15	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/14 02:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/14 02:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/14 02:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/14 02:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/14 02:15	1
Methyl acetate	ND		2.5	0.50	ug/L			09/09/14 02:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/14 02:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/14 02:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/14 02:15	1
Styrene	ND		1.0	0.73	ug/L			09/09/14 02:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/14 02:15	1
Toluene	ND		1.0	0.51	ug/L			09/09/14 02:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/14 02:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/14 02:15	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/14 02:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/14 02:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/14 02:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/14 02:15	1

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

Lab Sample ID: MB 480-201361/8
Matrix: Water
Analysis Batch: 201361

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		09/09/14 02:15	1
4-Bromofluorobenzene (Surr)	102		73 - 120		09/09/14 02:15	1
Toluene-d8 (Surr)	98		71 - 126		09/09/14 02:15	1

Lab Sample ID: LCS 480-201361/6
Matrix: Water
Analysis Batch: 201361

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.6		ug/L		90	52 - 148
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	22.0		ug/L		88	71 - 129
1,1-Dichloroethene	25.0	22.8		ug/L		91	58 - 121
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		99	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		103	56 - 134
1,2-Dibromoethane	25.0	25.4		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	22.7		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	23.7		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	75 - 120
2-Butanone (MEK)	125	108		ug/L		86	57 - 140
2-Hexanone	125	107		ug/L		86	65 - 127
4-Methyl-2-pentanone (MIBK)	125	101		ug/L		81	71 - 125
Acetone	125	106		ug/L		84	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122
Bromoform	25.0	28.5		ug/L		114	52 - 132
Bromomethane	25.0	21.2		ug/L		85	55 - 144
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134
Carbon tetrachloride	25.0	24.0		ug/L		96	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	72 - 120
Chloroethane	25.0	20.1		ug/L		81	69 - 136
Chloroform	25.0	23.4		ug/L		93	73 - 127
Chloromethane	25.0	20.0		ug/L		80	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	27.1		ug/L		108	74 - 124
Cyclohexane	25.0	20.6		ug/L		82	59 - 135
Dibromochloromethane	25.0	27.2		ug/L		109	75 - 125
Dichlorodifluoromethane	25.0	17.4		ug/L		70	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	23.4		ug/L		93	77 - 122
Methyl acetate	125	92.6		ug/L		74	74 - 133
Methyl tert-butyl ether	25.0	22.9		ug/L		92	64 - 127
Methylcyclohexane	25.0	23.6		ug/L		94	61 - 138

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

Lab Sample ID: LCS 480-201361/6
Matrix: Water
Analysis Batch: 201361

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methylene Chloride			25.0	23.4		ug/L		94	57 - 132		
Styrene			25.0	24.7		ug/L		99	70 - 130		
Tetrachloroethene			25.0	23.6		ug/L		94	74 - 122		
Toluene			25.0	24.7		ug/L		99	80 - 122		
trans-1,2-Dichloroethene			25.0	23.3		ug/L		93	73 - 127		
trans-1,3-Dichloropropene			25.0	26.5		ug/L		106	72 - 123		
Trichloroethene			25.0	25.4		ug/L		102	74 - 123		
Trichlorofluoromethane			25.0	21.4		ug/L		86	62 - 152		
Vinyl chloride			25.0	19.0		ug/L		76	65 - 133		
Xylenes, Total			50.0	49.5		ug/L		99	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 480-66157-1 MS
Matrix: Ground Water
Analysis Batch: 201361

Client Sample ID: BCC_Area A_DMH-A3 MS_0814
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane	ND		25.0	29.1		ug/L		116	73 - 126		
1,1,2,2-Tetrachloroethane	ND		25.0	28.3		ug/L		113	70 - 126		
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.0		ug/L		104	52 - 148		
1,1,2-Trichloroethane	ND		25.0	27.7		ug/L		111	76 - 122		
1,1-Dichloroethane	ND		25.0	27.0		ug/L		108	71 - 129		
1,1-Dichloroethene	ND		25.0	28.4		ug/L		113	58 - 121		
1,2,4-Trichlorobenzene	ND		25.0	27.9		ug/L		112	70 - 122		
1,2-Dibromo-3-Chloropropane	ND		25.0	30.2		ug/L		121	56 - 134		
1,2-Dibromoethane	ND		25.0	28.4		ug/L		114	77 - 120		
1,2-Dichlorobenzene	ND		25.0	27.8		ug/L		111	80 - 124		
1,2-Dichloroethane	ND		25.0	25.6		ug/L		103	75 - 127		
1,2-Dichloropropane	ND		25.0	28.9		ug/L		115	76 - 120		
1,3-Dichlorobenzene	ND		25.0	27.9		ug/L		112	77 - 120		
1,4-Dichlorobenzene	ND		25.0	28.4		ug/L		114	75 - 120		
2-Butanone (MEK)	ND		125	140		ug/L		112	57 - 140		
2-Hexanone	ND		125	134		ug/L		107	65 - 127		
4-Methyl-2-pentanone (MIBK)	ND		125	126		ug/L		101	71 - 125		
Acetone	5.4	J	125	145		ug/L		112	56 - 142		
Benzene	ND		25.0	28.8		ug/L		115	71 - 124		
Bromodichloromethane	ND		25.0	28.1		ug/L		112	80 - 122		
Bromoform	ND		25.0	31.9		ug/L		128	52 - 132		
Bromomethane	ND		25.0	21.5		ug/L		86	55 - 144		
Carbon disulfide	ND		25.0	24.9		ug/L		99	59 - 134		
Carbon tetrachloride	ND		25.0	29.0		ug/L		116	72 - 134		
Chlorobenzene	ND		25.0	28.5		ug/L		114	72 - 120		
Chloroethane	ND		25.0	17.1	F1	ug/L		68	69 - 136		

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

Lab Sample ID: 480-66157-1 MS
Matrix: Ground Water
Analysis Batch: 201361

Client Sample ID: BCC_Area A_DMH-A3 MS_0814
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	27.7		ug/L		111	73 - 127
Chloromethane	ND		25.0	23.1		ug/L		92	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.8		ug/L		115	74 - 124
cis-1,3-Dichloropropene	ND		25.0	29.6		ug/L		118	74 - 124
Cyclohexane	ND		25.0	25.6		ug/L		102	59 - 135
Dibromochloromethane	ND		25.0	30.5		ug/L		122	75 - 125
Dichlorodifluoromethane	ND		25.0	20.1		ug/L		80	59 - 135
Ethylbenzene	ND		25.0	28.3		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	28.3		ug/L		113	77 - 122
Methyl acetate	ND		125	113		ug/L		91	74 - 133
Methyl tert-butyl ether	ND		25.0	26.3		ug/L		105	64 - 127
Methylcyclohexane	ND		25.0	27.5		ug/L		110	61 - 138
Methylene Chloride	ND		25.0	27.5		ug/L		110	57 - 132
Styrene	ND		25.0	28.7		ug/L		115	70 - 130
Tetrachloroethene	ND		25.0	28.6		ug/L		114	74 - 122
Toluene	ND		25.0	28.8		ug/L		115	80 - 122
trans-1,2-Dichloroethene	ND		25.0	29.0		ug/L		116	73 - 127
trans-1,3-Dichloropropene	ND		25.0	28.8		ug/L		115	72 - 123
Trichloroethene	ND		25.0	30.0		ug/L		120	74 - 123
Trichlorofluoromethane	ND		25.0	26.3		ug/L		105	62 - 152
Vinyl chloride	ND		25.0	22.3		ug/L		89	65 - 133
Xylenes, Total	ND		50.0	57.4		ug/L		115	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: 480-66157-1 MSD
Matrix: Ground Water
Analysis Batch: 201361

Client Sample ID: BCC_Area A_DMH-A3 MSD_0814
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	27.4		ug/L		109	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND		25.0	25.7		ug/L		103	70 - 126	10	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.1		ug/L		105	52 - 148	1	20
1,1,2-Trichloroethane	ND		25.0	24.9		ug/L		100	76 - 122	10	15
1,1-Dichloroethane	ND		25.0	25.2		ug/L		101	71 - 129	7	20
1,1-Dichloroethene	ND		25.0	27.9		ug/L		112	58 - 121	2	16
1,2,4-Trichlorobenzene	ND		25.0	26.3		ug/L		105	70 - 122	6	20
1,2-Dibromo-3-Chloropropane	ND		25.0	29.9		ug/L		120	56 - 134	1	15
1,2-Dibromoethane	ND		25.0	27.1		ug/L		108	77 - 120	5	15
1,2-Dichlorobenzene	ND		25.0	26.1		ug/L		104	80 - 124	7	20
1,2-Dichloroethane	ND		25.0	23.9		ug/L		96	75 - 127	7	20
1,2-Dichloropropane	ND		25.0	25.9		ug/L		103	76 - 120	11	20
1,3-Dichlorobenzene	ND		25.0	26.4		ug/L		105	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	26.6		ug/L		106	75 - 120	7	20

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

Lab Sample ID: 480-66157-1 MSD
Matrix: Ground Water
Analysis Batch: 201361

Client Sample ID: BCC_Area A_DMH-A3 MSD_0814
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	129		ug/L		104	57 - 140	8	20
2-Hexanone	ND		125	121		ug/L		97	65 - 127	10	15
4-Methyl-2-pentanone (MIBK)	ND		125	117		ug/L		93	71 - 125	7	35
Acetone	5.4	J	125	140		ug/L		108	56 - 142	4	15
Benzene	ND		25.0	26.9		ug/L		107	71 - 124	7	13
Bromodichloromethane	ND		25.0	26.5		ug/L		106	80 - 122	6	15
Bromoform	ND		25.0	29.8		ug/L		119	52 - 132	7	15
Bromomethane	ND		25.0	22.0		ug/L		88	55 - 144	2	15
Carbon disulfide	ND		25.0	24.5		ug/L		98	59 - 134	1	15
Carbon tetrachloride	ND		25.0	27.2		ug/L		109	72 - 134	6	15
Chlorobenzene	ND		25.0	26.0		ug/L		104	72 - 120	9	25
Chloroethane	ND		25.0	17.3		ug/L		69	69 - 136	1	15
Chloroform	ND		25.0	26.4		ug/L		106	73 - 127	5	20
Chloromethane	ND		25.0	25.3		ug/L		101	68 - 124	9	15
cis-1,2-Dichloroethene	ND		25.0	27.1		ug/L		108	74 - 124	6	15
cis-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	74 - 124	8	15
Cyclohexane	ND		25.0	23.8		ug/L		95	59 - 135	7	20
Dibromochloromethane	ND		25.0	28.0		ug/L		112	75 - 125	9	15
Dichlorodifluoromethane	ND		25.0	22.4		ug/L		90	59 - 135	11	20
Ethylbenzene	ND		25.0	26.3		ug/L		105	77 - 123	7	15
Isopropylbenzene	ND		25.0	24.8		ug/L		99	77 - 122	13	20
Methyl acetate	ND		125	107		ug/L		85	74 - 133	6	20
Methyl tert-butyl ether	ND		25.0	24.5		ug/L		98	64 - 127	7	37
Methylcyclohexane	ND		25.0	26.0		ug/L		104	61 - 138	6	20
Methylene Chloride	ND		25.0	26.2		ug/L		105	57 - 132	5	15
Styrene	ND		25.0	26.8		ug/L		107	70 - 130	7	20
Tetrachloroethene	ND		25.0	26.4		ug/L		105	74 - 122	8	20
Toluene	ND		25.0	26.7		ug/L		107	80 - 122	8	15
trans-1,2-Dichloroethene	ND		25.0	27.4		ug/L		110	73 - 127	6	20
trans-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	72 - 123	7	15
Trichloroethene	ND		25.0	27.2		ug/L		109	74 - 123	10	16
Trichlorofluoromethane	ND		25.0	28.1		ug/L		112	62 - 152	7	20
Vinyl chloride	ND		25.0	24.8		ug/L		99	65 - 133	11	15
Xylenes, Total	ND		50.0	53.2		ug/L		106	76 - 122	8	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

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

Lab Sample ID: MB 180-116492/1-A
Matrix: Water
Analysis Batch: 116828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.29	ug/L		08/29/14 09:20	09/03/14 10:42	1

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

Lab Sample ID: MB 180-116492/1-A
Matrix: Water
Analysis Batch: 116828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		2.0	0.22	ug/L		08/29/14 09:20	09/03/14 10:42	1
Acetophenone	ND		20	1.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
Aniline	ND		10	2.6	ug/L		08/29/14 09:20	09/03/14 10:42	1
Anthracene	ND		2.0	0.19	ug/L		08/29/14 09:20	09/03/14 10:42	1
Atrazine	ND		20	2.2	ug/L		08/29/14 09:20	09/03/14 10:42	1
Benzaldehyde	ND		20	1.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
Benzo(a)anthracene	ND		2.0	0.37	ug/L		08/29/14 09:20	09/03/14 10:42	1
Benzo(b)fluoranthene	ND		2.0	0.49	ug/L		08/29/14 09:20	09/03/14 10:42	1
Benzo(k)fluoranthene	ND		2.0	0.30	ug/L		08/29/14 09:20	09/03/14 10:42	1
Benzo(g,h,i)perylene	ND		2.0	0.29	ug/L		08/29/14 09:20	09/03/14 10:42	1
Benzo(a)pyrene	ND		2.0	0.28	ug/L		08/29/14 09:20	09/03/14 10:42	1
Biphenyl	ND		10	1.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
Bis(2-chloroethoxy)methane	ND		10	1.3	ug/L		08/29/14 09:20	09/03/14 10:42	1
Bis(2-chloroethyl)ether	ND		10	0.32	ug/L		08/29/14 09:20	09/03/14 10:42	1
bis (2-chloroisopropyl) ether	ND		10	0.24	ug/L		08/29/14 09:20	09/03/14 10:42	1
Bis(2-ethylhexyl) phthalate	ND		20	4.4	ug/L		08/29/14 09:20	09/03/14 10:42	1
4-Bromophenyl phenyl ether	ND		10	1.2	ug/L		08/29/14 09:20	09/03/14 10:42	1
Butyl benzyl phthalate	ND		10	2.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
Caprolactam	ND		50	15	ug/L		08/29/14 09:20	09/03/14 10:42	1
Carbazole	ND		10	0.27	ug/L		08/29/14 09:20	09/03/14 10:42	1
4-Chloroaniline	ND		10	2.9	ug/L		08/29/14 09:20	09/03/14 10:42	1
4-Chloro-3-methylphenol	ND		10	1.7	ug/L		08/29/14 09:20	09/03/14 10:42	1
2-Chloronaphthalene	ND		2.0	0.31	ug/L		08/29/14 09:20	09/03/14 10:42	1
2-Chlorophenol	ND		10	2.3	ug/L		08/29/14 09:20	09/03/14 10:42	1
4-Chlorophenyl phenyl ether	ND		10	0.80	ug/L		08/29/14 09:20	09/03/14 10:42	1
Chrysene	ND		2.0	0.31	ug/L		08/29/14 09:20	09/03/14 10:42	1
Dibenz(a,h)anthracene	ND		2.0	0.27	ug/L		08/29/14 09:20	09/03/14 10:42	1
Dibenzofuran	ND		10	0.97	ug/L		08/29/14 09:20	09/03/14 10:42	1
Di-n-butyl phthalate	ND		10	2.4	ug/L		08/29/14 09:20	09/03/14 10:42	1
3,3'-Dichlorobenzidine	ND		10	1.5	ug/L		08/29/14 09:20	09/03/14 10:42	1
2,4-Dichlorophenol	ND		10	0.67	ug/L		08/29/14 09:20	09/03/14 10:42	1
Diethyl phthalate	ND		10	3.0	ug/L		08/29/14 09:20	09/03/14 10:42	1
2,4-Dimethylphenol	ND		10	1.7	ug/L		08/29/14 09:20	09/03/14 10:42	1
Dimethyl phthalate	ND		10	1.8	ug/L		08/29/14 09:20	09/03/14 10:42	1
4,6-Dinitro-2-methylphenol	ND		50	16	ug/L		08/29/14 09:20	09/03/14 10:42	1
2,4-Dinitrophenol	ND		50	25	ug/L		08/29/14 09:20	09/03/14 10:42	1
2,4-Dinitrotoluene	ND		10	2.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
2,6-Dinitrotoluene	ND		10	1.4	ug/L		08/29/14 09:20	09/03/14 10:42	1
Di-n-octyl phthalate	ND		10	2.0	ug/L		08/29/14 09:20	09/03/14 10:42	1
Fluoranthene	ND		2.0	0.21	ug/L		08/29/14 09:20	09/03/14 10:42	1
Fluorene	ND		2.0	0.24	ug/L		08/29/14 09:20	09/03/14 10:42	1
Hexachlorobenzene	ND		10	0.61	ug/L		08/29/14 09:20	09/03/14 10:42	1
Hexachlorobutadiene	ND		10	0.94	ug/L		08/29/14 09:20	09/03/14 10:42	1
Hexachlorocyclopentadiene	ND		10	1.4	ug/L		08/29/14 09:20	09/03/14 10:42	1
Hexachloroethane	ND		10	1.4	ug/L		08/29/14 09:20	09/03/14 10:42	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.43	ug/L		08/29/14 09:20	09/03/14 10:42	1
Isophorone	ND		10	0.74	ug/L		08/29/14 09:20	09/03/14 10:42	1
2-Methylnaphthalene	ND		2.0	0.19	ug/L		08/29/14 09:20	09/03/14 10:42	1

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

Lab Sample ID: MB 180-116492/1-A
Matrix: Water
Analysis Batch: 116828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10	1.9	ug/L		08/29/14 09:20	09/03/14 10:42	1
4-Methylphenol	ND		10	2.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
Naphthalene	ND		2.0	0.23	ug/L		08/29/14 09:20	09/03/14 10:42	1
2-Nitroaniline	ND		50	6.7	ug/L		08/29/14 09:20	09/03/14 10:42	1
3-Nitroaniline	ND		50	8.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
4-Nitroaniline	ND		50	7.7	ug/L		08/29/14 09:20	09/03/14 10:42	1
Nitrobenzene	ND		20	1.5	ug/L		08/29/14 09:20	09/03/14 10:42	1
2-Nitrophenol	ND		10	1.1	ug/L		08/29/14 09:20	09/03/14 10:42	1
4-Nitrophenol	ND		50	8.0	ug/L		08/29/14 09:20	09/03/14 10:42	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		08/29/14 09:20	09/03/14 10:42	1
N-Nitrosodi-n-propylamine	ND		10	0.50	ug/L		08/29/14 09:20	09/03/14 10:42	1
Pentachlorophenol	ND		10	5.0	ug/L		08/29/14 09:20	09/03/14 10:42	1
Phenanthrene	ND		2.0	0.42	ug/L		08/29/14 09:20	09/03/14 10:42	1
Phenol	ND		10	0.55	ug/L		08/29/14 09:20	09/03/14 10:42	1
Pyrene	ND		2.0	0.23	ug/L		08/29/14 09:20	09/03/14 10:42	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		08/29/14 09:20	09/03/14 10:42	1
2,4,6-Trichlorophenol	ND		10	3.0	ug/L		08/29/14 09:20	09/03/14 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*30 - 150*	*08/29/14 09:20*	*09/03/14 10:42*	*1*
2-Fluorophenol	*87*		*30 - 150*	*08/29/14 09:20*	*09/03/14 10:42*	*1*
2,4,6-Tribromophenol	*79*		*30 - 150*	*08/29/14 09:20*	*09/03/14 10:42*	*1*
Nitrobenzene-d5	*83*		*30 - 150*	*08/29/14 09:20*	*09/03/14 10:42*	*1*
Phenol-d5	*87*		*30 - 150*	*08/29/14 09:20*	*09/03/14 10:42*	*1*
Terphenyl-d14 (Surr)	*84*		*10 - 150*	*08/29/14 09:20*	*09/03/14 10:42*	*1*

Lab Sample ID: LCS 180-116492/2-A
Matrix: Water
Analysis Batch: 116828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	200	146		ug/L		73	30 - 150
Acenaphthylene	200	152		ug/L		76	30 - 150
Acetophenone	200	143		ug/L		72	30 - 150
Aniline	200	142		ug/L		71	30 - 150
Anthracene	200	155		ug/L		78	30 - 150
Atrazine	200	140		ug/L		70	30 - 150
Benzaldehyde	200	145		ug/L		73	30 - 150
Benzo(a)anthracene	200	154		ug/L		77	30 - 150
Benzo(b)fluoranthene	200	142		ug/L		71	30 - 150
Benzo(k)fluoranthene	200	156		ug/L		78	30 - 150
Benzo(g,h,i)perylene	200	168		ug/L		84	30 - 150
Benzo(a)pyrene	200	154		ug/L		77	30 - 150
Biphenyl	200	144		ug/L		72	30 - 150
Bis(2-chloroethoxy)methane	200	147		ug/L		73	30 - 150
Bis(2-chloroethyl)ether	200	143		ug/L		72	30 - 150
bis (2-chloroisopropyl) ether	200	140		ug/L		70	30 - 150
Bis(2-ethylhexyl) phthalate	200	166		ug/L		83	30 - 150

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

Lab Sample ID: LCS 180-116492/2-A
Matrix: Water
Analysis Batch: 116828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	200	156		ug/L		78	30 - 150
Butyl benzyl phthalate	200	167		ug/L		83	30 - 150
Caprolactam	200	174		ug/L		87	30 - 150
Carbazole	200	156		ug/L		78	30 - 150
4-Chloroaniline	200	142		ug/L		71	10 - 150
4-Chloro-3-methylphenol	200	157		ug/L		78	30 - 150
2-Chloronaphthalene	200	135		ug/L		68	30 - 150
2-Chlorophenol	200	151		ug/L		76	30 - 150
4-Chlorophenyl phenyl ether	200	150		ug/L		75	30 - 150
Chrysene	200	156		ug/L		78	30 - 150
Dibenz(a,h)anthracene	200	163		ug/L		82	30 - 150
Dibenzofuran	200	144		ug/L		72	30 - 150
Di-n-butyl phthalate	200	165		ug/L		83	30 - 150
3,3'-Dichlorobenzidine	200	157		ug/L		78	10 - 150
2,4-Dichlorophenol	200	154		ug/L		77	30 - 150
Diethyl phthalate	200	151		ug/L		75	30 - 150
2,4-Dimethylphenol	200	144		ug/L		72	30 - 150
Dimethyl phthalate	200	152		ug/L		76	30 - 150
4,6-Dinitro-2-methylphenol	400	321		ug/L		80	30 - 150
2,4-Dinitrophenol	400	263		ug/L		66	10 - 150
2,4-Dinitrotoluene	200	162		ug/L		81	30 - 150
2,6-Dinitrotoluene	200	160		ug/L		80	30 - 150
Di-n-octyl phthalate	200	162		ug/L		81	10 - 150
Fluoranthene	200	159		ug/L		79	30 - 150
Fluorene	200	157		ug/L		79	30 - 150
Hexachlorobenzene	200	156		ug/L		78	30 - 150
Hexachlorobutadiene	200	149		ug/L		75	30 - 150
Hexachlorocyclopentadiene	200	144		ug/L		72	30 - 150
Hexachloroethane	200	148		ug/L		74	30 - 150
Indeno(1,2,3-cd)pyrene	200	160		ug/L		80	30 - 150
Isophorone	200	152		ug/L		76	30 - 150
2-Methylnaphthalene	200	144		ug/L		72	30 - 150
2-Methylphenol	200	159		ug/L		80	30 - 150
4-Methylphenol	200	155		ug/L		78	30 - 150
Naphthalene	200	144		ug/L		72	30 - 150
2-Nitroaniline	200	152		ug/L		76	30 - 150
3-Nitroaniline	200	158		ug/L		79	10 - 150
4-Nitroaniline	200	161		ug/L		80	30 - 150
Nitrobenzene	200	142		ug/L		71	30 - 150
2-Nitrophenol	200	165		ug/L		82	30 - 150
4-Nitrophenol	400	308		ug/L		77	30 - 150
N-Nitrosodiphenylamine	200	154		ug/L		77	30 - 150
N-Nitrosodi-n-propylamine	200	150		ug/L		75	30 - 150
Pentachlorophenol	400	319		ug/L		80	10 - 150
Phenanthrene	200	151		ug/L		75	30 - 150
Phenol	200	144		ug/L		72	30 - 150
Pyrene	200	149		ug/L		74	30 - 150
2,4,5-Trichlorophenol	200	158		ug/L		79	30 - 150

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

Lab Sample ID: LCS 180-116492/2-A
Matrix: Water
Analysis Batch: 116828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116492

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,6-Trichlorophenol			200	162		ug/L		81	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*30 - 150*
2-Fluorophenol	*77*		*30 - 150*
2,4,6-Tribromophenol	*84*		*30 - 150*
Nitrobenzene-d5	*73*		*30 - 150*
Phenol-d5	*76*		*30 - 150*
Terphenyl-d14 (Surr)	*77*		*10 - 150*

Lab Sample ID: 480-66157-1 MS
Matrix: Ground Water
Analysis Batch: 116828

Client Sample ID: BCC_Area A_DMH-A3 MS_0814
Prep Type: Total/NA
Prep Batch: 116492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene	ND		192	118		ug/L		61	30 - 150		
Acenaphthylene	ND		192	113		ug/L		59	30 - 150		
Acetophenone	ND		192	107		ug/L		56	30 - 150		
Aniline	ND		192	83.0		ug/L		43	30 - 150		
Anthracene	ND		192	125		ug/L		65	30 - 150		
Atrazine	ND		192	83.8		ug/L		44	30 - 150		
Benzaldehyde	ND		192	68.0		ug/L		35	30 - 150		
Benzo(a)anthracene	ND		192	143		ug/L		74	30 - 150		
Benzo(b)fluoranthene	ND		192	127		ug/L		66	30 - 150		
Benzo(k)fluoranthene	ND		192	134		ug/L		70	30 - 150		
Benzo(g,h,i)perylene	ND		192	158		ug/L		82	30 - 150		
Benzo(a)pyrene	ND		192	125		ug/L		65	30 - 150		
Biphenyl	ND		192	117		ug/L		61	30 - 150		
Bis(2-chloroethoxy)methane	ND		192	109		ug/L		57	30 - 150		
Bis(2-chloroethyl)ether	ND		192	97.7		ug/L		51	30 - 150		
bis (2-chloroisopropyl) ether	ND		192	94.4		ug/L		49	30 - 150		
Bis(2-ethylhexyl) phthalate	ND		192	152		ug/L		79	30 - 150		
4-Bromophenyl phenyl ether	ND		192	134		ug/L		70	30 - 150		
Butyl benzyl phthalate	ND		192	154		ug/L		80	30 - 150		
Caprolactam	ND		192	157		ug/L		82	30 - 150		
Carbazole	ND		192	142		ug/L		74	30 - 150		
4-Chloroaniline	ND		192	68.5		ug/L		36	10 - 150		
4-Chloro-3-methylphenol	ND		192	125		ug/L		65	30 - 150		
2-Chloronaphthalene	ND		192	107		ug/L		55	30 - 150		
2-Chlorophenol	ND		192	88.6		ug/L		46	30 - 150		
4-Chlorophenyl phenyl ether	ND		192	124		ug/L		64	30 - 150		
Chrysene	ND		192	144		ug/L		75	30 - 150		
Dibenz(a,h)anthracene	ND		192	153		ug/L		80	30 - 150		
Dibenzofuran	ND		192	120		ug/L		62	30 - 150		
Di-n-butyl phthalate	ND		192	147		ug/L		76	30 - 150		
3,3'-Dichlorobenzidine	ND		192	6.96	J F1	ug/L		4	10 - 150		
2,4-Dichlorophenol	ND		192	105		ug/L		55	30 - 150		
Diethyl phthalate	ND		192	138		ug/L		72	30 - 150		

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

Lab Sample ID: 480-66157-1 MS
Matrix: Ground Water
Analysis Batch: 116828

Client Sample ID: BCC_Area A_DMH-A3 MS_0814
Prep Type: Total/NA
Prep Batch: 116492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	ND		192	99.7		ug/L		52	30 - 150
Dimethyl phthalate	ND		192	134		ug/L		70	30 - 150
4,6-Dinitro-2-methylphenol	ND		385	289		ug/L		75	30 - 150
2,4-Dinitrophenol	ND		385	272		ug/L		71	10 - 150
2,4-Dinitrotoluene	ND		192	142		ug/L		74	30 - 150
2,6-Dinitrotoluene	ND		192	146		ug/L		76	30 - 150
Di-n-octyl phthalate	ND		192	148		ug/L		77	10 - 150
Fluoranthene	ND		192	140		ug/L		73	30 - 150
Fluorene	ND		192	133		ug/L		69	30 - 150
Hexachlorobenzene	ND		192	131		ug/L		68	30 - 150
Hexachlorobutadiene	ND		192	94.9		ug/L		49	30 - 150
Hexachlorocyclopentadiene	ND		192	17.2	F1	ug/L		9	30 - 150
Hexachloroethane	ND		192	86.0		ug/L		45	30 - 150
Indeno(1,2,3-cd)pyrene	ND		192	147		ug/L		76	30 - 150
Isophorone	ND		192	116		ug/L		60	30 - 150
2-Methylnaphthalene	ND		192	108		ug/L		56	30 - 150
2-Methylphenol	ND		192	109		ug/L		57	30 - 150
4-Methylphenol	ND		192	108		ug/L		56	30 - 150
Naphthalene	ND		192	104		ug/L		54	30 - 150
2-Nitroaniline	ND		192	133		ug/L		69	30 - 150
3-Nitroaniline	ND		192	97.7		ug/L		51	10 - 150
4-Nitroaniline	ND		192	124		ug/L		65	30 - 150
Nitrobenzene	ND		192	106		ug/L		55	30 - 150
2-Nitrophenol	ND		192	106		ug/L		55	30 - 150
4-Nitrophenol	ND		385	288		ug/L		75	30 - 150
N-Nitrosodiphenylamine	ND		192	134		ug/L		70	30 - 150
N-Nitrosodi-n-propylamine	ND		192	107		ug/L		56	30 - 150
Pentachlorophenol	ND		385	295		ug/L		77	10 - 150
Phenanthrene	ND		192	131		ug/L		68	30 - 150
Phenol	ND		192	87.6		ug/L		46	30 - 150
Pyrene	ND		192	130		ug/L		68	30 - 150
2,4,5-Trichlorophenol	ND		192	125		ug/L		65	30 - 150
2,4,6-Trichlorophenol	ND		192	126		ug/L		65	30 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*30 - 150*
2-Fluorophenol	*56*		*30 - 150*
2,4,6-Tribromophenol	*101*		*30 - 150*
Nitrobenzene-d5	*76*		*30 - 150*
Phenol-d5	*69*		*30 - 150*
Terphenyl-d14 (Surr)	*77*		*10 - 150*

Lab Sample ID: 480-66157-1 MSD
Matrix: Ground Water
Analysis Batch: 116828

Client Sample ID: BCC_Area A_DMH-A3 MSD_0814
Prep Type: Total/NA
Prep Batch: 116492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		192	116		ug/L		60	30 - 150	2	35

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

Lab Sample ID: 480-66157-1 MSD
Matrix: Ground Water
Analysis Batch: 116828

Client Sample ID: BCC_Area A_DMH-A3 MSD_0814
Prep Type: Total/NA
Prep Batch: 116492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	ND		192	108		ug/L		56	30 - 150	5	35
Acetophenone	ND		192	101		ug/L		52	30 - 150	7	35
Aniline	ND		192	77.6		ug/L		40	30 - 150	7	35
Anthracene	ND		192	124		ug/L		65	30 - 150	0	35
Atrazine	ND		192	84.8		ug/L		44	30 - 150	1	35
Benzaldehyde	ND		192	66.3		ug/L		34	30 - 150	3	35
Benzo(a)anthracene	ND		192	137		ug/L		71	30 - 150	4	35
Benzo(b)fluoranthene	ND		192	122		ug/L		63	30 - 150	4	35
Benzo(k)fluoranthene	ND		192	133		ug/L		69	30 - 150	0	35
Benzo(g,h,i)perylene	ND		192	155		ug/L		81	30 - 150	2	35
Benzo(a)pyrene	ND		192	123		ug/L		64	30 - 150	2	35
Biphenyl	ND		192	113		ug/L		59	30 - 150	3	35
Bis(2-chloroethoxy)methane	ND		192	102		ug/L		53	30 - 150	7	35
Bis(2-chloroethyl)ether	ND		192	93.7		ug/L		49	30 - 150	4	35
bis (2-chloroisopropyl) ether	ND		192	89.5		ug/L		47	30 - 150	5	35
Bis(2-ethylhexyl) phthalate	ND		192	152		ug/L		79	30 - 150	0	35
4-Bromophenyl phenyl ether	ND		192	131		ug/L		68	30 - 150	2	35
Butyl benzyl phthalate	ND		192	150		ug/L		78	30 - 150	2	35
Caprolactam	ND		192	151		ug/L		79	30 - 150	4	35
Carbazole	ND		192	141		ug/L		74	30 - 150	0	35
4-Chloroaniline	ND		192	64.8		ug/L		34	10 - 150	6	35
4-Chloro-3-methylphenol	ND		192	122		ug/L		64	30 - 150	2	35
2-Chloronaphthalene	ND		192	103		ug/L		54	30 - 150	3	35
2-Chlorophenol	ND		192	83.3		ug/L		43	30 - 150	6	35
4-Chlorophenyl phenyl ether	ND		192	125		ug/L		65	30 - 150	1	35
Chrysene	ND		192	141		ug/L		73	30 - 150	3	35
Dibenz(a,h)anthracene	ND		192	152		ug/L		79	30 - 150	1	35
Dibenzofuran	ND		192	116		ug/L		61	30 - 150	3	35
Di-n-butyl phthalate	ND		192	146		ug/L		76	30 - 150	1	35
3,3'-Dichlorobenzidine	ND		192	9.67	F1	ug/L		5	10 - 150	33	35
2,4-Dichlorophenol	ND		192	101		ug/L		53	30 - 150	4	35
Diethyl phthalate	ND		192	136		ug/L		71	30 - 150	1	35
2,4-Dimethylphenol	ND		192	96.1		ug/L		50	30 - 150	4	35
Dimethyl phthalate	ND		192	129		ug/L		67	30 - 150	3	35
4,6-Dinitro-2-methylphenol	ND		385	286		ug/L		74	30 - 150	1	35
2,4-Dinitrophenol	ND		385	273		ug/L		71	10 - 150	1	35
2,4-Dinitrotoluene	ND		192	142		ug/L		74	30 - 150	0	35
2,6-Dinitrotoluene	ND		192	141		ug/L		73	30 - 150	3	35
Di-n-octyl phthalate	ND		192	145		ug/L		75	10 - 150	2	35
Fluoranthene	ND		192	138		ug/L		72	30 - 150	1	35
Fluorene	ND		192	131		ug/L		68	30 - 150	2	35
Hexachlorobenzene	ND		192	129		ug/L		67	30 - 150	2	35
Hexachlorobutadiene	ND		192	88.0		ug/L		46	30 - 150	8	35
Hexachlorocyclopentadiene	ND		192	11.4	F1 F2	ug/L		6	30 - 150	41	35
Hexachloroethane	ND		192	79.8		ug/L		41	30 - 150	7	35
Indeno(1,2,3-cd)pyrene	ND		192	144		ug/L		75	30 - 150	2	35
Isophorone	ND		192	110		ug/L		57	30 - 150	5	35
2-Methylnaphthalene	ND		192	102		ug/L		53	30 - 150	6	35

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

Lab Sample ID: 480-66157-1 MSD
Matrix: Ground Water
Analysis Batch: 116828

Client Sample ID: BCC_Area A_DMH-A3 MSD_0814
Prep Type: Total/NA
Prep Batch: 116492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylphenol	ND		192	105		ug/L		55	30 - 150	4	35
4-Methylphenol	ND		192	104		ug/L		54	30 - 150	3	35
Naphthalene	ND		192	97.3		ug/L		51	30 - 150	6	35
2-Nitroaniline	ND		192	130		ug/L		68	30 - 150	2	35
3-Nitroaniline	ND		192	97.2		ug/L		51	10 - 150	1	35
4-Nitroaniline	ND		192	122		ug/L		64	30 - 150	2	35
Nitrobenzene	ND		192	99.2		ug/L		52	30 - 150	7	35
2-Nitrophenol	ND		192	100		ug/L		52	30 - 150	6	35
4-Nitrophenol	ND		385	292		ug/L		76	30 - 150	1	35
N-Nitrosodiphenylamine	ND		192	130		ug/L		68	30 - 150	3	35
N-Nitrosodi-n-propylamine	ND		192	102		ug/L		53	30 - 150	5	35
Pentachlorophenol	ND		385	293		ug/L		76	10 - 150	1	35
Phenanthrene	ND		192	129		ug/L		67	30 - 150	1	35
Phenol	ND		192	83.6		ug/L		43	30 - 150	5	35
Pyrene	ND		192	127		ug/L		66	30 - 150	2	35
2,4,5-Trichlorophenol	ND		192	123		ug/L		64	30 - 150	2	35
2,4,6-Trichlorophenol	ND		192	126		ug/L		66	30 - 150	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*77*		*30 - 150*
2-Fluorophenol	*54*		*30 - 150*
2,4,6-Tribromophenol	*98*		*30 - 150*
Nitrobenzene-d5	*72*		*30 - 150*
Phenol-d5	*67*		*30 - 150*
Terphenyl-d14 (Surr)	*75*		*10 - 150*

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

GC/MS VOA

Analysis Batch: 201361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66157-1	BCC_Area A_DMH-A3_0814	Total/NA	Ground Water	8260C	
480-66157-1 MS	BCC_Area A_DMH-A3 MS_0814	Total/NA	Ground Water	8260C	
480-66157-1 MSD	BCC_Area A_DMH-A3 MSD_0814	Total/NA	Ground Water	8260C	
480-66157-2	BCC_Area A_DMH-A3D_0814	Total/NA	Water	8260C	
480-66157-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-201361/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-201361/8	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 116492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66157-1	BCC_Area A_DMH-A3_0814	Total/NA	Ground Water	3520C	
480-66157-1 MS	BCC_Area A_DMH-A3 MS_0814	Total/NA	Ground Water	3520C	
480-66157-1 MSD	BCC_Area A_DMH-A3 MSD_0814	Total/NA	Ground Water	3520C	
480-66157-2	BCC_Area A_DMH-A3D_0814	Total/NA	Water	3520C	
LCS 180-116492/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 180-116492/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 116828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66157-1	BCC_Area A_DMH-A3_0814	Total/NA	Ground Water	8270D	116492
480-66157-1 MS	BCC_Area A_DMH-A3 MS_0814	Total/NA	Ground Water	8270D	116492
480-66157-1 MSD	BCC_Area A_DMH-A3 MSD_0814	Total/NA	Ground Water	8270D	116492
480-66157-2	BCC_Area A_DMH-A3D_0814	Total/NA	Water	8270D	116492
LCS 180-116492/2-A	Lab Control Sample	Total/NA	Water	8270D	116492
MB 180-116492/1-A	Method Blank	Total/NA	Water	8270D	116492

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Client Sample ID: BCC_Area A_DMH-A3_0814

Lab Sample ID: 480-66157-1

Date Collected: 08/26/14 14:00

Matrix: Ground Water

Date Received: 08/26/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201361	09/09/14 02:50	CXM	TAL BUF
Total/NA	Prep	3520C			116492	08/29/14 09:21	BJT	TAL PIT
Total/NA	Analysis	8270D		1	116828	09/03/14 15:27	VVP	TAL PIT

Client Sample ID: BCC_Area A_DMH-A3D_0814

Lab Sample ID: 480-66157-2

Date Collected: 08/26/14 14:30

Matrix: Water

Date Received: 08/26/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201361	09/09/14 03:13	CXM	TAL BUF
Total/NA	Prep	3520C			116492	08/29/14 09:21	BJT	TAL PIT
Total/NA	Analysis	8270D		1	116828	09/03/14 16:52	VVP	TAL PIT

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-66157-3

Date Collected: 08/26/14 00:00

Matrix: Water

Date Received: 08/26/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201361	09/09/14 03:37	CXM	TAL BUF

Laboratory References:

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

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-15
Connecticut	State Program	1	PH-0688	09-30-14 *
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15
North Carolina (WW/SW)	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-15
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-14 *
West Virginia DEP	State Program	3	142	01-31-15
Wisconsin	State Program	5	998027800	08-31-14 *

* Certification renewal pending - certification considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT

Protocol References:

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

Laboratory References:

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

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-66157-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-66157-1	BCC_Area A_DMH-A3_0814	Ground Water	08/26/14 14:00	08/26/14 16:00
480-66157-2	BCC_Area A_DMH-A3D_0814	Water	08/26/14 14:30	08/26/14 16:00
480-66157-3	TRIP BLANK	Water	08/26/14 00:00	08/26/14 16:00

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 8-26-14 OSC	COC No: 27431B.0814
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier:	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area A Storm Sewer	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area A_DMH-A3_ 0814		1400	G	W	5	N	3	2	
BCC_Area A_DMH-A3D_ 0814		1430	G	W	5	N	3	2	
BCC_Area A_DMH-A3MS_ 0814		1500	G	W	5	N	3	2	
BCC_Area A_DMH-A3MSD_ 0814		1530	G	W	5	N	3	2	
Trip Blank		N/A	N/A	N/A	3		2		
Container Volume (ml)							40	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	1-A	

480-66157 Chain of Custody

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	8/26/14 1600	Cameron Waller	TAB	8-26-14 1600
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 11.0 w/ICE SAME DAY

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-66157-1

Login Number: 66157

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	Yes: Received same day of collection; chilling process has begun
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.	False	no dates of collection listed on coc
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	osc
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	Yes: Samples checked, no residual chlorine detected

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-66157-1

Login Number: 66157
List Number: 2
Creator: Butcher, Ryan M

List Source: TestAmerica Pittsburgh
List Creation: 08/28/14 11:46 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

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

TestAmerica Job ID: 480-70898-1
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:
12/7/2014 10:54:13 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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 exceeds the control limits
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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)

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Job ID: 480-70898-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-70898-1

Comments
No additional comments.

Receipt
The samples were received on 11/6/2014 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

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

GC/MS Semi VOA
Method(s) 8270D: The laboratory control sample (LCS) for batch 212797 recovered outside control limits for the following analytes: 3-Nitroaniline and Benzaldehyde. These analytes have been identified as a poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 216346 was outside the method criteria for the following analytes: 3,3'-Dichlorobenzidine and 4-Chloroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes are considered estimated. (CCVIS 480-216346/3), BCC Area A DMH-A3 D_1114 (480-70898-2), BCC Area A DMH-A3_1114 (480-70898-1)

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 Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3_1114 — Lab Sample ID: 480-70898-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2.6		1.0	0.75	ug/L	1		8260C	Total/NA
Benzaldehyde	1.1	J B	4.8	0.26	ug/L	1		8270D	Total/NA

Client Sample ID: BCC Area A DMH-A3 D_1114 — Lab Sample ID: 480-70898-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	10	3.0	ug/L	1		8260C	Total/NA
Chlorobenzene	3.7		1.0	0.75	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	1.7	J	4.9	0.39	ug/L	1		8270D	Total/NA
Benzaldehyde	1.3	J B *	4.9	0.26	ug/L	1		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-70898-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3_1114
Date Collected: 11/06/14 12:00
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/14 02:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/14 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/14 02:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/14 02:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/14 02:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/14 02:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/14 02:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/14 02:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/14 02:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/14 02:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/14 02:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/14 02:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/14 02:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/14 02:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/14 02:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/14 02:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/14 02:53	1
Acetone	ND		10	3.0	ug/L			11/17/14 02:53	1
Benzene	ND		1.0	0.41	ug/L			11/17/14 02:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/14 02:53	1
Bromoform	ND		1.0	0.26	ug/L			11/17/14 02:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/14 02:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/14 02:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/14 02:53	1
Chlorobenzene	**2.6**		1.0	0.75	ug/L			11/17/14 02:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/14 02:53	1
Chloroform	ND		1.0	0.34	ug/L			11/17/14 02:53	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/14 02:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/14 02:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/14 02:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/14 02:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/14 02:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/14 02:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/14 02:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/14 02:53	1
Methyl acetate	ND		2.5	0.50	ug/L			11/17/14 02:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/14 02:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/14 02:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/14 02:53	1
Styrene	ND		1.0	0.73	ug/L			11/17/14 02:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/14 02:53	1
Toluene	ND		1.0	0.51	ug/L			11/17/14 02:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/14 02:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/14 02:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/14 02:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/14 02:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/14 02:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/14 02:53	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3_1114
Date Collected: 11/06/14 12:00
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*11/17/14 02:53*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*11/17/14 02:53*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*11/17/14 02:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		11/07/14 14:05	11/28/14 20:32	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		11/07/14 14:05	11/28/14 20:32	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		11/07/14 14:05	11/28/14 20:32	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		11/07/14 14:05	11/28/14 20:32	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		11/07/14 14:05	11/28/14 20:32	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		11/07/14 14:05	11/28/14 20:32	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		11/07/14 14:05	11/28/14 20:32	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		11/07/14 14:05	11/28/14 20:32	1
2-Chlorophenol	ND		4.8	0.51	ug/L		11/07/14 14:05	11/28/14 20:32	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		11/07/14 14:05	11/28/14 20:32	1
2-Methylphenol	ND		4.8	0.38	ug/L		11/07/14 14:05	11/28/14 20:32	1
2-Nitroaniline	ND		9.6	0.40	ug/L		11/07/14 14:05	11/28/14 20:32	1
2-Nitrophenol	ND		4.8	0.46	ug/L		11/07/14 14:05	11/28/14 20:32	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		11/07/14 14:05	11/28/14 20:32	1
3-Nitroaniline	ND		9.6	0.46	ug/L		11/07/14 14:05	11/28/14 20:32	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		11/07/14 14:05	11/28/14 20:32	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		11/07/14 14:05	11/28/14 20:32	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		11/07/14 14:05	11/28/14 20:32	1
4-Chloroaniline	ND		4.8	0.56	ug/L		11/07/14 14:05	11/28/14 20:32	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		11/07/14 14:05	11/28/14 20:32	1
4-Methylphenol	ND		9.6	0.34	ug/L		11/07/14 14:05	11/28/14 20:32	1
4-Nitroaniline	ND		9.6	0.24	ug/L		11/07/14 14:05	11/28/14 20:32	1
4-Nitrophenol	ND		9.6	1.5	ug/L		11/07/14 14:05	11/28/14 20:32	1
Acenaphthene	ND		4.8	0.39	ug/L		11/07/14 14:05	11/28/14 20:32	1
Acenaphthylene	ND		4.8	0.36	ug/L		11/07/14 14:05	11/28/14 20:32	1
Acetophenone	ND		4.8	0.52	ug/L		11/07/14 14:05	11/28/14 20:32	1
Aniline	ND		9.6	0.58	ug/L		11/07/14 14:05	11/28/14 20:32	1
Anthracene	ND		4.8	0.27	ug/L		11/07/14 14:05	11/28/14 20:32	1
Atrazine	ND		4.8	0.44	ug/L		11/07/14 14:05	11/28/14 20:32	1
Benzaldehyde	**1.1**	**J B**	4.8	0.26	ug/L		11/07/14 14:05	11/28/14 20:32	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		11/07/14 14:05	11/28/14 20:32	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		11/07/14 14:05	11/28/14 20:32	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		11/07/14 14:05	11/28/14 20:32	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		11/07/14 14:05	11/28/14 20:32	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		11/07/14 14:05	11/28/14 20:32	1
Biphenyl	ND		4.8	0.62	ug/L		11/07/14 14:05	11/28/14 20:32	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		11/07/14 14:05	11/28/14 20:32	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		11/07/14 14:05	11/28/14 20:32	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		11/07/14 14:05	11/28/14 20:32	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		11/07/14 14:05	11/28/14 20:32	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		11/07/14 14:05	11/28/14 20:32	1
Caprolactam	ND		4.8	2.1	ug/L		11/07/14 14:05	11/28/14 20:32	1
Carbazole	ND		4.8	0.29	ug/L		11/07/14 14:05	11/28/14 20:32	1
Chrysene	ND		4.8	0.32	ug/L		11/07/14 14:05	11/28/14 20:32	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3_1114
Date Collected: 11/06/14 12:00
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		11/07/14 14:05	11/28/14 20:32	1
Dibenzofuran	ND		9.6	0.49	ug/L		11/07/14 14:05	11/28/14 20:32	1
Diethyl phthalate	ND		4.8	0.21	ug/L		11/07/14 14:05	11/28/14 20:32	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		11/07/14 14:05	11/28/14 20:32	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		11/07/14 14:05	11/28/14 20:32	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		11/07/14 14:05	11/28/14 20:32	1
Fluoranthene	ND		4.8	0.38	ug/L		11/07/14 14:05	11/28/14 20:32	1
Fluorene	ND		4.8	0.34	ug/L		11/07/14 14:05	11/28/14 20:32	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		11/07/14 14:05	11/28/14 20:32	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		11/07/14 14:05	11/28/14 20:32	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		11/07/14 14:05	11/28/14 20:32	1
Hexachloroethane	ND		4.8	0.56	ug/L		11/07/14 14:05	11/28/14 20:32	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		11/07/14 14:05	11/28/14 20:32	1
Isophorone	ND		4.8	0.41	ug/L		11/07/14 14:05	11/28/14 20:32	1
Naphthalene	ND		4.8	0.73	ug/L		11/07/14 14:05	11/28/14 20:32	1
Nitrobenzene	ND		4.8	0.28	ug/L		11/07/14 14:05	11/28/14 20:32	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		11/07/14 14:05	11/28/14 20:32	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		11/07/14 14:05	11/28/14 20:32	1
Pentachlorophenol	ND		9.6	2.1	ug/L		11/07/14 14:05	11/28/14 20:32	1
Phenanthrene	ND		4.8	0.42	ug/L		11/07/14 14:05	11/28/14 20:32	1
Phenol	ND		4.8	0.37	ug/L		11/07/14 14:05	11/28/14 20:32	1
Pyrene	ND		4.8	0.33	ug/L		11/07/14 14:05	11/28/14 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 132*	*11/07/14 14:05*	*11/28/14 20:32*	*1*
2-Fluorobiphenyl	*66*		*48 - 120*	*11/07/14 14:05*	*11/28/14 20:32*	*1*
2-Fluorophenol	*51*		*20 - 120*	*11/07/14 14:05*	*11/28/14 20:32*	*1*
Nitrobenzene-d5	*69*		*46 - 120*	*11/07/14 14:05*	*11/28/14 20:32*	*1*
Phenol-d5	*36*		*16 - 120*	*11/07/14 14:05*	*11/28/14 20:32*	*1*
p-Terphenyl-d14	*71*		*67 - 150*	*11/07/14 14:05*	*11/28/14 20:32*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3 D_1114
Date Collected: 11/06/14 12:30
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/14 03:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/14 03:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/14 03:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/14 03:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/14 03:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/14 03:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/14 03:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/14 03:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/14 03:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/14 03:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/14 03:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/14 03:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/14 03:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/14 03:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/14 03:16	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/14 03:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/14 03:16	1
Acetone	**4.7**	**J**	10	3.0	ug/L			11/17/14 03:16	1
Benzene	ND		1.0	0.41	ug/L			11/17/14 03:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/14 03:16	1
Bromoform	ND		1.0	0.26	ug/L			11/17/14 03:16	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/14 03:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/14 03:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/14 03:16	1
Chlorobenzene	**3.7**		1.0	0.75	ug/L			11/17/14 03:16	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/14 03:16	1
Chloroform	ND		1.0	0.34	ug/L			11/17/14 03:16	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/14 03:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/14 03:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/14 03:16	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/14 03:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/14 03:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/14 03:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/14 03:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/14 03:16	1
Methyl acetate	ND		2.5	0.50	ug/L			11/17/14 03:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/14 03:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/14 03:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/14 03:16	1
Styrene	ND		1.0	0.73	ug/L			11/17/14 03:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/14 03:16	1
Toluene	ND		1.0	0.51	ug/L			11/17/14 03:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/14 03:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/14 03:16	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/14 03:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/14 03:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/14 03:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/14 03:16	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3 D_1114
Date Collected: 11/06/14 12:30
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*11/17/14 03:16*	*1*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*11/17/14 03:16*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*11/17/14 03:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		11/07/14 14:05	11/28/14 20:58	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		11/07/14 14:05	11/28/14 20:58	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		11/07/14 14:05	11/28/14 20:58	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		11/07/14 14:05	11/28/14 20:58	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		11/07/14 14:05	11/28/14 20:58	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		11/07/14 14:05	11/28/14 20:58	1
2,6-Dinitrotoluene	**1.7**	**J**	4.9	0.39	ug/L		11/07/14 14:05	11/28/14 20:58	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		11/07/14 14:05	11/28/14 20:58	1
2-Chlorophenol	ND		4.9	0.52	ug/L		11/07/14 14:05	11/28/14 20:58	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		11/07/14 14:05	11/28/14 20:58	1
2-Methylphenol	ND		4.9	0.39	ug/L		11/07/14 14:05	11/28/14 20:58	1
2-Nitroaniline	ND		9.8	0.41	ug/L		11/07/14 14:05	11/28/14 20:58	1
2-Nitrophenol	ND		4.9	0.47	ug/L		11/07/14 14:05	11/28/14 20:58	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		11/07/14 14:05	11/28/14 20:58	1
3-Nitroaniline	ND	*	9.8	0.47	ug/L		11/07/14 14:05	11/28/14 20:58	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		11/07/14 14:05	11/28/14 20:58	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		11/07/14 14:05	11/28/14 20:58	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		11/07/14 14:05	11/28/14 20:58	1
4-Chloroaniline	ND		4.9	0.58	ug/L		11/07/14 14:05	11/28/14 20:58	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		11/07/14 14:05	11/28/14 20:58	1
4-Methylphenol	ND		9.8	0.35	ug/L		11/07/14 14:05	11/28/14 20:58	1
4-Nitroaniline	ND		9.8	0.24	ug/L		11/07/14 14:05	11/28/14 20:58	1
4-Nitrophenol	ND		9.8	1.5	ug/L		11/07/14 14:05	11/28/14 20:58	1
Acenaphthene	ND		4.9	0.40	ug/L		11/07/14 14:05	11/28/14 20:58	1
Acenaphthylene	ND		4.9	0.37	ug/L		11/07/14 14:05	11/28/14 20:58	1
Acetophenone	ND		4.9	0.53	ug/L		11/07/14 14:05	11/28/14 20:58	1
Aniline	ND		9.8	0.60	ug/L		11/07/14 14:05	11/28/14 20:58	1
Anthracene	ND		4.9	0.27	ug/L		11/07/14 14:05	11/28/14 20:58	1
Atrazine	ND		4.9	0.45	ug/L		11/07/14 14:05	11/28/14 20:58	1
Benzaldehyde	**1.3**	**J B ***	4.9	0.26	ug/L		11/07/14 14:05	11/28/14 20:58	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		11/07/14 14:05	11/28/14 20:58	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		11/07/14 14:05	11/28/14 20:58	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		11/07/14 14:05	11/28/14 20:58	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		11/07/14 14:05	11/28/14 20:58	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		11/07/14 14:05	11/28/14 20:58	1
Biphenyl	ND		4.9	0.64	ug/L		11/07/14 14:05	11/28/14 20:58	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		11/07/14 14:05	11/28/14 20:58	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		11/07/14 14:05	11/28/14 20:58	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		11/07/14 14:05	11/28/14 20:58	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		11/07/14 14:05	11/28/14 20:58	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		11/07/14 14:05	11/28/14 20:58	1
Caprolactam	ND		4.9	2.2	ug/L		11/07/14 14:05	11/28/14 20:58	1
Carbazole	ND		4.9	0.29	ug/L		11/07/14 14:05	11/28/14 20:58	1
Chrysene	ND		4.9	0.32	ug/L		11/07/14 14:05	11/28/14 20:58	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3 D_1114
Date Collected: 11/06/14 12:30
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		11/07/14 14:05	11/28/14 20:58	1
Dibenzofuran	ND		9.8	0.50	ug/L		11/07/14 14:05	11/28/14 20:58	1
Diethyl phthalate	ND		4.9	0.22	ug/L		11/07/14 14:05	11/28/14 20:58	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		11/07/14 14:05	11/28/14 20:58	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		11/07/14 14:05	11/28/14 20:58	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		11/07/14 14:05	11/28/14 20:58	1
Fluoranthene	ND		4.9	0.39	ug/L		11/07/14 14:05	11/28/14 20:58	1
Fluorene	ND		4.9	0.35	ug/L		11/07/14 14:05	11/28/14 20:58	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		11/07/14 14:05	11/28/14 20:58	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		11/07/14 14:05	11/28/14 20:58	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		11/07/14 14:05	11/28/14 20:58	1
Hexachloroethane	ND		4.9	0.58	ug/L		11/07/14 14:05	11/28/14 20:58	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		11/07/14 14:05	11/28/14 20:58	1
Isophorone	ND		4.9	0.42	ug/L		11/07/14 14:05	11/28/14 20:58	1
Naphthalene	ND		4.9	0.74	ug/L		11/07/14 14:05	11/28/14 20:58	1
Nitrobenzene	ND		4.9	0.28	ug/L		11/07/14 14:05	11/28/14 20:58	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		11/07/14 14:05	11/28/14 20:58	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		11/07/14 14:05	11/28/14 20:58	1
Pentachlorophenol	ND		9.8	2.2	ug/L		11/07/14 14:05	11/28/14 20:58	1
Phenanthrene	ND		4.9	0.43	ug/L		11/07/14 14:05	11/28/14 20:58	1
Phenol	ND		4.9	0.38	ug/L		11/07/14 14:05	11/28/14 20:58	1
Pyrene	ND		4.9	0.33	ug/L		11/07/14 14:05	11/28/14 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*11/07/14 14:05*	*11/28/14 20:58*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*11/07/14 14:05*	*11/28/14 20:58*	*1*
2-Fluorophenol	*72*		*20 - 120*	*11/07/14 14:05*	*11/28/14 20:58*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*11/07/14 14:05*	*11/28/14 20:58*	*1*
Phenol-d5	*53*		*16 - 120*	*11/07/14 14:05*	*11/28/14 20:58*	*1*
p-Terphenyl-d14	*82*		*67 - 150*	*11/07/14 14:05*	*11/28/14 20:58*	*1*

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: TRIP BLANK
Date Collected: 11/06/14 00:00
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/14 03:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/14 03:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/14 03:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/14 03:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/14 03:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/14 03:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/14 03:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/14 03:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/14 03:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/14 03:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/14 03:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/14 03:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/14 03:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/14 03:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/14 03:39	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/14 03:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/14 03:39	1
Acetone	ND		10	3.0	ug/L			11/17/14 03:39	1
Benzene	ND		1.0	0.41	ug/L			11/17/14 03:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/14 03:39	1
Bromoform	ND		1.0	0.26	ug/L			11/17/14 03:39	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/14 03:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/14 03:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/14 03:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/14 03:39	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/14 03:39	1
Chloroform	ND		1.0	0.34	ug/L			11/17/14 03:39	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/14 03:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/14 03:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/14 03:39	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/14 03:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/14 03:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/14 03:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/14 03:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/14 03:39	1
Methyl acetate	ND		2.5	0.50	ug/L			11/17/14 03:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/14 03:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/14 03:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/14 03:39	1
Styrene	ND		1.0	0.73	ug/L			11/17/14 03:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/14 03:39	1
Toluene	ND		1.0	0.51	ug/L			11/17/14 03:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/14 03:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/14 03:39	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/14 03:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/14 03:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/14 03:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/14 03:39	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: TRIP BLANK
Date Collected: 11/06/14 00:00
Date Received: 11/06/14 16:00

Lab Sample ID: 480-70898-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		11/17/14 03:39	1
4-Bromofluorobenzene (Surr)	113		73 - 120		11/17/14 03:39	1
Toluene-d8 (Surr)	112		71 - 126		11/17/14 03:39	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-70898-1	BCC Area A DMH-A3_1114	114	114	113
480-70898-1 MS	BCC Area A DMH-A3MS_1114	111	113	113
480-70898-1 MSD	BCC Area A DMH-A3MSD_1114	109	111	111
480-70898-2	BCC Area A DMH-A3 D_1114	112	115	113

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-70898-3	TRIP BLANK	113	113	112
LCS 480-214353/5	Lab Control Sample	113	115	116
MB 480-214353/7	Method Blank	113	113	114

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-70898-1	BCC Area A DMH-A3_1114	87	66	51	69	36	71
480-70898-1 MS	BCC Area A DMH-A3MS_1114	101	85	88	93	60	83
480-70898-1 MSD	BCC Area A DMH-A3MSD_1114	101	85	90	94	62	84
480-70898-2	BCC Area A DMH-A3 D_1114	99	75	72	80	53	82

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: 480-70898-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)		
LCS 480-212797/2-A	Lab Control Sample	84	76	88	86	61	84		
MB 480-212797/1-A	Method Blank	78	84	89	92	67	90		

Surrogate Legend

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

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

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

Lab Sample ID: MB 480-214353/7
Matrix: Water
Analysis Batch: 214353

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/16/14 23:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/16/14 23:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/16/14 23:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/16/14 23:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/16/14 23:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/16/14 23:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/16/14 23:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/16/14 23:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/16/14 23:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/16/14 23:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/16/14 23:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/16/14 23:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/16/14 23:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/16/14 23:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/16/14 23:57	1
2-Hexanone	ND		5.0	1.2	ug/L			11/16/14 23:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/16/14 23:57	1
Acetone	ND		10	3.0	ug/L			11/16/14 23:57	1
Benzene	ND		1.0	0.41	ug/L			11/16/14 23:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/16/14 23:57	1
Bromoform	ND		1.0	0.26	ug/L			11/16/14 23:57	1
Bromomethane	ND		1.0	0.69	ug/L			11/16/14 23:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/16/14 23:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/16/14 23:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/16/14 23:57	1
Chloroethane	ND		1.0	0.32	ug/L			11/16/14 23:57	1
Chloroform	ND		1.0	0.34	ug/L			11/16/14 23:57	1
Chloromethane	ND		1.0	0.35	ug/L			11/16/14 23:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/16/14 23:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/16/14 23:57	1
Cyclohexane	ND		1.0	0.18	ug/L			11/16/14 23:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/16/14 23:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/16/14 23:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/16/14 23:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/16/14 23:57	1
Methyl acetate	ND		2.5	0.50	ug/L			11/16/14 23:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/16/14 23:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/16/14 23:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/16/14 23:57	1
Styrene	ND		1.0	0.73	ug/L			11/16/14 23:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/16/14 23:57	1
Toluene	ND		1.0	0.51	ug/L			11/16/14 23:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/16/14 23:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/16/14 23:57	1
Trichloroethene	ND		1.0	0.46	ug/L			11/16/14 23:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/16/14 23:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/16/14 23:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/16/14 23:57	1

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

Lab Sample ID: MB 480-214353/7
Matrix: Water
Analysis Batch: 214353

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		11/16/14 23:57	1
4-Bromofluorobenzene (Surr)	113		73 - 120		11/16/14 23:57	1
Toluene-d8 (Surr)	114		71 - 126		11/16/14 23:57	1

Lab Sample ID: LCS 480-214353/5
Matrix: Water
Analysis Batch: 214353

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.1		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	32.1		ug/L		128	52 - 148
1,1,2-Trichloroethane	25.0	29.1		ug/L		116	76 - 122
1,1-Dichloroethane	25.0	29.3		ug/L		117	71 - 129
1,1-Dichloroethene	25.0	28.6		ug/L		115	58 - 121
1,2,4-Trichlorobenzene	25.0	29.9		ug/L		120	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.9		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	29.6		ug/L		118	77 - 120
1,2-Dichlorobenzene	25.0	28.1		ug/L		112	80 - 124
1,2-Dichloroethane	25.0	28.0		ug/L		112	75 - 127
1,2-Dichloropropane	25.0	28.8		ug/L		115	76 - 120
1,3-Dichlorobenzene	25.0	28.3		ug/L		113	77 - 120
1,4-Dichlorobenzene	25.0	28.2		ug/L		113	75 - 120
2-Butanone (MEK)	125	137		ug/L		109	57 - 140
2-Hexanone	125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	145		ug/L		116	56 - 142
Benzene	25.0	28.5		ug/L		114	71 - 124
Bromodichloromethane	25.0	27.1		ug/L		109	80 - 122
Bromoform	25.0	23.2		ug/L		93	52 - 132
Bromomethane	25.0	22.7		ug/L		91	55 - 144
Carbon disulfide	25.0	26.1		ug/L		104	59 - 134
Carbon tetrachloride	25.0	27.3		ug/L		109	72 - 134
Chlorobenzene	25.0	28.8		ug/L		115	72 - 120
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	27.7		ug/L		111	73 - 127
Chloromethane	25.0	28.1		ug/L		112	68 - 124
cis-1,2-Dichloroethene	25.0	28.7		ug/L		115	74 - 124
cis-1,3-Dichloropropene	25.0	28.0		ug/L		112	74 - 124
Cyclohexane	25.0	29.7		ug/L		119	59 - 135
Dibromochloromethane	25.0	26.2		ug/L		105	75 - 125
Dichlorodifluoromethane	25.0	25.1		ug/L		100	59 - 135
Ethylbenzene	25.0	28.4		ug/L		114	77 - 123
Isopropylbenzene	25.0	28.4		ug/L		114	77 - 122
Methyl acetate	125	153		ug/L		123	74 - 133
Methyl tert-butyl ether	25.0	27.8		ug/L		111	64 - 127
Methylcyclohexane	25.0	29.4		ug/L		118	61 - 138

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

Lab Sample ID: LCS 480-214353/5
Matrix: Water
Analysis Batch: 214353

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	28.2		ug/L		113	57 - 132
Styrene	25.0	29.7		ug/L		119	70 - 130
Tetrachloroethene	25.0	29.3		ug/L		117	74 - 122
Toluene	25.0	28.7		ug/L		115	80 - 122
trans-1,2-Dichloroethene	25.0	29.5		ug/L		118	73 - 127
trans-1,3-Dichloropropene	25.0	28.0		ug/L		112	72 - 123
Trichloroethene	25.0	28.7		ug/L		115	74 - 123
Trichlorofluoromethane	25.0	27.8		ug/L		111	62 - 152
Vinyl chloride	25.0	27.6		ug/L		110	65 - 133
Xylenes, Total	50.0	57.8		ug/L		116	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*
Toluene-d8 (Surr)	*116*		*71 - 126*

Lab Sample ID: 480-70898-1 MS
Matrix: Ground Water
Analysis Batch: 214353

Client Sample ID: BCC Area A DMH-A3MS_1114
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	32.2	F1	ug/L		129	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	29.2		ug/L		117	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	36.5		ug/L		146	52 - 148
1,1,2-Trichloroethane	ND		25.0	31.2	F1	ug/L		125	76 - 122
1,1-Dichloroethane	ND		25.0	32.7	F1	ug/L		131	71 - 129
1,1-Dichloroethene	ND		25.0	33.2	F1	ug/L		133	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	31.5	F1	ug/L		126	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.6		ug/L		106	56 - 134
1,2-Dibromoethane	ND		25.0	31.3	F1	ug/L		125	77 - 120
1,2-Dichlorobenzene	ND		25.0	30.7		ug/L		123	80 - 124
1,2-Dichloroethane	ND		25.0	29.9		ug/L		120	75 - 127
1,2-Dichloropropane	ND		25.0	31.3	F1	ug/L		125	76 - 120
1,3-Dichlorobenzene	ND		25.0	30.9	F1	ug/L		124	77 - 120
1,4-Dichlorobenzene	ND		25.0	30.8	F1	ug/L		123	75 - 120
2-Butanone (MEK)	ND		125	140		ug/L		112	57 - 140
2-Hexanone	ND		125	146		ug/L		117	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	148		ug/L		118	71 - 125
Acetone	ND		125	142		ug/L		113	56 - 142
Benzene	ND		25.0	31.7	F1	ug/L		127	71 - 124
Bromodichloromethane	ND		25.0	29.9		ug/L		120	80 - 122
Bromoform	ND		25.0	27.1		ug/L		108	52 - 132
Bromomethane	ND		25.0	43.0	F1	ug/L		172	55 - 144
Carbon disulfide	ND		25.0	28.6		ug/L		114	59 - 134
Carbon tetrachloride	ND		25.0	31.1		ug/L		124	72 - 134
Chlorobenzene	2.6		25.0	35.6	F1	ug/L		132	72 - 120
Chloroethane	ND		25.0	33.2		ug/L		133	69 - 136

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

Lab Sample ID: 480-70898-1 MS
Matrix: Ground Water
Analysis Batch: 214353

Client Sample ID: BCC Area A DMH-A3MS_1114
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	30.6		ug/L		122	73 - 127
Chloromethane	ND		25.0	30.5		ug/L		122	68 - 124
cis-1,2-Dichloroethene	ND		25.0	31.9	F1	ug/L		127	74 - 124
cis-1,3-Dichloropropene	ND		25.0	29.9		ug/L		120	74 - 124
Cyclohexane	ND		25.0	32.6		ug/L		130	59 - 135
Dibromochloromethane	ND		25.0	29.7		ug/L		119	75 - 125
Dichlorodifluoromethane	ND		25.0	27.7		ug/L		111	59 - 135
Ethylbenzene	ND		25.0	31.9	F1	ug/L		128	77 - 123
Isopropylbenzene	ND		25.0	31.5	F1	ug/L		126	77 - 122
Methyl acetate	ND		125	157		ug/L		126	74 - 133
Methyl tert-butyl ether	ND		25.0	29.5		ug/L		118	64 - 127
Methylcyclohexane	ND		25.0	33.1		ug/L		132	61 - 138
Methylene Chloride	ND		25.0	30.2		ug/L		121	57 - 132
Styrene	ND		25.0	32.2		ug/L		129	70 - 130
Tetrachloroethene	ND		25.0	33.8	F1	ug/L		135	74 - 122
Toluene	ND		25.0	32.1	F1	ug/L		128	80 - 122
trans-1,2-Dichloroethene	ND		25.0	33.9	F1	ug/L		136	73 - 127
trans-1,3-Dichloropropene	ND		25.0	30.5		ug/L		122	72 - 123
Trichloroethene	ND		25.0	32.0	F1	ug/L		128	74 - 123
Trichlorofluoromethane	ND		25.0	35.5		ug/L		142	62 - 152
Vinyl chloride	ND		25.0	31.0		ug/L		124	65 - 133
Xylenes, Total	ND		50.0	65.1	F1	ug/L		130	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*
Toluene-d8 (Surr)	*113*		*71 - 126*

Lab Sample ID: 480-70898-1 MSD
Matrix: Ground Water
Analysis Batch: 214353

Client Sample ID: BCC Area A DMH-A3MSD_1114
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	31.2		ug/L		125	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		25.0	29.2		ug/L		117	70 - 126	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	33.1		ug/L		133	52 - 148	10	20
1,1,2-Trichloroethane	ND		25.0	30.9	F1	ug/L		124	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	31.5		ug/L		126	71 - 129	4	20
1,1-Dichloroethene	ND		25.0	32.8	F1	ug/L		131	58 - 121	1	16
1,2,4-Trichlorobenzene	ND		25.0	31.4	F1	ug/L		126	70 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.6		ug/L		106	56 - 134	0	15
1,2-Dibromoethane	ND		25.0	31.1	F1	ug/L		124	77 - 120	1	15
1,2-Dichlorobenzene	ND		25.0	30.7		ug/L		123	80 - 124	0	20
1,2-Dichloroethane	ND		25.0	29.5		ug/L		118	75 - 127	1	20
1,2-Dichloropropane	ND		25.0	30.8	F1	ug/L		123	76 - 120	2	20
1,3-Dichlorobenzene	ND		25.0	30.5	F1	ug/L		122	77 - 120	1	20
1,4-Dichlorobenzene	ND		25.0	30.5	F1	ug/L		122	75 - 120	1	20

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

Lab Sample ID: 480-70898-1 MSD
Matrix: Ground Water
Analysis Batch: 214353

Client Sample ID: BCC Area A DMH-A3MSD_1114
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	141		ug/L		113	57 - 140	1	20
2-Hexanone	ND		125	146		ug/L		117	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		125	147		ug/L		117	71 - 125	1	35
Acetone	ND		125	136		ug/L		109	56 - 142	4	15
Benzene	ND		25.0	31.1		ug/L		124	71 - 124	2	13
Bromodichloromethane	ND		25.0	29.8		ug/L		119	80 - 122	0	15
Bromoform	ND		25.0	27.3		ug/L		109	52 - 132	1	15
Bromomethane	ND		25.0	45.8	F1	ug/L		183	55 - 144	6	15
Carbon disulfide	ND		25.0	27.8		ug/L		111	59 - 134	3	15
Carbon tetrachloride	ND		25.0	30.4		ug/L		122	72 - 134	2	15
Chlorobenzene	2.6		25.0	35.2	F1	ug/L		130	72 - 120	1	25
Chloroethane	ND		25.0	35.3	F1	ug/L		141	69 - 136	6	15
Chloroform	ND		25.0	30.3		ug/L		121	73 - 127	1	20
Chloromethane	ND		25.0	31.2	F1	ug/L		125	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	31.3	F1	ug/L		125	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	29.6		ug/L		118	74 - 124	1	15
Cyclohexane	ND		25.0	31.7		ug/L		127	59 - 135	3	20
Dibromochloromethane	ND		25.0	29.4		ug/L		117	75 - 125	1	15
Dichlorodifluoromethane	ND		25.0	28.7		ug/L		115	59 - 135	3	20
Ethylbenzene	ND		25.0	31.3	F1	ug/L		125	77 - 123	2	15
Isopropylbenzene	ND		25.0	31.2	F1	ug/L		125	77 - 122	1	20
Methyl acetate	ND		125	157		ug/L		126	74 - 133	0	20
Methyl tert-butyl ether	ND		25.0	28.7		ug/L		115	64 - 127	3	37
Methylcyclohexane	ND		25.0	32.3		ug/L		129	61 - 138	2	20
Methylene Chloride	ND		25.0	30.2		ug/L		121	57 - 132	0	15
Styrene	ND		25.0	31.9		ug/L		127	70 - 130	1	20
Tetrachloroethene	ND		25.0	33.3	F1	ug/L		133	74 - 122	1	20
Toluene	ND		25.0	31.1	F1	ug/L		125	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	31.8		ug/L		127	73 - 127	7	20
trans-1,3-Dichloropropene	ND		25.0	29.8		ug/L		119	72 - 123	2	15
Trichloroethene	ND		25.0	31.6	F1	ug/L		127	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	36.4		ug/L		145	62 - 152	2	20
Vinyl chloride	ND		25.0	32.8		ug/L		131	65 - 133	6	15
Xylenes, Total	ND		50.0	63.4	F1	ug/L		127	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*
Toluene-d8 (Surr)	*111*		*71 - 126*

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

Lab Sample ID: MB 480-212797/1-A
Matrix: Water
Analysis Batch: 216155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/14 14:05	11/26/14 17:11	1

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

Lab Sample ID: MB 480-212797/1-A
Matrix: Water
Analysis Batch: 216155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/14 14:05	11/26/14 17:11	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/14 14:05	11/26/14 17:11	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/14 14:05	11/26/14 17:11	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/14 14:05	11/26/14 17:11	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/14 14:05	11/26/14 17:11	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/14 14:05	11/26/14 17:11	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/14 14:05	11/26/14 17:11	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/14 14:05	11/26/14 17:11	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/14 14:05	11/26/14 17:11	1
Aniline	ND		10	0.61	ug/L		11/07/14 14:05	11/26/14 17:11	1
Anthracene	ND		5.0	0.28	ug/L		11/07/14 14:05	11/26/14 17:11	1
Atrazine	ND		5.0	0.46	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzaldehyde	1.26	J	5.0	0.27	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/14 14:05	11/26/14 17:11	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/14 14:05	11/26/14 17:11	1
Biphenyl	ND		5.0	0.65	ug/L		11/07/14 14:05	11/26/14 17:11	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/14 14:05	11/26/14 17:11	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/14 14:05	11/26/14 17:11	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		11/07/14 14:05	11/26/14 17:11	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/07/14 14:05	11/26/14 17:11	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
Carbazole	ND		5.0	0.30	ug/L		11/07/14 14:05	11/26/14 17:11	1
Chrysene	ND		5.0	0.33	ug/L		11/07/14 14:05	11/26/14 17:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/14 14:05	11/26/14 17:11	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/14 14:05	11/26/14 17:11	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/14 14:05	11/26/14 17:11	1

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

Lab Sample ID: MB 480-212797/1-A
Matrix: Water
Analysis Batch: 216155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/14 14:05	11/26/14 17:11	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/14 14:05	11/26/14 17:11	1
Fluorene	ND		5.0	0.36	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/14 14:05	11/26/14 17:11	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/14 14:05	11/26/14 17:11	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/14 14:05	11/26/14 17:11	1
Isophorone	ND		5.0	0.43	ug/L		11/07/14 14:05	11/26/14 17:11	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/14 14:05	11/26/14 17:11	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/14 14:05	11/26/14 17:11	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/14 14:05	11/26/14 17:11	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/14 14:05	11/26/14 17:11	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/14 14:05	11/26/14 17:11	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/14 14:05	11/26/14 17:11	1
Phenol	ND		5.0	0.39	ug/L		11/07/14 14:05	11/26/14 17:11	1
Pyrene	ND		5.0	0.34	ug/L		11/07/14 14:05	11/26/14 17:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*52 - 132*	*11/07/14 14:05*	*11/26/14 17:11*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*11/07/14 14:05*	*11/26/14 17:11*	*1*
2-Fluorophenol	*89*		*20 - 120*	*11/07/14 14:05*	*11/26/14 17:11*	*1*
Nitrobenzene-d5	*92*		*46 - 120*	*11/07/14 14:05*	*11/26/14 17:11*	*1*
Phenol-d5	*67*		*16 - 120*	*11/07/14 14:05*	*11/26/14 17:11*	*1*
p-Terphenyl-d14	*90*		*67 - 150*	*11/07/14 14:05*	*11/26/14 17:11*	*1*

Lab Sample ID: LCS 480-212797/2-A
Matrix: Water
Analysis Batch: 216155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	14.3		ug/L		89	65 - 126
2,4,6-Trichlorophenol	16.0	14.5		ug/L		91	64 - 120
2,4-Dichlorophenol	16.0	13.0		ug/L		81	64 - 120
2,4-Dimethylphenol	16.0	12.5		ug/L		78	57 - 120
2,4-Dinitrophenol	32.0	29.7		ug/L		93	42 - 153
2,4-Dinitrotoluene	16.0	13.7		ug/L		86	65 - 154
2,6-Dinitrotoluene	16.0	13.1		ug/L		82	74 - 134
2-Chloronaphthalene	16.0	12.9		ug/L		81	41 - 124
2-Chlorophenol	16.0	13.8		ug/L		86	48 - 120
2-Methylnaphthalene	16.0	11.9		ug/L		74	34 - 122
2-Methylphenol	16.0	13.2		ug/L		83	39 - 120
2-Nitroaniline	16.0	12.1		ug/L		76	67 - 136
2-Nitrophenol	16.0	13.2		ug/L		83	59 - 120
3,3'-Dichlorobenzidine	32.0	32.0		ug/L		100	33 - 140
3-Nitroaniline	16.0	15.8	*	ug/L		98	28 - 86
4,6-Dinitro-2-methylphenol	32.0	28.3		ug/L		88	64 - 159
4-Bromophenyl phenyl ether	16.0	12.4		ug/L		77	71 - 126

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

Lab Sample ID: LCS 480-212797/2-A
Matrix: Water
Analysis Batch: 216155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	16.0	12.7		ug/L		80	64 - 120
4-Chloroaniline	16.0	9.36		ug/L		58	10 - 77
4-Chlorophenyl phenyl ether	16.0	12.9		ug/L		80	71 - 122
4-Methylphenol	16.0	12.8		ug/L		80	39 - 120
4-Nitroaniline	16.0	15.9		ug/L		100	47 - 113
4-Nitrophenol	32.0	19.3		ug/L		60	16 - 120
Acenaphthene	16.0	12.4		ug/L		78	60 - 120
Acenaphthylene	16.0	12.9		ug/L		80	63 - 120
Acetophenone	16.0	12.7		ug/L		79	45 - 120
Aniline	16.0	12.1		ug/L		76	37 - 120
Anthracene	16.0	12.5		ug/L		78	58 - 148
Atrazine	32.0	28.5		ug/L		89	56 - 179
Benzaldehyde	32.0	45.8	*	ug/L		143	30 - 140
Benzo(a)anthracene	16.0	13.3		ug/L		83	55 - 151
Benzo(a)pyrene	16.0	13.1		ug/L		82	60 - 145
Benzo(b)fluoranthene	16.0	12.8		ug/L		80	54 - 140
Benzo(g,h,i)perylene	16.0	12.5		ug/L		78	66 - 152
Benzo(k)fluoranthene	16.0	13.2		ug/L		83	51 - 153
Biphenyl	16.0	12.9		ug/L		81	30 - 140
bis (2-chloroisopropyl) ether	16.0	10.6		ug/L		66	28 - 136
Bis(2-chloroethoxy)methane	16.0	11.7		ug/L		73	50 - 128
Bis(2-chloroethyl)ether	16.0	11.3		ug/L		71	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	15.5		ug/L		97	53 - 158
Butyl benzyl phthalate	16.0	13.7		ug/L		85	58 - 163
Caprolactam	32.0	9.41		ug/L		29	14 - 56
Carbazole	16.0	18.6		ug/L		116	59 - 148
Chrysene	16.0	13.3		ug/L		83	69 - 140
Dibenz(a,h)anthracene	16.0	13.0		ug/L		81	57 - 148
Dibenzofuran	16.0	12.2		ug/L		76	49 - 137
Diethyl phthalate	16.0	13.0		ug/L		81	59 - 146
Dimethyl phthalate	16.0	12.6		ug/L		78	59 - 141
Di-n-butyl phthalate	16.0	13.4		ug/L		84	58 - 149
Di-n-octyl phthalate	16.0	15.0		ug/L		94	55 - 167
Fluoranthene	16.0	12.7		ug/L		79	55 - 147
Fluorene	16.0	12.4		ug/L		77	55 - 143
Hexachlorobenzene	16.0	12.6		ug/L		79	14 - 108
Hexachlorobutadiene	16.0	11.4		ug/L		71	14 - 108
Hexachlorocyclopentadiene	16.0	8.77		ug/L		55	13 - 119
Hexachloroethane	16.0	10.4		ug/L		65	14 - 101
Indeno(1,2,3-cd)pyrene	16.0	12.9		ug/L		81	69 - 146
Isophorone	16.0	11.4		ug/L		72	48 - 133
Naphthalene	16.0	12.0		ug/L		75	35 - 117
Nitrobenzene	16.0	13.1		ug/L		82	45 - 123
N-Nitrosodi-n-propylamine	16.0	11.7		ug/L		73	56 - 120
N-Nitrosodiphenylamine	32.0	25.1		ug/L		78	25 - 125
Pentachlorophenol	32.0	24.6		ug/L		77	39 - 136
Phenanthrene	16.0	12.3		ug/L		77	57 - 147
Phenol	16.0	9.61		ug/L		60	17 - 120

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

Lab Sample ID: LCS 480-212797/2-A
Matrix: Water
Analysis Batch: 216155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	16.0	13.4		ug/L		84	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*84*		*52 - 132*
2-Fluorobiphenyl	*76*		*48 - 120*
2-Fluorophenol	*88*		*20 - 120*
Nitrobenzene-d5	*86*		*46 - 120*
Phenol-d5	*61*		*16 - 120*
p-Terphenyl-d14	*84*		*67 - 150*

Lab Sample ID: 480-70898-1 MS
Matrix: Ground Water
Analysis Batch: 216155

Client Sample ID: BCC Area A DMH-A3MS_1114
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.6	16.8		ug/L		108	65 - 126
2,4,6-Trichlorophenol	ND		15.6	15.8		ug/L		101	64 - 120
2,4-Dichlorophenol	ND		15.6	14.0		ug/L		90	64 - 120
2,4-Dimethylphenol	ND		15.6	14.0		ug/L		90	57 - 120
2,4-Dinitrophenol	ND		31.2	30.1		ug/L		97	42 - 153
2,4-Dinitrotoluene	ND		15.6	15.1		ug/L		97	62 - 148
2,6-Dinitrotoluene	ND		15.6	15.6		ug/L		100	65 - 154
2-Chloronaphthalene	ND		15.6	14.0		ug/L		90	41 - 124
2-Chlorophenol	ND		15.6	13.8		ug/L		89	48 - 120
2-Methylnaphthalene	ND		15.6	12.8		ug/L		82	34 - 122
2-Methylphenol	ND		15.6	13.2		ug/L		85	39 - 120
2-Nitroaniline	ND		15.6	13.7		ug/L		88	67 - 136
2-Nitrophenol	ND		15.6	14.3		ug/L		92	59 - 120
3,3'-Dichlorobenzidine	ND		31.2	24.6		ug/L		79	33 - 140
3-Nitroaniline	ND		15.6	12.5		ug/L		80	69 - 129
4,6-Dinitro-2-methylphenol	ND		31.2	30.0		ug/L		96	64 - 159
4-Bromophenyl phenyl ether	ND		15.6	14.5		ug/L		93	71 - 126
4-Chloro-3-methylphenol	ND		15.6	13.7		ug/L		88	64 - 120
4-Chloroaniline	ND		15.6	6.60	F1	ug/L		42	60 - 124
4-Chlorophenyl phenyl ether	ND		15.6	13.9		ug/L		89	48 - 145
4-Methylphenol	ND		15.6	12.6		ug/L		81	36 - 120
4-Nitroaniline	ND		15.6	16.2		ug/L		104	64 - 135
4-Nitrophenol	ND		31.2	20.0		ug/L		64	16 - 120
Acenaphthene	ND		15.6	13.3		ug/L		85	60 - 120
Acenaphthylene	ND		15.6	14.0		ug/L		90	63 - 120
Acetophenone	ND		15.6	12.9		ug/L		83	45 - 120
Aniline	ND		15.6	10.4		ug/L		67	37 - 120
Anthracene	ND		15.6	14.1		ug/L		90	58 - 148
Atrazine	ND		31.2	30.6		ug/L		98	56 - 179
Benzaldehyde	1.1	J B	31.2	46.3	F1	ug/L		145	30 - 140
Benzo(a)anthracene	ND		15.6	13.8		ug/L		88	55 - 151
Benzo(a)pyrene	ND		15.6	12.6		ug/L		81	60 - 145
Benzo(b)fluoranthene	ND		15.6	13.1		ug/L		84	54 - 140

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

Lab Sample ID: 480-70898-1 MS
Matrix: Ground Water
Analysis Batch: 216155

Client Sample ID: BCC Area A DMH-A3MS_1114
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo(g,h,i)perylene	ND		15.6	8.54	F1	ug/L		55	66 - 152
Benzo(k)fluoranthene	ND		15.6	12.3		ug/L		79	51 - 153
Biphenyl	ND		15.6	13.9		ug/L		89	30 - 140
bis (2-chloroisopropyl) ether	ND		15.6	11.0		ug/L		70	28 - 136
Bis(2-chloroethoxy)methane	ND		15.6	12.4		ug/L		80	50 - 128
Bis(2-chloroethyl)ether	ND		15.6	11.3		ug/L		72	51 - 120
Bis(2-ethylhexyl) phthalate	ND		15.6	11.6		ug/L		74	53 - 158
Butyl benzyl phthalate	ND		15.6	14.4		ug/L		92	58 - 163
Caprolactam	ND		31.2	9.54		ug/L		31	30 - 140
Carbazole	ND		15.6	21.2		ug/L		136	59 - 148
Chrysene	ND		15.6	13.5		ug/L		87	69 - 140
Dibenz(a,h)anthracene	ND		15.6	8.74	F1	ug/L		56	57 - 158
Dibenzofuran	ND		15.6	13.5		ug/L		87	49 - 137
Diethyl phthalate	ND		15.6	14.3		ug/L		92	59 - 146
Dimethyl phthalate	ND		15.6	14.0		ug/L		90	59 - 141
Di-n-butyl phthalate	ND		15.6	15.1		ug/L		97	58 - 149
Di-n-octyl phthalate	ND		15.6	10.7		ug/L		69	55 - 167
Fluoranthene	ND		15.6	14.2		ug/L		91	55 - 147
Fluorene	ND		15.6	13.8		ug/L		88	55 - 143
Hexachlorobenzene	ND		15.6	14.6		ug/L		94	38 - 131
Hexachlorobutadiene	ND		15.6	12.6		ug/L		81	14 - 108
Hexachlorocyclopentadiene	ND		15.6	8.90		ug/L		57	13 - 119
Hexachloroethane	ND		15.6	11.3		ug/L		73	14 - 101
Indeno(1,2,3-cd)pyrene	ND		15.6	9.17	F1	ug/L		59	69 - 146
Isophorone	ND		15.6	12.2		ug/L		78	48 - 133
Naphthalene	ND		15.6	12.8		ug/L		82	35 - 117
Nitrobenzene	ND		15.6	13.9		ug/L		89	45 - 123
N-Nitrosodi-n-propylamine	ND		15.6	12.3		ug/L		79	56 - 120
N-Nitrosodiphenylamine	ND		31.2	28.9		ug/L		93	25 - 125
Pentachlorophenol	ND		31.2	30.5		ug/L		98	39 - 136
Phenanthrene	ND		15.6	14.4		ug/L		92	57 - 147
Phenol	ND		15.6	9.63		ug/L		62	17 - 120
Pyrene	ND		15.6	14.7		ug/L		94	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*101*		*52 - 132*
2-Fluorobiphenyl	*85*		*48 - 120*
2-Fluorophenol	*88*		*20 - 120*
Nitrobenzene-d5	*93*		*46 - 120*
Phenol-d5	*60*		*16 - 120*
p-Terphenyl-d14	*83*		*67 - 150*

Lab Sample ID: 480-70898-1 MSD
Matrix: Ground Water
Analysis Batch: 216155

Client Sample ID: BCC Area A DMH-A3MSD_1114
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		15.2	16.2		ug/L		106	65 - 126	4	18

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

Lab Sample ID: 480-70898-1 MSD
Matrix: Ground Water
Analysis Batch: 216155

Client Sample ID: BCC Area A DMH-A3MSD_1114
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,6-Trichlorophenol	ND		15.2	16.0		ug/L		105	64 - 120	1	19
2,4-Dichlorophenol	ND		15.2	14.1		ug/L		92	64 - 120	1	19
2,4-Dimethylphenol	ND		15.2	13.6		ug/L		89	57 - 120	3	42
2,4-Dinitrophenol	ND		30.5	30.1		ug/L		99	42 - 153	0	22
2,4-Dinitrotoluene	ND		15.2	15.2		ug/L		100	62 - 148	1	20
2,6-Dinitrotoluene	ND		15.2	15.8		ug/L		103	65 - 154	1	15
2-Chloronaphthalene	ND		15.2	13.7		ug/L		90	41 - 124	2	21
2-Chlorophenol	ND		15.2	14.0		ug/L		92	48 - 120	2	25
2-Methylnaphthalene	ND		15.2	12.6		ug/L		82	34 - 122	2	21
2-Methylphenol	ND		15.2	14.3		ug/L		94	39 - 120	8	27
2-Nitroaniline	ND		15.2	13.4		ug/L		88	67 - 136	2	15
2-Nitrophenol	ND		15.2	14.2		ug/L		93	59 - 120	0	18
3,3'-Dichlorobenzidine	ND		30.5	23.5		ug/L		77	33 - 140	4	25
3-Nitroaniline	ND		15.2	13.4		ug/L		88	69 - 129	7	19
4,6-Dinitro-2-methylphenol	ND		30.5	29.0		ug/L		95	64 - 159	3	15
4-Bromophenyl phenyl ether	ND		15.2	14.0		ug/L		92	71 - 126	3	15
4-Chloro-3-methylphenol	ND		15.2	13.8		ug/L		90	64 - 120	1	27
4-Chloroaniline	ND		15.2	6.30	F1	ug/L		41	60 - 124	5	22
4-Chlorophenyl phenyl ether	ND		15.2	13.6		ug/L		89	48 - 145	3	16
4-Methylphenol	ND		15.2	12.8		ug/L		84	36 - 120	1	24
4-Nitroaniline	ND		15.2	14.6		ug/L		96	64 - 135	10	24
4-Nitrophenol	ND		30.5	19.5		ug/L		64	16 - 120	2	48
Acenaphthene	ND		15.2	13.4		ug/L		88	60 - 120	1	24
Acenaphthylene	ND		15.2	13.8		ug/L		90	63 - 120	2	18
Acetophenone	ND		15.2	13.1		ug/L		86	45 - 120	1	20
Aniline	ND		15.2	9.78		ug/L		64	37 - 120	6	30
Anthracene	ND		15.2	14.2		ug/L		93	58 - 148	1	15
Atrazine	ND		30.5	31.3		ug/L		102	56 - 179	2	20
Benzaldehyde	1.1	J B	30.5	48.2	E F1	ug/L		154	30 - 140	4	20
Benzo(a)anthracene	ND		15.2	14.1		ug/L		92	55 - 151	2	15
Benzo(a)pyrene	ND		15.2	12.6		ug/L		83	60 - 145	0	15
Benzo(b)fluoranthene	ND		15.2	12.9		ug/L		85	54 - 140	1	15
Benzo(g,h,i)perylene	ND		15.2	8.20	F1	ug/L		54	66 - 152	4	15
Benzo(k)fluoranthene	ND		15.2	12.8		ug/L		84	51 - 153	4	22
Biphenyl	ND		15.2	13.7		ug/L		90	30 - 140	1	20
bis (2-chloroisopropyl) ether	ND		15.2	10.9		ug/L		72	28 - 136	0	24
Bis(2-chloroethoxy)methane	ND		15.2	12.2		ug/L		80	50 - 128	2	17
Bis(2-chloroethyl)ether	ND		15.2	11.7		ug/L		77	51 - 120	4	21
Bis(2-ethylhexyl) phthalate	ND		15.2	12.0		ug/L		79	53 - 158	4	15
Butyl benzyl phthalate	ND		15.2	14.6		ug/L		96	58 - 163	2	16
Caprolactam	ND		30.5	9.39		ug/L		31	30 - 140	2	20
Carbazole	ND		15.2	21.4		ug/L		140	59 - 148	1	20
Chrysene	ND		15.2	13.7		ug/L		90	69 - 140	1	15
Dibenz(a,h)anthracene	ND		15.2	8.58	F1	ug/L		56	57 - 158	2	15
Dibenzofuran	ND		15.2	13.0		ug/L		85	49 - 137	4	15
Diethyl phthalate	ND		15.2	14.1		ug/L		93	59 - 146	2	15
Dimethyl phthalate	ND		15.2	13.8		ug/L		91	59 - 141	1	15
Di-n-butyl phthalate	ND		15.2	15.2		ug/L		100	58 - 149	1	15

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

Lab Sample ID: 480-70898-1 MSD
Matrix: Ground Water
Analysis Batch: 216155

Client Sample ID: BCC Area A DMH-A3MSD_1114
Prep Type: Total/NA
Prep Batch: 212797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-octyl phthalate	ND		15.2	11.4		ug/L		75	55 - 167	7	16
Fluoranthene	ND		15.2	14.3		ug/L		94	55 - 147	1	15
Fluorene	ND		15.2	13.5		ug/L		88	55 - 143	2	15
Hexachlorobenzene	ND		15.2	14.5		ug/L		95	38 - 131	1	15
Hexachlorobutadiene	ND		15.2	11.9		ug/L		78	14 - 108	6	44
Hexachlorocyclopentadiene	ND		15.2	9.25		ug/L		61	13 - 119	4	49
Hexachloroethane	ND		15.2	11.0		ug/L		72	14 - 101	3	46
Indeno(1,2,3-cd)pyrene	ND		15.2	9.05	F1	ug/L		59	69 - 146	1	15
Isophorone	ND		15.2	12.0		ug/L		79	48 - 133	2	17
Naphthalene	ND		15.2	12.5		ug/L		82	35 - 117	2	29
Nitrobenzene	ND		15.2	13.7		ug/L		90	45 - 123	2	24
N-Nitrosodi-n-propylamine	ND		15.2	12.6		ug/L		83	56 - 120	2	31
N-Nitrosodiphenylamine	ND		30.5	28.1		ug/L		92	25 - 125	3	15
Pentachlorophenol	ND		30.5	30.9		ug/L		101	39 - 136	1	37
Phenanthrene	ND		15.2	14.3		ug/L		94	57 - 147	1	15
Phenol	ND		15.2	9.51		ug/L		62	17 - 120	1	34
Pyrene	ND		15.2	14.5		ug/L		95	58 - 136	1	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*101*		*52 - 132*
2-Fluorobiphenyl	*85*		*48 - 120*
2-Fluorophenol	*90*		*20 - 120*
Nitrobenzene-d5	*94*		*46 - 120*
Phenol-d5	*62*		*16 - 120*
p-Terphenyl-d14	*84*		*67 - 150*

GC/MS VOA

Analysis Batch: 214353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70898-1	BCC Area A DMH-A3_1114	Total/NA	Ground Water	8260C	
480-70898-1 MS	BCC Area A DMH-A3MS_1114	Total/NA	Ground Water	8260C	
480-70898-1 MSD	BCC Area A DMH-A3MSD_1114	Total/NA	Ground Water	8260C	
480-70898-2	BCC Area A DMH-A3 D_1114	Total/NA	Ground Water	8260C	
480-70898-3	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-214353/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-214353/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 212797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70898-1	BCC Area A DMH-A3_1114	Total/NA	Ground Water	3510C	
480-70898-1 MS	BCC Area A DMH-A3MS_1114	Total/NA	Ground Water	3510C	
480-70898-1 MSD	BCC Area A DMH-A3MSD_1114	Total/NA	Ground Water	3510C	
480-70898-2	BCC Area A DMH-A3 D_1114	Total/NA	Ground Water	3510C	
LCS 480-212797/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-212797/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 216155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70898-1 MS	BCC Area A DMH-A3MS_1114	Total/NA	Ground Water	8270D	212797
480-70898-1 MSD	BCC Area A DMH-A3MSD_1114	Total/NA	Ground Water	8270D	212797
LCS 480-212797/2-A	Lab Control Sample	Total/NA	Water	8270D	212797
MB 480-212797/1-A	Method Blank	Total/NA	Water	8270D	212797

Analysis Batch: 216346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70898-1	BCC Area A DMH-A3_1114	Total/NA	Ground Water	8270D	212797
480-70898-2	BCC Area A DMH-A3 D_1114	Total/NA	Ground Water	8270D	212797

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Client Sample ID: BCC Area A DMH-A3_1114

Lab Sample ID: 480-70898-1

Date Collected: 11/06/14 12:00

Matrix: Ground Water

Date Received: 11/06/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214353	11/17/14 02:53	EDB	TAL BUF
Total/NA	Prep	3510C			212797	11/07/14 14:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	216346	11/28/14 20:32	PJQ	TAL BUF

Client Sample ID: BCC Area A DMH-A3 D_1114

Lab Sample ID: 480-70898-2

Date Collected: 11/06/14 12:30

Matrix: Ground Water

Date Received: 11/06/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214353	11/17/14 03:16	EDB	TAL BUF
Total/NA	Prep	3510C			212797	11/07/14 14:05	CPH	TAL BUF
Total/NA	Analysis	8270D		1	216346	11/28/14 20:58	PJQ	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-70898-3

Date Collected: 11/06/14 00:00

Matrix: Water

Date Received: 11/06/14 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214353	11/17/14 03:39	EDB	TAL BUF

Laboratory References:

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

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area A Storm Sewer

TestAmerica Job ID: 480-70898-1

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: 480-70898-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-70898-1	BCC Area A DMH-A3_1114	Ground Water	11/06/14 12:00	11/06/14 16:00
480-70898-2	BCC Area A DMH-A3 D_1114	Ground Water	11/06/14 12:30	11/06/14 16:00
480-70898-3	TRIP BLANK	Water	11/06/14 00:00	11/06/14 16:00

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody

480-70898 Chain of Custody

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TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 11-6-14	COC No: 124531-1114
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area A Storm Sewer	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area A_DMH-A3_1114	11/6/14	1200	G	W	5	N	3	2	
BCC_Area A_DMH-A3D_1114	11/6/14	1230	G	W	5	N	3	2	
BCC_Area A_DMH-A3MS_1114	11/6/14	1300	G	W	5	N	3	2	
BCC_Area A_DMH-A3MSD_1114	11/6/14	1330	G	W	5	N	3	2	
Trip Blank		N/A	N/A	N/A	3		2		
Container Volume (ml)							40	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	1-A	

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

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

Special Instructions/QC Requirements & Comments:

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	11/6/14 1600		TA BUFF	11/6/14 1600
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 2.3

12/7/2014

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-70898-1

Login Number: 70898

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

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

ATTACHMENT H-3

AREA B MONITORING WELLS

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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: 480-56840-1
Client Project/Site: Buffalo Color Area B Wells
Sampling Event: 37745-Buffalo Color Area A

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

Attn: Andrew Madden

Authorized for release by:
4/7/2014 4:19:50 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits

Metals

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

Glossary

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

Job ID: 480-56840-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-56840-1

Comments
No additional comments.

Receipt
The samples were received on 3/28/2014 12:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3º C.

GC/MS VOA
Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 173758 recovered outside control limits for the following analytes: 2-Hexanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-28 0314 (480-56840-5), BCC Area B RFI-28 MS 0314 (480-56840-5 MS), BCC Area B RFI-28 MSD 0314 (480-56840-5 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27 0314 (480-56840-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: BCC Area B RFI-28 MS 0314 (480-56840-5 MS), BCC Area B RFI-28 MSD 0314 (480-56840-5 MSD). These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 173429 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-173429/4), (CCVIS 480-173429/3).

Method(s) 8270D: The laboratory control sample (LCS) for batch 173059 recovered outside control limits for mutliple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 173059 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270D: The matrix spike duplicate (MSD) precision for batch 173059 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method(s) 8270D: The method blank for batch 173059 contained Di-n-butyl phthalate and Butyl benzyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Metals
Method(s) 6010C: The Low Level Continuing Calibration Verification (CCVL 480-173348/44) contained total iron above the reporting limit (RL). The reported sample BCC Area B RFI-28 MSD 0314 (480-56840-5 MSD) associated with this CCVL was either below the laboratory's standard reporting limit for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

Job ID: 480-56840-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010C: The Method Blank for batch 480-173348/1 contained total potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples BCC Area B RFI-18 0314 (480-56840-1), BCC Area B RFI-27 0314 (480-56840-2), BCC Area B RFI-28 0314 (480-56840-5), BCC Area B RFI-28D 0314 (480-56840-3), BCC Area B RFI-30 0314 (480-56840-4) was not performed.

Method(s) 6010C: The following sample was diluted to bring the concentration of target analyte total calcium within the linear range: BCC Area B RFI-18 0314 (480-56840-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Organic Prep

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

Detection Summary

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-18 0314 — Lab Sample ID: 480-56840-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	0.70	J	9.1	0.55	ug/L	1		8270D	Total/NA
Arsenic	0.014	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.065		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00065	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	1060		2.5	0.50	mg/L	5		6010C	Total/NA
Chromium	0.016		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.014		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0026	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	22.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	339		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.8		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.029		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	1200		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0020	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-27 0314 — Lab Sample ID: 480-56840-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.4		1.0	0.79	ug/L	1		8260C	Total/NA
Benzene	0.50	J	1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	3.8		1.0	0.75	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.5		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	64		1.0	0.46	ug/L	1		8260C	Total/NA
Tetrachloroethene - DL	870		10	3.6	ug/L	10		8260C	Total/NA
Barium	0.030		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	208		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.16		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0097		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0078	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	93.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.53		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.60		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	292		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0019	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28D 0314 — Lab Sample ID: 480-56840-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.58	J	1.0	0.36	ug/L	1		8260C	Total/NA
4-Chloroaniline	2.5	J	4.7	0.55	ug/L	1		8270D	Total/NA
Aniline	3.5	J	9.3	0.57	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.30	J B	4.7	0.29	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	2.4	J	4.7	0.48	ug/L	1		8270D	Total/NA
Arsenic	0.037		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.015		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	251		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area B RFI-28D 0314 (Continued) — Lab Sample ID: 480-56840-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.0056		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0016	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.12		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	21.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.8	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	359		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.014		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0021	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30 0314 — Lab Sample ID: 480-56840-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.96	J	1.0	0.36	ug/L	1		8260C	Total/NA
Aluminum	0.063	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.030		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	273		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.50		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0021	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.026		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	7.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	119		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.33		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.48		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.9	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	349		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0022	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28 0314 — Lab Sample ID: 480-56840-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Chloroaniline	2.4	J	4.7	0.55	ug/L	1		8270D	Total/NA
Aniline	2.6	J	9.4	0.57	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.39	J B	4.7	0.39	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	2.3	J	4.7	0.48	ug/L	1		8270D	Total/NA
Arsenic	0.040		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.015		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	250		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0055		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0021	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.13		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	21.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0019	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	360		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.015		0.0050	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: TRIP BLANK **Lab Sample ID: 480-56840-6**

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-18 0314
Date Collected: 03/27/14 20:50
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 08:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 08:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 08:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 08:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 08:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 08:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 08:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 08:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 08:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 08:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 08:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 08:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 08:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 08:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 08:40	1
2-Hexanone	ND	*	5.0	1.2	ug/L			04/04/14 08:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 08:40	1
Acetone	ND		10	3.0	ug/L			04/04/14 08:40	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 08:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 08:40	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 08:40	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 08:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 08:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 08:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 08:40	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 08:40	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 08:40	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 08:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 08:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 08:40	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 08:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 08:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 08:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 08:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 08:40	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 08:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 08:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 08:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 08:40	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 08:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 08:40	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 08:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 08:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 08:40	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 08:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 08:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 08:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 08:40	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-18 0314
Date Collected: 03/27/14 20:50
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*04/04/14 08:40*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*04/04/14 08:40*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*04/04/14 08:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.5	0.44	ug/L		04/01/14 07:37	04/02/14 19:17	1
2,4,6-Trichlorophenol	ND		4.5	0.55	ug/L		04/01/14 07:37	04/02/14 19:17	1
2,4-Dichlorophenol	ND		4.5	0.46	ug/L		04/01/14 07:37	04/02/14 19:17	1
2,4-Dimethylphenol	ND		4.5	0.45	ug/L		04/01/14 07:37	04/02/14 19:17	1
2,4-Dinitrophenol	ND		9.1	2.0	ug/L		04/01/14 07:37	04/02/14 19:17	1
2,4-Dinitrotoluene	ND		4.5	0.41	ug/L		04/01/14 07:37	04/02/14 19:17	1
2,6-Dinitrotoluene	ND		4.5	0.36	ug/L		04/01/14 07:37	04/02/14 19:17	1
2-Chloronaphthalene	ND		4.5	0.42	ug/L		04/01/14 07:37	04/02/14 19:17	1
2-Chlorophenol	ND		4.5	0.48	ug/L		04/01/14 07:37	04/02/14 19:17	1
2-Methylnaphthalene	ND	*	4.5	0.54	ug/L		04/01/14 07:37	04/02/14 19:17	1
2-Methylphenol	ND		4.5	0.36	ug/L		04/01/14 07:37	04/02/14 19:17	1
2-Nitroaniline	ND		9.1	0.38	ug/L		04/01/14 07:37	04/02/14 19:17	1
2-Nitrophenol	ND		4.5	0.44	ug/L		04/01/14 07:37	04/02/14 19:17	1
3,3'-Dichlorobenzidine	ND		4.5	0.36	ug/L		04/01/14 07:37	04/02/14 19:17	1
3-Nitroaniline	ND		9.1	0.44	ug/L		04/01/14 07:37	04/02/14 19:17	1
4,6-Dinitro-2-methylphenol	ND		9.1	2.0	ug/L		04/01/14 07:37	04/02/14 19:17	1
4-Bromophenyl phenyl ether	ND		4.5	0.41	ug/L		04/01/14 07:37	04/02/14 19:17	1
4-Chloro-3-methylphenol	ND		4.5	0.41	ug/L		04/01/14 07:37	04/02/14 19:17	1
4-Chloroaniline	ND		4.5	0.54	ug/L		04/01/14 07:37	04/02/14 19:17	1
4-Chlorophenyl phenyl ether	ND		4.5	0.32	ug/L		04/01/14 07:37	04/02/14 19:17	1
4-Methylphenol	ND		9.1	0.33	ug/L		04/01/14 07:37	04/02/14 19:17	1
4-Nitroaniline	ND		9.1	0.23	ug/L		04/01/14 07:37	04/02/14 19:17	1
4-Nitrophenol	ND		9.1	1.4	ug/L		04/01/14 07:37	04/02/14 19:17	1
Acenaphthene	ND		4.5	0.37	ug/L		04/01/14 07:37	04/02/14 19:17	1
Acenaphthylene	ND		4.5	0.34	ug/L		04/01/14 07:37	04/02/14 19:17	1
Acetophenone	ND		4.5	0.49	ug/L		04/01/14 07:37	04/02/14 19:17	1
Aniline	**0.70**	**J**	9.1	0.55	ug/L		04/01/14 07:37	04/02/14 19:17	1
Anthracene	ND		4.5	0.25	ug/L		04/01/14 07:37	04/02/14 19:17	1
Atrazine	ND		4.5	0.42	ug/L		04/01/14 07:37	04/02/14 19:17	1
Benzaldehyde	ND		4.5	0.24	ug/L		04/01/14 07:37	04/02/14 19:17	1
Benzo(a)anthracene	ND		4.5	0.33	ug/L		04/01/14 07:37	04/02/14 19:17	1
Benzo(a)pyrene	ND		4.5	0.43	ug/L		04/01/14 07:37	04/02/14 19:17	1
Benzo(b)fluoranthene	ND		4.5	0.31	ug/L		04/01/14 07:37	04/02/14 19:17	1
Benzo(g,h,i)perylene	ND		4.5	0.32	ug/L		04/01/14 07:37	04/02/14 19:17	1
Benzo(k)fluoranthene	ND		4.5	0.66	ug/L		04/01/14 07:37	04/02/14 19:17	1
Biphenyl	ND		4.5	0.59	ug/L		04/01/14 07:37	04/02/14 19:17	1
bis (2-chloroisopropyl) ether	ND		4.5	0.47	ug/L		04/01/14 07:37	04/02/14 19:17	1
Bis(2-chloroethoxy)methane	ND		4.5	0.32	ug/L		04/01/14 07:37	04/02/14 19:17	1
Bis(2-chloroethyl)ether	ND		4.5	0.36	ug/L		04/01/14 07:37	04/02/14 19:17	1
Bis(2-ethylhexyl) phthalate	ND		4.5	1.6	ug/L		04/01/14 07:37	04/02/14 19:17	1
Butyl benzyl phthalate	ND		4.5	0.38	ug/L		04/01/14 07:37	04/02/14 19:17	1
Caprolactam	ND		4.5	2.0	ug/L		04/01/14 07:37	04/02/14 19:17	1
Carbazole	ND		4.5	0.27	ug/L		04/01/14 07:37	04/02/14 19:17	1
Chrysene	ND		4.5	0.30	ug/L		04/01/14 07:37	04/02/14 19:17	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-18 0314
Date Collected: 03/27/14 20:50
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.5	0.38	ug/L		04/01/14 07:37	04/02/14 19:17	1
Dibenzofuran	ND		9.1	0.46	ug/L		04/01/14 07:37	04/02/14 19:17	1
Diethyl phthalate	ND		4.5	0.20	ug/L		04/01/14 07:37	04/02/14 19:17	1
Dimethyl phthalate	ND		4.5	0.33	ug/L		04/01/14 07:37	04/02/14 19:17	1
Di-n-butyl phthalate	ND		4.5	0.28	ug/L		04/01/14 07:37	04/02/14 19:17	1
Di-n-octyl phthalate	ND		4.5	0.43	ug/L		04/01/14 07:37	04/02/14 19:17	1
Fluoranthene	ND		4.5	0.36	ug/L		04/01/14 07:37	04/02/14 19:17	1
Fluorene	ND		4.5	0.33	ug/L		04/01/14 07:37	04/02/14 19:17	1
Hexachlorobenzene	ND	*	4.5	0.46	ug/L		04/01/14 07:37	04/02/14 19:17	1
Hexachlorobutadiene	ND		4.5	0.62	ug/L		04/01/14 07:37	04/02/14 19:17	1
Hexachlorocyclopentadiene	ND		4.5	0.54	ug/L		04/01/14 07:37	04/02/14 19:17	1
Hexachloroethane	ND		4.5	0.54	ug/L		04/01/14 07:37	04/02/14 19:17	1
Indeno(1,2,3-cd)pyrene	ND		4.5	0.43	ug/L		04/01/14 07:37	04/02/14 19:17	1
Isophorone	ND		4.5	0.39	ug/L		04/01/14 07:37	04/02/14 19:17	1
Naphthalene	ND		4.5	0.69	ug/L		04/01/14 07:37	04/02/14 19:17	1
Nitrobenzene	ND	*	4.5	0.26	ug/L		04/01/14 07:37	04/02/14 19:17	1
N-Nitrosodi-n-propylamine	ND		4.5	0.49	ug/L		04/01/14 07:37	04/02/14 19:17	1
N-Nitrosodiphenylamine	ND		4.5	0.46	ug/L		04/01/14 07:37	04/02/14 19:17	1
Pentachlorophenol	ND		9.1	2.0	ug/L		04/01/14 07:37	04/02/14 19:17	1
Phenanthrene	ND		4.5	0.40	ug/L		04/01/14 07:37	04/02/14 19:17	1
Phenol	ND		4.5	0.35	ug/L		04/01/14 07:37	04/02/14 19:17	1
Pyrene	ND		4.5	0.31	ug/L		04/01/14 07:37	04/02/14 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*52 - 132*	*04/01/14 07:37*	*04/02/14 19:17*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*04/01/14 07:37*	*04/02/14 19:17*	*1*
2-Fluorophenol	*48*		*20 - 120*	*04/01/14 07:37*	*04/02/14 19:17*	*1*
Nitrobenzene-d5	*81*		*46 - 120*	*04/01/14 07:37*	*04/02/14 19:17*	*1*
Phenol-d5	*32*		*16 - 120*	*04/01/14 07:37*	*04/02/14 19:17*	*1*
p-Terphenyl-d14	*74*		*67 - 150*	*04/01/14 07:37*	*04/02/14 19:17*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:31	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:31	1
Arsenic	**0.014**	**J**	0.015	0.0056	mg/L		03/31/14 09:45	04/01/14 23:31	1
Barium	**0.065**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:31	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:31	1
Cadmium	**0.00065**	**J**	0.0020	0.00050	mg/L		03/31/14 09:45	04/01/14 23:31	1
Calcium	**1060**		2.5	0.50	mg/L		03/31/14 09:45	04/03/14 14:04	5
Chromium	**0.016**		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:31	1
Cobalt	**0.014**		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:31	1
Copper	**0.0026**	**J**	0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:31	1
Iron	**22.0**		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:31	1
Lead	ND		0.010	0.0030	mg/L		03/31/14 09:45	04/01/14 23:31	1
Magnesium	**339**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:31	1
Manganese	**4.8**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:31	1
Nickel	**0.029**		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:31	1
Potassium	**2.4**	**B**	0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:31	1
Selenium	ND		0.025	0.0087	mg/L		03/31/14 09:45	04/01/14 23:31	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-18 0314
Date Collected: 03/27/14 20:50
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		03/31/14 09:45	04/01/14 23:31	1
Sodium	**1200**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:31	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:31	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:31	1
Zinc	**0.0020**	**J**	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:41	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-27 0314
Date Collected: 03/27/14 17:12
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 09:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 09:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 09:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 09:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 09:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 09:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 09:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 09:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 09:05	1
1,2-Dichlorobenzene	**1.4**		1.0	0.79	ug/L			04/04/14 09:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 09:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 09:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 09:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 09:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 09:05	1
2-Hexanone	ND	*	5.0	1.2	ug/L			04/04/14 09:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 09:05	1
Acetone	ND		10	3.0	ug/L			04/04/14 09:05	1
Benzene	**0.50**	**J**	1.0	0.41	ug/L			04/04/14 09:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 09:05	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 09:05	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 09:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 09:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 09:05	1
Chlorobenzene	**3.8**		1.0	0.75	ug/L			04/04/14 09:05	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 09:05	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 09:05	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 09:05	1
cis-1,2-Dichloroethene	**1.6**		1.0	0.81	ug/L			04/04/14 09:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 09:05	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 09:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 09:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 09:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 09:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 09:05	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 09:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 09:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 09:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 09:05	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 09:05	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 09:05	1
trans-1,2-Dichloroethene	**1.5**		1.0	0.90	ug/L			04/04/14 09:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 09:05	1
Trichloroethene	**64**		1.0	0.46	ug/L			04/04/14 09:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 09:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 09:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 09:05	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-27 0314
Date Collected: 03/27/14 17:12
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-2
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*04/04/14 09:05*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*04/04/14 09:05*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*04/04/14 09:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	870		10	3.6	ug/L			04/07/14 05:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*04/07/14 05:41*	*10*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/07/14 05:41*	*10*
Toluene-d8 (Surr)	*107*		*71 - 126*		*04/07/14 05:41*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		04/01/14 07:37	04/02/14 19:41	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		04/01/14 07:37	04/02/14 19:41	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		04/01/14 07:37	04/02/14 19:41	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		04/01/14 07:37	04/02/14 19:41	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		04/01/14 07:37	04/02/14 19:41	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 19:41	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 19:41	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		04/01/14 07:37	04/02/14 19:41	1
2-Chlorophenol	ND		4.7	0.49	ug/L		04/01/14 07:37	04/02/14 19:41	1
2-Methylnaphthalene	ND	*	4.7	0.56	ug/L		04/01/14 07:37	04/02/14 19:41	1
2-Methylphenol	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 19:41	1
2-Nitroaniline	ND		9.3	0.39	ug/L		04/01/14 07:37	04/02/14 19:41	1
2-Nitrophenol	ND		4.7	0.45	ug/L		04/01/14 07:37	04/02/14 19:41	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 19:41	1
3-Nitroaniline	ND		9.3	0.45	ug/L		04/01/14 07:37	04/02/14 19:41	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		04/01/14 07:37	04/02/14 19:41	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 19:41	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 19:41	1
4-Chloroaniline	ND		4.7	0.55	ug/L		04/01/14 07:37	04/02/14 19:41	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 19:41	1
4-Methylphenol	ND		9.3	0.33	ug/L		04/01/14 07:37	04/02/14 19:41	1
4-Nitroaniline	ND		9.3	0.23	ug/L		04/01/14 07:37	04/02/14 19:41	1
4-Nitrophenol	ND		9.3	1.4	ug/L		04/01/14 07:37	04/02/14 19:41	1
Acenaphthene	ND		4.7	0.38	ug/L		04/01/14 07:37	04/02/14 19:41	1
Acenaphthylene	ND		4.7	0.35	ug/L		04/01/14 07:37	04/02/14 19:41	1
Acetophenone	ND		4.7	0.50	ug/L		04/01/14 07:37	04/02/14 19:41	1
Aniline	ND		9.3	0.57	ug/L		04/01/14 07:37	04/02/14 19:41	1
Anthracene	ND		4.7	0.26	ug/L		04/01/14 07:37	04/02/14 19:41	1
Atrazine	ND		4.7	0.43	ug/L		04/01/14 07:37	04/02/14 19:41	1
Benzaldehyde	ND		4.7	0.25	ug/L		04/01/14 07:37	04/02/14 19:41	1
Benzo(a)anthracene	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 19:41	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 19:41	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		04/01/14 07:37	04/02/14 19:41	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 19:41	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		04/01/14 07:37	04/02/14 19:41	1
Biphenyl	ND		4.7	0.61	ug/L		04/01/14 07:37	04/02/14 19:41	1

Client Sample ID: BCC Area B RFI-27 0314
Date Collected: 03/27/14 17:12
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		04/01/14 07:37	04/02/14 19:41	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 19:41	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 19:41	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		04/01/14 07:37	04/02/14 19:41	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		04/01/14 07:37	04/02/14 19:41	1
Caprolactam	ND		4.7	2.0	ug/L		04/01/14 07:37	04/02/14 19:41	1
Carbazole	ND		4.7	0.28	ug/L		04/01/14 07:37	04/02/14 19:41	1
Chrysene	ND		4.7	0.31	ug/L		04/01/14 07:37	04/02/14 19:41	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		04/01/14 07:37	04/02/14 19:41	1
Dibenzofuran	ND		9.3	0.47	ug/L		04/01/14 07:37	04/02/14 19:41	1
Diethyl phthalate	ND		4.7	0.20	ug/L		04/01/14 07:37	04/02/14 19:41	1
Dimethyl phthalate	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 19:41	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		04/01/14 07:37	04/02/14 19:41	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 19:41	1
Fluoranthene	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 19:41	1
Fluorene	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 19:41	1
Hexachlorobenzene	ND	*	4.7	0.47	ug/L		04/01/14 07:37	04/02/14 19:41	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		04/01/14 07:37	04/02/14 19:41	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		04/01/14 07:37	04/02/14 19:41	1
Hexachloroethane	ND		4.7	0.55	ug/L		04/01/14 07:37	04/02/14 19:41	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 19:41	1
Isophorone	ND		4.7	0.40	ug/L		04/01/14 07:37	04/02/14 19:41	1
Naphthalene	ND		4.7	0.71	ug/L		04/01/14 07:37	04/02/14 19:41	1
Nitrobenzene	ND	*	4.7	0.27	ug/L		04/01/14 07:37	04/02/14 19:41	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		04/01/14 07:37	04/02/14 19:41	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		04/01/14 07:37	04/02/14 19:41	1
Pentachlorophenol	ND		9.3	2.0	ug/L		04/01/14 07:37	04/02/14 19:41	1
Phenanthrene	ND		4.7	0.41	ug/L		04/01/14 07:37	04/02/14 19:41	1
Phenol	ND		4.7	0.36	ug/L		04/01/14 07:37	04/02/14 19:41	1
Pyrene	ND		4.7	0.32	ug/L		04/01/14 07:37	04/02/14 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 132*	*04/01/14 07:37*	*04/02/14 19:41*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*04/01/14 07:37*	*04/02/14 19:41*	*1*
2-Fluorophenol	*48*		*20 - 120*	*04/01/14 07:37*	*04/02/14 19:41*	*1*
Nitrobenzene-d5	*78*		*46 - 120*	*04/01/14 07:37*	*04/02/14 19:41*	*1*
Phenol-d5	*31*		*16 - 120*	*04/01/14 07:37*	*04/02/14 19:41*	*1*
p-Terphenyl-d14	*102*		*67 - 150*	*04/01/14 07:37*	*04/02/14 19:41*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:34	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:34	1
Arsenic	ND		0.015	0.0056	mg/L		03/31/14 09:45	04/01/14 23:34	1
Barium	**0.030**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:34	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:34	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/14 09:45	04/01/14 23:34	1
Calcium	**208**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:34	1
Chromium	**0.16**		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:34	1
Cobalt	**0.0097**		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:34	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-27 0314
Date Collected: 03/27/14 17:12
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0078	J	0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:34	1
Iron	2.0		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:34	1
Lead	ND		0.010	0.0030	mg/L		03/31/14 09:45	04/01/14 23:34	1
Magnesium	93.6		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:34	1
Manganese	0.53		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:34	1
Nickel	0.60		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:34	1
Potassium	2.2	B	0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:34	1
Selenium	ND		0.025	0.0087	mg/L		03/31/14 09:45	04/01/14 23:34	1
Silver	ND		0.0060	0.0017	mg/L		03/31/14 09:45	04/01/14 23:34	1
Sodium	292		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:34	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:34	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:34	1
Zinc	0.0019	J	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:43	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-28D 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/07/14 06:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/07/14 06:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/07/14 06:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/07/14 06:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/07/14 06:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/07/14 06:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/07/14 06:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/07/14 06:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/07/14 06:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/07/14 06:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/07/14 06:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/07/14 06:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/07/14 06:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/07/14 06:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/07/14 06:05	1
2-Hexanone	ND		5.0	1.2	ug/L			04/07/14 06:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/07/14 06:05	1
Acetone	ND		10	3.0	ug/L			04/07/14 06:05	1
Benzene	ND		1.0	0.41	ug/L			04/07/14 06:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/07/14 06:05	1
Bromoform	ND		1.0	0.26	ug/L			04/07/14 06:05	1
Bromomethane	ND		1.0	0.69	ug/L			04/07/14 06:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/07/14 06:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/07/14 06:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/07/14 06:05	1
Chloroethane	ND		1.0	0.32	ug/L			04/07/14 06:05	1
Chloroform	ND		1.0	0.34	ug/L			04/07/14 06:05	1
Chloromethane	ND		1.0	0.35	ug/L			04/07/14 06:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/07/14 06:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/07/14 06:05	1
Cyclohexane	ND		1.0	0.18	ug/L			04/07/14 06:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/07/14 06:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/07/14 06:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/07/14 06:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/07/14 06:05	1
Methyl acetate	ND		2.5	0.50	ug/L			04/07/14 06:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/07/14 06:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/07/14 06:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/07/14 06:05	1
Styrene	ND		1.0	0.73	ug/L			04/07/14 06:05	1
Tetrachloroethene	**0.58**	**J**	1.0	0.36	ug/L			04/07/14 06:05	1
Toluene	ND		1.0	0.51	ug/L			04/07/14 06:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/07/14 06:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/07/14 06:05	1
Trichloroethene	ND		1.0	0.46	ug/L			04/07/14 06:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/07/14 06:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/07/14 06:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/07/14 06:05	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-28D 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*04/07/14 06:05*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/07/14 06:05*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*04/07/14 06:05*	*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		04/01/14 07:37	04/02/14 20:05	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		04/01/14 07:37	04/02/14 20:05	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		04/01/14 07:37	04/02/14 20:05	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		04/01/14 07:37	04/02/14 20:05	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		04/01/14 07:37	04/02/14 20:05	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 20:05	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 20:05	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		04/01/14 07:37	04/02/14 20:05	1
2-Chlorophenol	ND		4.7	0.49	ug/L		04/01/14 07:37	04/02/14 20:05	1
2-Methylnaphthalene	ND	*	4.7	0.56	ug/L		04/01/14 07:37	04/02/14 20:05	1
2-Methylphenol	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 20:05	1
2-Nitroaniline	ND		9.3	0.39	ug/L		04/01/14 07:37	04/02/14 20:05	1
2-Nitrophenol	ND		4.7	0.45	ug/L		04/01/14 07:37	04/02/14 20:05	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 20:05	1
3-Nitroaniline	ND		9.3	0.45	ug/L		04/01/14 07:37	04/02/14 20:05	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.1	ug/L		04/01/14 07:37	04/02/14 20:05	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 20:05	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 20:05	1
4-Chloroaniline	**2.5**	**J**	4.7	0.55	ug/L		04/01/14 07:37	04/02/14 20:05	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 20:05	1
4-Methylphenol	ND		9.3	0.34	ug/L		04/01/14 07:37	04/02/14 20:05	1
4-Nitroaniline	ND		9.3	0.23	ug/L		04/01/14 07:37	04/02/14 20:05	1
4-Nitrophenol	ND		9.3	1.4	ug/L		04/01/14 07:37	04/02/14 20:05	1
Acenaphthene	ND		4.7	0.38	ug/L		04/01/14 07:37	04/02/14 20:05	1
Acenaphthylene	ND		4.7	0.35	ug/L		04/01/14 07:37	04/02/14 20:05	1
Acetophenone	ND		4.7	0.50	ug/L		04/01/14 07:37	04/02/14 20:05	1
Aniline	**3.5**	**J**	9.3	0.57	ug/L		04/01/14 07:37	04/02/14 20:05	1
Anthracene	ND		4.7	0.26	ug/L		04/01/14 07:37	04/02/14 20:05	1
Atrazine	ND		4.7	0.43	ug/L		04/01/14 07:37	04/02/14 20:05	1
Benzaldehyde	ND		4.7	0.25	ug/L		04/01/14 07:37	04/02/14 20:05	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		04/01/14 07:37	04/02/14 20:05	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 20:05	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		04/01/14 07:37	04/02/14 20:05	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 20:05	1
Benzo(k)fluoranthene	ND		4.7	0.68	ug/L		04/01/14 07:37	04/02/14 20:05	1
Biphenyl	ND		4.7	0.61	ug/L		04/01/14 07:37	04/02/14 20:05	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		04/01/14 07:37	04/02/14 20:05	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 20:05	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 20:05	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		04/01/14 07:37	04/02/14 20:05	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		04/01/14 07:37	04/02/14 20:05	1
Caprolactam	ND		4.7	2.1	ug/L		04/01/14 07:37	04/02/14 20:05	1
Carbazole	ND		4.7	0.28	ug/L		04/01/14 07:37	04/02/14 20:05	1
Chrysene	ND		4.7	0.31	ug/L		04/01/14 07:37	04/02/14 20:05	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-28D 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		04/01/14 07:37	04/02/14 20:05	1
Dibenzofuran	ND		9.3	0.48	ug/L		04/01/14 07:37	04/02/14 20:05	1
Diethyl phthalate	ND		4.7	0.21	ug/L		04/01/14 07:37	04/02/14 20:05	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		04/01/14 07:37	04/02/14 20:05	1
Di-n-butyl phthalate	**0.30**	**J B**	4.7	0.29	ug/L		04/01/14 07:37	04/02/14 20:05	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 20:05	1
Fluoranthene	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 20:05	1
Fluorene	ND		4.7	0.34	ug/L		04/01/14 07:37	04/02/14 20:05	1
Hexachlorobenzene	ND	*	4.7	0.48	ug/L		04/01/14 07:37	04/02/14 20:05	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		04/01/14 07:37	04/02/14 20:05	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		04/01/14 07:37	04/02/14 20:05	1
Hexachloroethane	ND		4.7	0.55	ug/L		04/01/14 07:37	04/02/14 20:05	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 20:05	1
Isophorone	ND		4.7	0.40	ug/L		04/01/14 07:37	04/02/14 20:05	1
Naphthalene	ND		4.7	0.71	ug/L		04/01/14 07:37	04/02/14 20:05	1
Nitrobenzene	ND	*	4.7	0.27	ug/L		04/01/14 07:37	04/02/14 20:05	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		04/01/14 07:37	04/02/14 20:05	1
N-Nitrosodiphenylamine	**2.4**	**J**	4.7	0.48	ug/L		04/01/14 07:37	04/02/14 20:05	1
Pentachlorophenol	ND		9.3	2.1	ug/L		04/01/14 07:37	04/02/14 20:05	1
Phenanthrene	ND		4.7	0.41	ug/L		04/01/14 07:37	04/02/14 20:05	1
Phenol	ND		4.7	0.36	ug/L		04/01/14 07:37	04/02/14 20:05	1
Pyrene	ND		4.7	0.32	ug/L		04/01/14 07:37	04/02/14 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 132*	*04/01/14 07:37*	*04/02/14 20:05*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*04/01/14 07:37*	*04/02/14 20:05*	*1*
2-Fluorophenol	*54*		*20 - 120*	*04/01/14 07:37*	*04/02/14 20:05*	*1*
Nitrobenzene-d5	*81*		*46 - 120*	*04/01/14 07:37*	*04/02/14 20:05*	*1*
Phenol-d5	*38*		*16 - 120*	*04/01/14 07:37*	*04/02/14 20:05*	*1*
p-Terphenyl-d14	*85*		*67 - 150*	*04/01/14 07:37*	*04/02/14 20:05*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:37	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:37	1
Arsenic	**0.037**		0.015	0.0056	mg/L		03/31/14 09:45	04/01/14 23:37	1
Barium	**0.015**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:37	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:37	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/14 09:45	04/01/14 23:37	1
Calcium	**251**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:37	1
Chromium	**0.0056**		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:37	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:37	1
Copper	**0.0016**	**J**	0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:37	1
Iron	**0.12**		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:37	1
Lead	ND		0.010	0.0030	mg/L		03/31/14 09:45	04/01/14 23:37	1
Magnesium	**21.2**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:37	1
Manganese	**0.23**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:37	1
Nickel	ND		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:37	1
Potassium	**6.8**	**B**	0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:37	1
Selenium	ND		0.025	0.0087	mg/L		03/31/14 09:45	04/01/14 23:37	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-28D 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		03/31/14 09:45	04/01/14 23:37	1
Sodium	**359**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:37	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:37	1
Vanadium	**0.014**		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:37	1
Zinc	**0.0021**	**J**	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:44	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-30 0314
Date Collected: 03/27/14 18:47
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 09:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 09:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 09:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 09:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 09:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 09:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 09:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 09:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 09:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 09:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 09:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 09:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 09:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 09:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 09:55	1
2-Hexanone	ND	*	5.0	1.2	ug/L			04/04/14 09:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 09:55	1
Acetone	ND		10	3.0	ug/L			04/04/14 09:55	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 09:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 09:55	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 09:55	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 09:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 09:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 09:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 09:55	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 09:55	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 09:55	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 09:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 09:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 09:55	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 09:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 09:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 09:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 09:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 09:55	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 09:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 09:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 09:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 09:55	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 09:55	1
Tetrachloroethene	**0.96**	**J**	1.0	0.36	ug/L			04/04/14 09:55	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 09:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 09:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 09:55	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 09:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 09:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 09:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 09:55	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-30 0314
Date Collected: 03/27/14 18:47
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-4
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*04/04/14 09:55*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*04/04/14 09:55*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*04/04/14 09:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		04/01/14 07:37	04/02/14 20:29	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		04/01/14 07:37	04/02/14 20:29	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		04/01/14 07:37	04/02/14 20:29	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		04/01/14 07:37	04/02/14 20:29	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		04/01/14 07:37	04/02/14 20:29	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		04/01/14 07:37	04/02/14 20:29	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		04/01/14 07:37	04/02/14 20:29	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		04/01/14 07:37	04/02/14 20:29	1
2-Chlorophenol	ND		4.6	0.49	ug/L		04/01/14 07:37	04/02/14 20:29	1
2-Methylnaphthalene	ND	*	4.6	0.55	ug/L		04/01/14 07:37	04/02/14 20:29	1
2-Methylphenol	ND		4.6	0.37	ug/L		04/01/14 07:37	04/02/14 20:29	1
2-Nitroaniline	ND		9.2	0.39	ug/L		04/01/14 07:37	04/02/14 20:29	1
2-Nitrophenol	ND		4.6	0.44	ug/L		04/01/14 07:37	04/02/14 20:29	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		04/01/14 07:37	04/02/14 20:29	1
3-Nitroaniline	ND		9.2	0.44	ug/L		04/01/14 07:37	04/02/14 20:29	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		04/01/14 07:37	04/02/14 20:29	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		04/01/14 07:37	04/02/14 20:29	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		04/01/14 07:37	04/02/14 20:29	1
4-Chloroaniline	ND		4.6	0.54	ug/L		04/01/14 07:37	04/02/14 20:29	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		04/01/14 07:37	04/02/14 20:29	1
4-Methylphenol	ND		9.2	0.33	ug/L		04/01/14 07:37	04/02/14 20:29	1
4-Nitroaniline	ND		9.2	0.23	ug/L		04/01/14 07:37	04/02/14 20:29	1
4-Nitrophenol	ND		9.2	1.4	ug/L		04/01/14 07:37	04/02/14 20:29	1
Acenaphthene	ND		4.6	0.38	ug/L		04/01/14 07:37	04/02/14 20:29	1
Acenaphthylene	ND		4.6	0.35	ug/L		04/01/14 07:37	04/02/14 20:29	1
Acetophenone	ND		4.6	0.50	ug/L		04/01/14 07:37	04/02/14 20:29	1
Aniline	ND		9.2	0.56	ug/L		04/01/14 07:37	04/02/14 20:29	1
Anthracene	ND		4.6	0.26	ug/L		04/01/14 07:37	04/02/14 20:29	1
Atrazine	ND		4.6	0.42	ug/L		04/01/14 07:37	04/02/14 20:29	1
Benzaldehyde	ND		4.6	0.25	ug/L		04/01/14 07:37	04/02/14 20:29	1
Benzo(a)anthracene	ND		4.6	0.33	ug/L		04/01/14 07:37	04/02/14 20:29	1
Benzo(a)pyrene	ND		4.6	0.43	ug/L		04/01/14 07:37	04/02/14 20:29	1
Benzo(b)fluoranthene	ND		4.6	0.31	ug/L		04/01/14 07:37	04/02/14 20:29	1
Benzo(g,h,i)perylene	ND		4.6	0.32	ug/L		04/01/14 07:37	04/02/14 20:29	1
Benzo(k)fluoranthene	ND		4.6	0.67	ug/L		04/01/14 07:37	04/02/14 20:29	1
Biphenyl	ND		4.6	0.60	ug/L		04/01/14 07:37	04/02/14 20:29	1
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		04/01/14 07:37	04/02/14 20:29	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		04/01/14 07:37	04/02/14 20:29	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		04/01/14 07:37	04/02/14 20:29	1
Bis(2-ethylhexyl) phthalate	ND		4.6	1.7	ug/L		04/01/14 07:37	04/02/14 20:29	1
Butyl benzyl phthalate	ND		4.6	0.39	ug/L		04/01/14 07:37	04/02/14 20:29	1
Caprolactam	ND		4.6	2.0	ug/L		04/01/14 07:37	04/02/14 20:29	1
Carbazole	ND		4.6	0.28	ug/L		04/01/14 07:37	04/02/14 20:29	1
Chrysene	ND		4.6	0.30	ug/L		04/01/14 07:37	04/02/14 20:29	1

Client Sample ID: BCC Area B RFI-30 0314
Date Collected: 03/27/14 18:47
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		04/01/14 07:37	04/02/14 20:29	1
Dibenzofuran	ND		9.2	0.47	ug/L		04/01/14 07:37	04/02/14 20:29	1
Diethyl phthalate	ND		4.6	0.20	ug/L		04/01/14 07:37	04/02/14 20:29	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		04/01/14 07:37	04/02/14 20:29	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		04/01/14 07:37	04/02/14 20:29	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		04/01/14 07:37	04/02/14 20:29	1
Fluoranthene	ND		4.6	0.37	ug/L		04/01/14 07:37	04/02/14 20:29	1
Fluorene	ND		4.6	0.33	ug/L		04/01/14 07:37	04/02/14 20:29	1
Hexachlorobenzene	ND	*	4.6	0.47	ug/L		04/01/14 07:37	04/02/14 20:29	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		04/01/14 07:37	04/02/14 20:29	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		04/01/14 07:37	04/02/14 20:29	1
Hexachloroethane	ND		4.6	0.54	ug/L		04/01/14 07:37	04/02/14 20:29	1
Indeno(1,2,3-cd)pyrene	ND		4.6	0.43	ug/L		04/01/14 07:37	04/02/14 20:29	1
Isophorone	ND		4.6	0.40	ug/L		04/01/14 07:37	04/02/14 20:29	1
Naphthalene	ND		4.6	0.70	ug/L		04/01/14 07:37	04/02/14 20:29	1
Nitrobenzene	ND	*	4.6	0.27	ug/L		04/01/14 07:37	04/02/14 20:29	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		04/01/14 07:37	04/02/14 20:29	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		04/01/14 07:37	04/02/14 20:29	1
Pentachlorophenol	ND		9.2	2.0	ug/L		04/01/14 07:37	04/02/14 20:29	1
Phenanthrene	ND		4.6	0.40	ug/L		04/01/14 07:37	04/02/14 20:29	1
Phenol	ND		4.6	0.36	ug/L		04/01/14 07:37	04/02/14 20:29	1
Pyrene	ND		4.6	0.31	ug/L		04/01/14 07:37	04/02/14 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*52 - 132*	*04/01/14 07:37*	*04/02/14 20:29*	*1*
2-Fluorobiphenyl	*79*		*48 - 120*	*04/01/14 07:37*	*04/02/14 20:29*	*1*
2-Fluorophenol	*49*		*20 - 120*	*04/01/14 07:37*	*04/02/14 20:29*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*04/01/14 07:37*	*04/02/14 20:29*	*1*
Phenol-d5	*34*		*16 - 120*	*04/01/14 07:37*	*04/02/14 20:29*	*1*
p-Terphenyl-d14	*101*		*67 - 150*	*04/01/14 07:37*	*04/02/14 20:29*	*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		03/31/14 09:45	04/01/14 23:40	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:40	1
Arsenic	ND		0.015	0.0056	mg/L		03/31/14 09:45	04/01/14 23:40	1
Barium	**0.030**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:40	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:40	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/14 09:45	04/01/14 23:40	1
Calcium	**273**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:40	1
Chromium	**0.50**		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:40	1
Cobalt	**0.0021**	**J**	0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:40	1
Copper	**0.026**		0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:40	1
Iron	**7.5**		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:40	1
Lead	ND		0.010	0.0030	mg/L		03/31/14 09:45	04/01/14 23:40	1
Magnesium	**119**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:40	1
Manganese	**0.33**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:40	1
Nickel	**0.48**		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:40	1
Potassium	**1.9**	**B**	0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:40	1
Selenium	ND		0.025	0.0087	mg/L		03/31/14 09:45	04/01/14 23:40	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-30 0314
Date Collected: 03/27/14 18:47
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		03/31/14 09:45	04/01/14 23:40	1
Sodium	**349**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:40	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:40	1
Vanadium	**0.0022**	**J**	0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:40	1
Zinc	**0.011**		0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:46	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-28 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			04/04/14 16:15	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/04/14 16:15	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/04/14 16:15	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/04/14 16:15	10
1,1-Dichloroethane	ND		10	3.8	ug/L			04/04/14 16:15	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/04/14 16:15	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/04/14 16:15	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/04/14 16:15	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/04/14 16:15	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/04/14 16:15	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/04/14 16:15	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/04/14 16:15	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			04/04/14 16:15	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			04/04/14 16:15	10
2-Butanone (MEK)	ND		100	13	ug/L			04/04/14 16:15	10
2-Hexanone	ND		50	12	ug/L			04/04/14 16:15	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/04/14 16:15	10
Acetone	ND		100	30	ug/L			04/04/14 16:15	10
Benzene	ND		10	4.1	ug/L			04/04/14 16:15	10
Bromodichloromethane	ND		10	3.9	ug/L			04/04/14 16:15	10
Bromoform	ND		10	2.6	ug/L			04/04/14 16:15	10
Bromomethane	ND		10	6.9	ug/L			04/04/14 16:15	10
Carbon disulfide	ND		10	1.9	ug/L			04/04/14 16:15	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/04/14 16:15	10
Chlorobenzene	ND		10	7.5	ug/L			04/04/14 16:15	10
Chloroethane	ND		10	3.2	ug/L			04/04/14 16:15	10
Chloroform	ND		10	3.4	ug/L			04/04/14 16:15	10
Chloromethane	ND		10	3.5	ug/L			04/04/14 16:15	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			04/04/14 16:15	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/04/14 16:15	10
Cyclohexane	ND		10	1.8	ug/L			04/04/14 16:15	10
Dibromochloromethane	ND		10	3.2	ug/L			04/04/14 16:15	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/04/14 16:15	10
Ethylbenzene	ND		10	7.4	ug/L			04/04/14 16:15	10
Isopropylbenzene	ND		10	7.9	ug/L			04/04/14 16:15	10
Methyl acetate	ND		25	5.0	ug/L			04/04/14 16:15	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/04/14 16:15	10
Methylcyclohexane	ND		10	1.6	ug/L			04/04/14 16:15	10
Methylene Chloride	ND		10	4.4	ug/L			04/04/14 16:15	10
Styrene	ND		10	7.3	ug/L			04/04/14 16:15	10
Tetrachloroethene	ND		10	3.6	ug/L			04/04/14 16:15	10
Toluene	ND		10	5.1	ug/L			04/04/14 16:15	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/04/14 16:15	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/04/14 16:15	10
Trichloroethene	ND		10	4.6	ug/L			04/04/14 16:15	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/04/14 16:15	10
Vinyl chloride	ND		10	9.0	ug/L			04/04/14 16:15	10
Xylenes, Total	ND		20	6.6	ug/L			04/04/14 16:15	10

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-28 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/04/14 16:15*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/04/14 16:15*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*04/04/14 16:15*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		04/01/14 07:37	04/02/14 20:53	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		04/01/14 07:37	04/02/14 20:53	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		04/01/14 07:37	04/02/14 20:53	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		04/01/14 07:37	04/02/14 20:53	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		04/01/14 07:37	04/02/14 20:53	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 20:53	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		04/01/14 07:37	04/02/14 20:53	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		04/01/14 07:37	04/02/14 20:53	1
2-Chlorophenol	ND		4.7	0.50	ug/L		04/01/14 07:37	04/02/14 20:53	1
2-Methylnaphthalene	ND	*	4.7	0.56	ug/L		04/01/14 07:37	04/02/14 20:53	1
2-Methylphenol	ND		4.7	0.38	ug/L		04/01/14 07:37	04/02/14 20:53	1
2-Nitroaniline	ND		9.4	0.39	ug/L		04/01/14 07:37	04/02/14 20:53	1
2-Nitrophenol	ND		4.7	0.45	ug/L		04/01/14 07:37	04/02/14 20:53	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		04/01/14 07:37	04/02/14 20:53	1
3-Nitroaniline	ND		9.4	0.45	ug/L		04/01/14 07:37	04/02/14 20:53	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		04/01/14 07:37	04/02/14 20:53	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 20:53	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		04/01/14 07:37	04/02/14 20:53	1
4-Chloroaniline	**2.4**	**J**	4.7	0.55	ug/L		04/01/14 07:37	04/02/14 20:53	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 20:53	1
4-Methylphenol	ND		9.4	0.34	ug/L		04/01/14 07:37	04/02/14 20:53	1
4-Nitroaniline	ND		9.4	0.23	ug/L		04/01/14 07:37	04/02/14 20:53	1
4-Nitrophenol	ND		9.4	1.4	ug/L		04/01/14 07:37	04/02/14 20:53	1
Acenaphthene	ND		4.7	0.39	ug/L		04/01/14 07:37	04/02/14 20:53	1
Acenaphthylene	ND		4.7	0.36	ug/L		04/01/14 07:37	04/02/14 20:53	1
Acetophenone	ND		4.7	0.51	ug/L		04/01/14 07:37	04/02/14 20:53	1
Aniline	**2.6**	**J**	9.4	0.57	ug/L		04/01/14 07:37	04/02/14 20:53	1
Anthracene	ND		4.7	0.26	ug/L		04/01/14 07:37	04/02/14 20:53	1
Atrazine	ND		4.7	0.43	ug/L		04/01/14 07:37	04/02/14 20:53	1
Benzaldehyde	ND		4.7	0.25	ug/L		04/01/14 07:37	04/02/14 20:53	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		04/01/14 07:37	04/02/14 20:53	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 20:53	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		04/01/14 07:37	04/02/14 20:53	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 20:53	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		04/01/14 07:37	04/02/14 20:53	1
Biphenyl	ND		4.7	0.61	ug/L		04/01/14 07:37	04/02/14 20:53	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		04/01/14 07:37	04/02/14 20:53	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		04/01/14 07:37	04/02/14 20:53	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		04/01/14 07:37	04/02/14 20:53	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		04/01/14 07:37	04/02/14 20:53	1
Butyl benzyl phthalate	**0.39**	**J B**	4.7	0.39	ug/L		04/01/14 07:37	04/02/14 20:53	1
Caprolactam	ND		4.7	2.1	ug/L		04/01/14 07:37	04/02/14 20:53	1
Carbazole	ND		4.7	0.28	ug/L		04/01/14 07:37	04/02/14 20:53	1
Chrysene	ND		4.7	0.31	ug/L		04/01/14 07:37	04/02/14 20:53	1

Client Sample ID: BCC Area B RFI-28 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		04/01/14 07:37	04/02/14 20:53	1
Dibenzofuran	ND		9.4	0.48	ug/L		04/01/14 07:37	04/02/14 20:53	1
Diethyl phthalate	ND		4.7	0.21	ug/L		04/01/14 07:37	04/02/14 20:53	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		04/01/14 07:37	04/02/14 20:53	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		04/01/14 07:37	04/02/14 20:53	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 20:53	1
Fluoranthene	ND		4.7	0.38	ug/L		04/01/14 07:37	04/02/14 20:53	1
Fluorene	ND		4.7	0.34	ug/L		04/01/14 07:37	04/02/14 20:53	1
Hexachlorobenzene	ND	*	4.7	0.48	ug/L		04/01/14 07:37	04/02/14 20:53	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		04/01/14 07:37	04/02/14 20:53	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		04/01/14 07:37	04/02/14 20:53	1
Hexachloroethane	ND		4.7	0.55	ug/L		04/01/14 07:37	04/02/14 20:53	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		04/01/14 07:37	04/02/14 20:53	1
Isophorone	ND		4.7	0.40	ug/L		04/01/14 07:37	04/02/14 20:53	1
Naphthalene	ND		4.7	0.71	ug/L		04/01/14 07:37	04/02/14 20:53	1
Nitrobenzene	ND	*	4.7	0.27	ug/L		04/01/14 07:37	04/02/14 20:53	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		04/01/14 07:37	04/02/14 20:53	1
N-Nitrosodiphenylamine	**2.3**	**J**	4.7	0.48	ug/L		04/01/14 07:37	04/02/14 20:53	1
Pentachlorophenol	ND		9.4	2.1	ug/L		04/01/14 07:37	04/02/14 20:53	1
Phenanthrene	ND		4.7	0.41	ug/L		04/01/14 07:37	04/02/14 20:53	1
Phenol	ND		4.7	0.37	ug/L		04/01/14 07:37	04/02/14 20:53	1
Pyrene	ND		4.7	0.32	ug/L		04/01/14 07:37	04/02/14 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*52 - 132*	*04/01/14 07:37*	*04/02/14 20:53*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*04/01/14 07:37*	*04/02/14 20:53*	*1*
2-Fluorophenol	*48*		*20 - 120*	*04/01/14 07:37*	*04/02/14 20:53*	*1*
Nitrobenzene-d5	*72*		*46 - 120*	*04/01/14 07:37*	*04/02/14 20:53*	*1*
Phenol-d5	*35*		*16 - 120*	*04/01/14 07:37*	*04/02/14 20:53*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*04/01/14 07:37*	*04/02/14 20:53*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:42	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:42	1
Arsenic	**0.040**		0.015	0.0056	mg/L		03/31/14 09:45	04/01/14 23:42	1
Barium	**0.015**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:42	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:42	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/14 09:45	04/01/14 23:42	1
Calcium	**250**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:42	1
Chromium	**0.0055**		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:42	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:42	1
Copper	**0.0021**	**J**	0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:42	1
Iron	**0.13**		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:42	1
Lead	ND		0.010	0.0030	mg/L		03/31/14 09:45	04/01/14 23:42	1
Magnesium	**21.3**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:42	1
Manganese	**0.23**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:42	1
Nickel	**0.0019**	**J**	0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:42	1
Potassium	**6.9**	**B**	0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:42	1
Selenium	ND		0.025	0.0087	mg/L		03/31/14 09:45	04/01/14 23:42	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-28 0314
Date Collected: 03/27/14 19:46
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		03/31/14 09:45	04/01/14 23:42	1
Sodium	**360**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:42	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:42	1
Vanadium	**0.015**		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:42	1
Zinc	ND		0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:48	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: TRIP BLANK
Date Collected: 03/27/14 00:00
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 08:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 08:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 08:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 08:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 08:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 08:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 08:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 08:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 08:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 08:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 08:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 08:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 08:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 08:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 08:14	1
2-Hexanone	ND	*	5.0	1.2	ug/L			04/04/14 08:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 08:14	1
Acetone	ND		10	3.0	ug/L			04/04/14 08:14	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 08:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 08:14	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 08:14	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 08:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 08:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 08:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 08:14	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 08:14	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 08:14	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 08:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 08:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 08:14	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 08:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 08:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 08:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 08:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 08:14	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 08:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 08:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 08:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 08:14	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 08:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 08:14	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 08:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 08:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 08:14	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 08:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 08:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 08:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 08:14	1

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

TestAmerica Job ID: 480-56840-1

Client Sample ID: TRIP BLANK
Date Collected: 03/27/14 00:00
Date Received: 03/28/14 12:30

Lab Sample ID: 480-56840-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		04/04/14 08:14	1
4-Bromofluorobenzene (Surr)	93		73 - 120		04/04/14 08:14	1
Toluene-d8 (Surr)	96		71 - 126		04/04/14 08:14	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area B Wells

TestAmerica Job ID: 480-56840-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		12DCE	BFB	TOL						
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)						
480-56840-1	BCC Area B RFI-18 0314	97	90	95						
480-56840-2	BCC Area B RFI-27 0314	96	90	96						
480-56840-2 - DL	BCC Area B RFI-27 0314	101	103	107						
480-56840-3	BCC Area B RFI-28D 0314	105	103	107						
480-56840-4	BCC Area B RFI-30 0314	102	91	97						
480-56840-5	BCC Area B RFI-28 0314	103	101	101						
480-56840-5 MS	BCC Area B RFI-28 MS 0314	110	111	110						
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	110	108	109						

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		12DCE	BFB	TOL						
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)						
480-56840-6	TRIP BLANK	101	93	96						
LCS 480-173758/5	Lab Control Sample	97	97	99						
LCS 480-173902/56	Lab Control Sample	97	100	100						
LCS 480-174114/6	Lab Control Sample	97	97	101						
MB 480-173758/7	Method Blank	94	95	96						
MB 480-173902/7	Method Blank	102	98	101						
MB 480-174114/8	Method Blank	103	103	107						

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)		
480-56840-1	BCC Area B RFI-18 0314	90	78	48	81	32	74		
480-56840-2	BCC Area B RFI-27 0314	87	73	48	78	31	102		
480-56840-3	BCC Area B RFI-28D 0314	103	82	54	81	38	85		
480-56840-4	BCC Area B RFI-30 0314	93	79	49	77	34	101		
480-56840-5	BCC Area B RFI-28 0314	92	73	48	72	35	81		
480-56840-5 MS	BCC Area B RFI-28 MS 0314	112	90	60	89	54	61 X		
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	112	91	63	91	56	56 X		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)		
LCS 480-173059/2-A	Lab Control Sample	116	96	73	99	66	110		
MB 480-173059/1-A	Method Blank	89	81	51	85	34	103		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area B Wells

TestAmerica Job ID: 480-56840-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-173758/7
Matrix: Water
Analysis Batch: 173758

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 01:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 01:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 01:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 01:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 01:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 01:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 01:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 01:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 01:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 01:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 01:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 01:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 01:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 01:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 01:35	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 01:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 01:35	1
Acetone	ND		10	3.0	ug/L			04/04/14 01:35	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 01:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 01:35	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 01:35	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 01:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 01:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 01:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 01:35	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 01:35	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 01:35	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 01:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 01:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 01:35	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 01:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 01:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 01:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 01:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 01:35	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 01:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 01:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 01:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 01:35	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 01:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 01:35	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 01:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 01:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 01:35	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 01:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 01:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 01:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 01:35	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-173758/7
Matrix: Water
Analysis Batch: 173758

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		04/04/14 01:35	1
4-Bromofluorobenzene (Surr)	95		73 - 120		04/04/14 01:35	1
Toluene-d8 (Surr)	96		71 - 126		04/04/14 01:35	1

Lab Sample ID: LCS 480-173758/5
Matrix: Water
Analysis Batch: 173758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	21.5		ug/L		86	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.1		ug/L		93	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.8		ug/L		83	52 - 148
1,1,2-Trichloroethane	25.0	23.3		ug/L		93	76 - 122
1,1-Dichloroethane	25.0	21.7		ug/L		87	71 - 129
1,1-Dichloroethene	25.0	20.3		ug/L		81	58 - 121
1,2,4-Trichlorobenzene	25.0	22.4		ug/L		90	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	56 - 134
1,2-Dibromoethane	25.0	23.0		ug/L		92	77 - 120
1,2-Dichlorobenzene	25.0	22.9		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	21.4		ug/L		86	75 - 127
1,2-Dichloropropane	25.0	21.4		ug/L		86	76 - 120
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	75 - 120
2-Butanone (MEK)	125	149		ug/L		119	57 - 140
2-Hexanone	125	181	*	ug/L		145	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	101		ug/L		81	56 - 142
Benzene	25.0	21.2		ug/L		85	71 - 124
Bromodichloromethane	25.0	22.0		ug/L		88	80 - 122
Bromoform	25.0	24.2		ug/L		97	52 - 132
Bromomethane	25.0	19.7		ug/L		79	55 - 144
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134
Carbon tetrachloride	25.0	22.3		ug/L		89	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	72 - 120
Chloroethane	25.0	20.1		ug/L		80	69 - 136
Chloroform	25.0	21.3		ug/L		85	73 - 127
Chloromethane	25.0	19.8		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	21.7		ug/L		87	74 - 124
cis-1,3-Dichloropropene	25.0	21.7		ug/L		87	74 - 124
Cyclohexane	25.0	21.0		ug/L		84	59 - 135
Dibromochloromethane	24.5	24.0		ug/L		98	75 - 125
Dichlorodifluoromethane	25.0	20.9		ug/L		83	59 - 135
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	125	109		ug/L		87	74 - 133
Methyl tert-butyl ether	25.0	21.7		ug/L		87	64 - 127
Methylcyclohexane	25.0	21.4		ug/L		85	61 - 138

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-173758/5
Matrix: Water
Analysis Batch: 173758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	21.2		ug/L		85	57 - 132
Styrene	25.0	23.0		ug/L		92	70 - 130
Tetrachloroethene	25.0	28.7		ug/L		115	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	21.5		ug/L		86	73 - 127
trans-1,3-Dichloropropene	25.0	24.6		ug/L		98	72 - 123
Trichloroethene	25.0	21.7		ug/L		87	74 - 123
Trichlorofluoromethane	25.0	19.3		ug/L		77	62 - 152
Vinyl chloride	25.0	19.8		ug/L		79	65 - 133
Xylenes, Total	50.0	46.4		ug/L		93	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 480-173902/7
Matrix: Water
Analysis Batch: 173902

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 15:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/14 15:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 15:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 15:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 15:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/14 15:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/14 15:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/14 15:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/14 15:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 15:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 15:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/14 15:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/14 15:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 15:17	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 15:17	1
Acetone	ND		10	3.0	ug/L			04/04/14 15:17	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 15:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 15:17	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 15:17	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 15:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 15:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 15:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 15:17	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 15:17	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 15:17	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-173902/7
Matrix: Water
Analysis Batch: 173902

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 15:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/14 15:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 15:17	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/14 15:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 15:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/14 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 15:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/14 15:17	1
Methyl acetate	ND		2.5	0.50	ug/L			04/04/14 15:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/14 15:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/14 15:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 15:17	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 15:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 15:17	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 15:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/14 15:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 15:17	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 15:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/14 15:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 15:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 15:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*04/04/14 15:17*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/04/14 15:17*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*04/04/14 15:17*	*1*

Lab Sample ID: LCS 480-173902/56
Matrix: Water
Analysis Batch: 173902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

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
1,1,2,2-Tetrachloroethane	25.0	27.5		ug/L		110	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	33.4		ug/L		134	52 - 148
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	76 - 122
1,1-Dichloroethane	25.0	27.0		ug/L		108	71 - 129
1,1-Dichloroethene	25.0	28.6		ug/L		114	58 - 121
1,2,4-Trichlorobenzene	25.0	27.3		ug/L		109	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	29.4		ug/L		117	56 - 134
1,2-Dibromoethane	25.0	27.4		ug/L		110	77 - 120
1,2-Dichlorobenzene	25.0	27.0		ug/L		108	80 - 124
1,2-Dichloroethane	25.0	26.7		ug/L		107	75 - 127
1,2-Dichloropropane	25.0	26.9		ug/L		108	76 - 120
1,3-Dichlorobenzene	25.0	27.5		ug/L		110	77 - 120
1,4-Dichlorobenzene	25.0	26.9		ug/L		108	75 - 120
2-Butanone (MEK)	125	122		ug/L		97	57 - 140

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-173902/56
Matrix: Water
Analysis Batch: 173902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	145		ug/L		116	71 - 125
Acetone	125	119		ug/L		95	56 - 142
Benzene	25.0	26.6		ug/L		107	71 - 124
Bromodichloromethane	25.0	28.8		ug/L		115	80 - 122
Bromoform	25.0	26.0		ug/L		104	52 - 132
Bromomethane	25.0	24.4		ug/L		98	55 - 144
Carbon disulfide	25.0	26.8		ug/L		107	59 - 134
Carbon tetrachloride	25.0	29.9		ug/L		120	72 - 134
Chlorobenzene	25.0	27.0		ug/L		108	72 - 120
Chloroethane	25.0	24.4		ug/L		97	69 - 136
Chloroform	25.0	26.6		ug/L		106	73 - 127
Chloromethane	25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	27.0		ug/L		108	74 - 124
cis-1,3-Dichloropropene	25.0	28.5		ug/L		114	74 - 124
Cyclohexane	25.0	26.9		ug/L		108	59 - 135
Dibromochloromethane	24.5	30.1		ug/L		123	75 - 125
Dichlorodifluoromethane	25.0	26.4		ug/L		106	59 - 135
Ethylbenzene	25.0	27.7		ug/L		111	77 - 123
Isopropylbenzene	25.0	27.9		ug/L		112	77 - 122
Methyl acetate	125	126		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	64 - 127
Methylcyclohexane	25.0	27.9		ug/L		112	61 - 138
Methylene Chloride	25.0	26.4		ug/L		106	57 - 132
Styrene	25.0	27.8		ug/L		111	70 - 130
Tetrachloroethene	25.0	28.2		ug/L		113	74 - 122
Toluene	25.0	27.3		ug/L		109	80 - 122
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	29.4		ug/L		117	72 - 123
Trichloroethene	25.0	26.9		ug/L		108	74 - 123
Trichlorofluoromethane	25.0	26.1		ug/L		104	62 - 152
Vinyl chloride	25.0	24.3		ug/L		97	65 - 133
Xylenes, Total	50.0	55.1		ug/L		110	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: 480-56840-5 MS
Matrix: Ground Water
Analysis Batch: 173902

Client Sample ID: BCC Area B RFI-28 MS 0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	275		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	259		ug/L		103	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		250	312		ug/L		125	52 - 148

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-56840-5 MS
Matrix: Ground Water
Analysis Batch: 173902

Client Sample ID: BCC Area B RFI-28 MS 0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		250	258		ug/L		103	76 - 122
1,1-Dichloroethane	ND		250	264		ug/L		105	71 - 129
1,1-Dichloroethene	ND		250	279		ug/L		112	58 - 121
1,2,4-Trichlorobenzene	ND		250	251		ug/L		100	70 - 122
1,2-Dibromo-3-Chloropropane	ND		250	272		ug/L		109	56 - 134
1,2-Dibromoethane	ND		250	259		ug/L		104	77 - 120
1,2-Dichlorobenzene	ND		250	250		ug/L		100	80 - 124
1,2-Dichloroethane	ND		250	264		ug/L		106	75 - 127
1,2-Dichloropropane	ND		250	256		ug/L		103	76 - 120
1,3-Dichlorobenzene	ND		250	254		ug/L		102	77 - 120
1,4-Dichlorobenzene	ND		250	253		ug/L		101	75 - 120
2-Butanone (MEK)	ND		1250	1220		ug/L		98	57 - 140
2-Hexanone	ND		1250	1280		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1420		ug/L		114	71 - 125
Acetone	ND		1250	1240		ug/L		100	56 - 142
Benzene	ND		250	260		ug/L		104	71 - 124
Bromodichloromethane	ND		250	266		ug/L		107	80 - 122
Bromoform	ND		250	218		ug/L		87	52 - 132
Bromomethane	ND		250	232		ug/L		93	55 - 144
Carbon disulfide	ND		250	251		ug/L		100	59 - 134
Carbon tetrachloride	ND		250	290		ug/L		116	72 - 134
Chlorobenzene	ND		250	259		ug/L		104	72 - 120
Chloroethane	ND		250	242		ug/L		97	69 - 136
Chloroform	ND		250	258		ug/L		103	73 - 127
Chloromethane	ND		250	220		ug/L		88	68 - 124
cis-1,2-Dichloroethene	ND		250	259		ug/L		103	74 - 124
cis-1,3-Dichloropropene	ND		250	251		ug/L		100	74 - 124
Cyclohexane	ND		250	262		ug/L		105	59 - 135
Dibromochloromethane	ND		245	270		ug/L		110	75 - 125
Dichlorodifluoromethane	ND		250	251		ug/L		100	59 - 135
Ethylbenzene	ND		250	266		ug/L		106	77 - 123
Isopropylbenzene	ND		250	260		ug/L		104	77 - 122
Methyl acetate	ND		1250	1260		ug/L		101	74 - 133
Methyl tert-butyl ether	ND		250	248		ug/L		99	64 - 127
Methylcyclohexane	ND		250	272		ug/L		109	61 - 138
Methylene Chloride	ND		250	257		ug/L		103	57 - 132
Styrene	ND		250	262		ug/L		105	70 - 130
Tetrachloroethene	ND		250	263		ug/L		105	74 - 122
Toluene	ND		250	259		ug/L		103	80 - 122
trans-1,2-Dichloroethene	ND		250	253		ug/L		101	73 - 127
trans-1,3-Dichloropropene	ND		250	249		ug/L		100	72 - 123
Trichloroethene	ND		250	264		ug/L		105	74 - 123
Trichlorofluoromethane	ND		250	254		ug/L		102	62 - 152
Vinyl chloride	ND		250	242		ug/L		97	65 - 133
Xylenes, Total	ND		500	522		ug/L		104	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-56840-5 MS
Matrix: Ground Water
Analysis Batch: 173902

Client Sample ID: BCC Area B RFI-28 MS 0314
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		73 - 120
Toluene-d8 (Surr)	110		71 - 126

Lab Sample ID: 480-56840-5 MSD
Matrix: Ground Water
Analysis Batch: 173902

Client Sample ID: BCC Area B RFI-28 MSD 0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	264		ug/L		106	73 - 126	4	15
1,1,2,2-Tetrachloroethane	ND		250	267		ug/L		107	70 - 126	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	259		ug/L		104	52 - 148	18	20
1,1,2-Trichloroethane	ND		250	254		ug/L		102	76 - 122	2	15
1,1-Dichloroethane	ND		250	251		ug/L		100	71 - 129	5	20
1,1-Dichloroethene	ND		250	265		ug/L		106	58 - 121	5	16
1,2,4-Trichlorobenzene	ND		250	251		ug/L		100	70 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND		250	286		ug/L		115	56 - 134	5	15
1,2-Dibromoethane	ND		250	263		ug/L		105	77 - 120	1	15
1,2-Dichlorobenzene	ND		250	253		ug/L		101	80 - 124	1	20
1,2-Dichloroethane	ND		250	257		ug/L		103	75 - 127	3	20
1,2-Dichloropropane	ND		250	254		ug/L		102	76 - 120	1	20
1,3-Dichlorobenzene	ND		250	254		ug/L		102	77 - 120	0	20
1,4-Dichlorobenzene	ND		250	250		ug/L		100	75 - 120	1	20
2-Butanone (MEK)	ND		1250	1220		ug/L		97	57 - 140	1	20
2-Hexanone	ND		1250	1270		ug/L		102	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1410		ug/L		113	71 - 125	1	35
Acetone	ND		1250	1220		ug/L		98	56 - 142	2	15
Benzene	ND		250	250		ug/L		100	71 - 124	4	13
Bromodichloromethane	ND		250	267		ug/L		107	80 - 122	0	15
Bromoform	ND		250	234		ug/L		94	52 - 132	7	15
Bromomethane	ND		250	221		ug/L		88	55 - 144	5	15
Carbon disulfide	ND		250	245		ug/L		98	59 - 134	2	15
Carbon tetrachloride	ND		250	280		ug/L		112	72 - 134	3	15
Chlorobenzene	ND		250	249		ug/L		99	72 - 120	4	25
Chloroethane	ND		250	235		ug/L		94	69 - 136	3	15
Chloroform	ND		250	253		ug/L		101	73 - 127	2	20
Chloromethane	ND		250	217		ug/L		87	68 - 124	2	15
cis-1,2-Dichloroethene	ND		250	251		ug/L		100	74 - 124	3	15
cis-1,3-Dichloropropene	ND		250	253		ug/L		101	74 - 124	1	15
Cyclohexane	ND		250	268		ug/L		107	59 - 135	2	20
Dibromochloromethane	ND		245	276		ug/L		113	75 - 125	2	15
Dichlorodifluoromethane	ND		250	239		ug/L		96	59 - 135	5	20
Ethylbenzene	ND		250	256		ug/L		102	77 - 123	4	15
Isopropylbenzene	ND		250	256		ug/L		102	77 - 122	2	20
Methyl acetate	ND		1250	1230		ug/L		99	74 - 133	2	20
Methyl tert-butyl ether	ND		250	248		ug/L		99	64 - 127	0	37
Methylcyclohexane	ND		250	258		ug/L		103	61 - 138	5	20
Methylene Chloride	ND		250	252		ug/L		101	57 - 132	2	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-56840-5 MSD
Matrix: Ground Water
Analysis Batch: 173902

Client Sample ID: BCC Area B RFI-28 MSD 0314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Styrene	ND		250	256		ug/L		102	70 - 130	3	20
Tetrachloroethene	ND		250	248		ug/L		99	74 - 122	6	20
Toluene	ND		250	250		ug/L		100	80 - 122	3	15
trans-1,2-Dichloroethene	ND		250	251		ug/L		100	73 - 127	1	20
trans-1,3-Dichloropropene	ND		250	254		ug/L		102	72 - 123	2	15
Trichloroethene	ND		250	250		ug/L		100	74 - 123	5	16
Trichlorofluoromethane	ND		250	240		ug/L		96	62 - 152	6	20
Vinyl chloride	ND		250	229		ug/L		91	65 - 133	6	15
Xylenes, Total	ND		500	508		ug/L		102	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Toluene-d8 (Surr)	*109*		*71 - 126*

Lab Sample ID: MB 480-174114/8
Matrix: Water
Analysis Batch: 174114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/06/14 23:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/14 23:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/14 23:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/14 23:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/14 23:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/14 23:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/14 23:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/14 23:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/14 23:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/14 23:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/14 23:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/14 23:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/14 23:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/14 23:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/14 23:18	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/14 23:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/14 23:18	1
Acetone	ND		10	3.0	ug/L			04/06/14 23:18	1
Benzene	ND		1.0	0.41	ug/L			04/06/14 23:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/14 23:18	1
Bromoform	ND		1.0	0.26	ug/L			04/06/14 23:18	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/14 23:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/14 23:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/14 23:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/06/14 23:18	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/14 23:18	1
Chloroform	ND		1.0	0.34	ug/L			04/06/14 23:18	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/14 23:18	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-174114/8
Matrix: Water
Analysis Batch: 174114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/14 23:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/14 23:18	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/14 23:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/14 23:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/14 23:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/14 23:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/14 23:18	1
Methyl acetate	ND		2.5	0.50	ug/L			04/06/14 23:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/14 23:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/14 23:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/14 23:18	1
Styrene	ND		1.0	0.73	ug/L			04/06/14 23:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/14 23:18	1
Toluene	ND		1.0	0.51	ug/L			04/06/14 23:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/14 23:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/14 23:18	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/14 23:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/14 23:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/14 23:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/14 23:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/06/14 23:18*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/06/14 23:18*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*04/06/14 23:18*	*1*

Lab Sample ID: LCS 480-174114/6
Matrix: Water
Analysis Batch: 174114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.0		ug/L		88	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	18.9		ug/L		75	52 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	23.3		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	18.9		ug/L		76	58 - 121
1,2,4-Trichlorobenzene	25.0	23.5		ug/L		94	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.0		ug/L		96	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 127
1,2-Dichloropropane	25.0	22.0		ug/L		88	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	75 - 120
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-174114/6
Matrix: Water
Analysis Batch: 174114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	143		ug/L		115	71 - 125
Acetone	125	114		ug/L		91	56 - 142
Benzene	25.0	23.4		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.2		ug/L		93	80 - 122
Bromoform	25.0	25.5		ug/L		102	52 - 132
Bromomethane	25.0	21.0		ug/L		84	55 - 144
Carbon disulfide	25.0	20.0		ug/L		80	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		86	72 - 134
Chlorobenzene	25.0	24.1		ug/L		96	72 - 120
Chloroethane	25.0	21.8		ug/L		87	69 - 136
Chloroform	25.0	22.6		ug/L		90	73 - 127
Chloromethane	25.0	19.7		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	23.1		ug/L		92	74 - 124
Cyclohexane	25.0	20.5		ug/L		82	59 - 135
Dibromochloromethane	24.5	24.6		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	18.4		ug/L		74	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	125	114		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	64 - 127
Methylcyclohexane	25.0	21.7		ug/L		87	61 - 138
Methylene Chloride	25.0	21.8		ug/L		87	57 - 132
Styrene	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	23.1		ug/L		93	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	22.5		ug/L		90	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	72 - 123
Trichloroethene	25.0	21.6		ug/L		86	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 152
Vinyl chloride	25.0	20.2		ug/L		81	65 - 133
Xylenes, Total	50.0	49.1		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Chlorophenol	ND		5.0	0.53	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Nitroaniline	ND		10	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
3-Nitroaniline	ND		10	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chloroaniline	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Methylphenol	ND		10	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Nitroaniline	ND		10	0.25	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Nitrophenol	ND		10	1.5	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acenaphthene	ND		5.0	0.41	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acetophenone	ND		5.0	0.54	ug/L		04/01/14 07:37	04/02/14 16:53	1
Aniline	ND		10	0.61	ug/L		04/01/14 07:37	04/02/14 16:53	1
Anthracene	ND		5.0	0.28	ug/L		04/01/14 07:37	04/02/14 16:53	1
Atrazine	ND		5.0	0.46	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzaldehyde	ND		5.0	0.27	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		04/01/14 07:37	04/02/14 16:53	1
Biphenyl	ND		5.0	0.65	ug/L		04/01/14 07:37	04/02/14 16:53	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/01/14 07:37	04/02/14 16:53	1
Butyl benzyl phthalate	0.457	J	5.0	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
Caprolactam	ND		5.0	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
Carbazole	ND		5.0	0.30	ug/L		04/01/14 07:37	04/02/14 16:53	1
Chrysene	ND		5.0	0.33	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dibenzofuran	ND		10	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Di-n-butyl phthalate	0.396	J	5.0	0.31	ug/L		04/01/14 07:37	04/02/14 16:53	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Fluoranthene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachloroethane	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Isophorone	ND		5.0	0.43	ug/L		04/01/14 07:37	04/02/14 16:53	1
Naphthalene	ND		5.0	0.76	ug/L		04/01/14 07:37	04/02/14 16:53	1
Nitrobenzene	ND		5.0	0.29	ug/L		04/01/14 07:37	04/02/14 16:53	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		04/01/14 07:37	04/02/14 16:53	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Pentachlorophenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
Phenanthrene	ND		5.0	0.44	ug/L		04/01/14 07:37	04/02/14 16:53	1
Phenol	ND		5.0	0.39	ug/L		04/01/14 07:37	04/02/14 16:53	1
Pyrene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 16:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 132*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
2-Fluorophenol	*51*		*20 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
Phenol-d5	*34*		*16 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
p-Terphenyl-d14	*103*		*67 - 150*	*04/01/14 07:37*	*04/02/14 16:53*	*1*

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	31.0		ug/L		97	65 - 126
2,4,6-Trichlorophenol	32.0	35.7		ug/L		111	64 - 120
2,4-Dichlorophenol	32.0	32.9		ug/L		103	64 - 120
2,4-Dimethylphenol	32.0	30.7		ug/L		96	57 - 120
2,4-Dinitrophenol	64.0	54.5		ug/L		85	42 - 153
2,4-Dinitrotoluene	32.0	34.4		ug/L		107	65 - 154
2,6-Dinitrotoluene	32.0	33.8		ug/L		106	74 - 134
2-Chloronaphthalene	32.0	32.2		ug/L		101	41 - 124
2-Chlorophenol	32.0	29.4		ug/L		92	48 - 120
2-Methylnaphthalene	32.0	41.2	*	ug/L		129	34 - 122
2-Methylphenol	32.0	27.6		ug/L		86	39 - 120
2-Nitroaniline	32.0	38.1		ug/L		119	67 - 136
2-Nitrophenol	32.0	30.6		ug/L		96	59 - 120
3,3'-Dichlorobenzidine	32.0	30.0		ug/L		94	33 - 140
3-Nitroaniline	32.0	18.4		ug/L		57	28 - 86
4,6-Dinitro-2-methylphenol	64.0	64.0		ug/L		100	64 - 159
4-Bromophenyl phenyl ether	32.0	34.0		ug/L		106	71 - 126
4-Chloro-3-methylphenol	32.0	36.5		ug/L		114	64 - 120
4-Chloroaniline	32.0	14.4		ug/L		45	10 - 77

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorophenyl phenyl ether	32.0	32.5		ug/L		102	71 - 122
4-Methylphenol	32.0	28.5		ug/L		89	39 - 120
4-Nitroaniline	32.0	29.6		ug/L		93	47 - 113
4-Nitrophenol	64.0	42.3		ug/L		66	16 - 120
Acenaphthene	32.0	32.5		ug/L		102	60 - 120
Acenaphthylene	32.0	31.2		ug/L		97	63 - 120
Acetophenone	32.0	32.5		ug/L		102	45 - 120
Aniline	32.0	13.0		ug/L		40	37 - 120
Anthracene	32.0	32.8		ug/L		102	58 - 148
Atrazine	32.0	33.3		ug/L		104	56 - 179
Benzaldehyde	32.0	17.8		ug/L		55	30 - 140
Benzo(a)anthracene	32.0	33.6		ug/L		105	55 - 151
Benzo(a)pyrene	32.0	32.6		ug/L		102	60 - 145
Benzo(b)fluoranthene	32.0	35.4		ug/L		111	54 - 140
Benzo(g,h,i)perylene	32.0	32.6		ug/L		102	66 - 152
Benzo(k)fluoranthene	32.0	34.9		ug/L		109	51 - 153
Biphenyl	32.0	33.4		ug/L		104	30 - 140
bis (2-chloroisopropyl) ether	32.0	31.2		ug/L		97	28 - 136
Bis(2-chloroethoxy)methane	32.0	32.9		ug/L		103	50 - 128
Bis(2-chloroethyl)ether	32.0	29.5		ug/L		92	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.7		ug/L		115	53 - 158
Butyl benzyl phthalate	32.0	37.2		ug/L		116	58 - 163
Caprolactam	32.0	4.86	J	ug/L		15	14 - 56
Carbazole	32.0	31.4		ug/L		98	59 - 148
Chrysene	32.0	34.3		ug/L		107	69 - 140
Dibenz(a,h)anthracene	32.0	33.4		ug/L		104	57 - 148
Dibenzofuran	32.0	32.2		ug/L		101	49 - 137
Diethyl phthalate	32.0	35.2		ug/L		110	59 - 146
Dimethyl phthalate	32.0	34.8		ug/L		109	59 - 141
Di-n-butyl phthalate	32.0	35.3		ug/L		110	58 - 149
Di-n-octyl phthalate	32.0	36.9		ug/L		115	55 - 167
Fluoranthene	32.0	32.7		ug/L		102	55 - 147
Fluorene	32.0	33.3		ug/L		104	55 - 143
Hexachlorobenzene	32.0	35.1	*	ug/L		110	14 - 108
Hexachlorobutadiene	32.0	28.1		ug/L		88	14 - 108
Hexachlorocyclopentadiene	32.0	18.1		ug/L		57	13 - 119
Hexachloroethane	32.0	30.7		ug/L		96	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	40.7		ug/L		127	69 - 146
Isophorone	32.0	36.1		ug/L		113	48 - 133
Naphthalene	32.0	29.9		ug/L		94	35 - 117
Nitrobenzene	32.0	42.2	*	ug/L		132	45 - 123
N-Nitrosodi-n-propylamine	32.0	35.4		ug/L		111	56 - 120
N-Nitrosodiphenylamine	32.0	35.0		ug/L		109	25 - 125
Pentachlorophenol	64.0	58.0		ug/L		91	39 - 136
Phenanthrene	32.0	33.7		ug/L		105	57 - 147
Phenol	32.0	20.1		ug/L		63	17 - 120
Pyrene	32.0	37.0		ug/L		116	58 - 136

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	*116*		*52 - 132*
2-Fluorobiphenyl	*96*		*48 - 120*
2-Fluorophenol	*73*		*20 - 120*
Nitrobenzene-d5	*99*		*46 - 120*
Phenol-d5	*66*		*16 - 120*
p-Terphenyl-d14	*110*		*67 - 150*

Lab Sample ID: 480-56840-5 MS
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC Area B RFI-28 MS 0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		29.9	27.5		ug/L		92	65 - 126
2,4,6-Trichlorophenol	ND		29.9	30.6		ug/L		103	64 - 120
2,4-Dichlorophenol	ND		29.9	28.3		ug/L		95	64 - 120
2,4-Dimethylphenol	ND		29.9	29.9		ug/L		100	57 - 120
2,4-Dinitrophenol	ND		59.7	48.1		ug/L		81	42 - 153
2,4-Dinitrotoluene	ND		29.9	28.3		ug/L		95	62 - 148
2,6-Dinitrotoluene	ND		29.9	29.0		ug/L		97	65 - 154
2-Chloronaphthalene	ND		29.9	26.9		ug/L		90	41 - 124
2-Chlorophenol	ND		29.9	23.8		ug/L		80	48 - 120
2-Methylnaphthalene	ND	*	29.9	35.1		ug/L		118	34 - 122
2-Methylphenol	ND		29.9	23.1		ug/L		77	39 - 120
2-Nitroaniline	ND		29.9	29.4		ug/L		98	67 - 136
2-Nitrophenol	ND		29.9	25.1		ug/L		84	59 - 120
3,3'-Dichlorobenzidine	ND		29.9	24.8		ug/L		83	33 - 140
3-Nitroaniline	ND		29.9	21.7		ug/L		73	69 - 129
4,6-Dinitro-2-methylphenol	ND		59.7	57.5		ug/L		96	64 - 159
4-Bromophenyl phenyl ether	ND		29.9	28.3		ug/L		95	71 - 126
4-Chloro-3-methylphenol	ND		29.9	31.3		ug/L		105	64 - 120
4-Chloroaniline	2.4	J	29.9	25.2		ug/L		76	60 - 124
4-Chlorophenyl phenyl ether	ND		29.9	27.1		ug/L		91	48 - 145
4-Methylphenol	ND		29.9	23.2		ug/L		78	36 - 120
4-Nitroaniline	ND		29.9	24.2		ug/L		81	64 - 135
4-Nitrophenol	ND		59.7	46.8		ug/L		78	16 - 120
Acenaphthene	ND		29.9	27.7		ug/L		93	60 - 120
Acenaphthylene	ND		29.9	26.5		ug/L		89	63 - 120
Acetophenone	ND		29.9	26.5		ug/L		89	45 - 120
Aniline	2.6	J	29.9	20.3		ug/L		59	37 - 120
Anthracene	ND		29.9	26.8		ug/L		90	58 - 148
Atrazine	ND		29.9	23.0		ug/L		77	56 - 179
Benzaldehyde	ND		29.9	9.58		ug/L		32	30 - 140
Benzo(a)anthracene	ND		29.9	20.5		ug/L		69	55 - 151
Benzo(a)pyrene	ND		29.9	16.7	F1	ug/L		56	60 - 145
Benzo(b)fluoranthene	ND		29.9	16.8		ug/L		56	54 - 140
Benzo(g,h,i)perylene	ND		29.9	14.0	F1	ug/L		47	66 - 152
Benzo(k)fluoranthene	ND		29.9	16.5		ug/L		55	51 - 153
Biphenyl	ND		29.9	28.2		ug/L		94	30 - 140

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-56840-5 MS
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC Area B RFI-28 MS 0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	ND		29.9	24.9		ug/L		83	28 - 136
Bis(2-chloroethoxy)methane	ND		29.9	27.1		ug/L		91	50 - 128
Bis(2-chloroethyl)ether	ND		29.9	23.5		ug/L		79	51 - 120
Bis(2-ethylhexyl) phthalate	ND		29.9	16.5		ug/L		55	53 - 158
Butyl benzyl phthalate	0.39	J B	29.9	27.9		ug/L		93	58 - 163
Caprolactam	ND		29.9	4.75	F1	ug/L		16	30 - 140
Carbazole	ND		29.9	28.6		ug/L		96	59 - 148
Chrysene	ND		29.9	18.4	F1	ug/L		62	69 - 140
Dibenz(a,h)anthracene	ND		29.9	13.6	F1	ug/L		46	57 - 158
Dibenzofuran	ND		29.9	27.5		ug/L		92	49 - 137
Diethyl phthalate	ND		29.9	30.1		ug/L		101	59 - 146
Dimethyl phthalate	ND		29.9	29.6		ug/L		99	59 - 141
Di-n-butyl phthalate	ND		29.9	27.3		ug/L		91	58 - 149
Di-n-octyl phthalate	ND		29.9	16.6		ug/L		56	55 - 167
Fluoranthene	ND		29.9	25.7		ug/L		86	55 - 147
Fluorene	ND		29.9	28.3		ug/L		95	55 - 143
Hexachlorobenzene	ND	*	29.9	25.7		ug/L		86	38 - 131
Hexachlorobutadiene	ND		29.9	24.2		ug/L		81	14 - 108
Hexachlorocyclopentadiene	ND		29.9	18.2		ug/L		61	13 - 119
Hexachloroethane	ND		29.9	24.7		ug/L		83	14 - 101
Indeno(1,2,3-cd)pyrene	ND		29.9	17.6	F1	ug/L		59	69 - 146
Isophorone	ND		29.9	30.2		ug/L		101	48 - 133
Naphthalene	ND		29.9	25.5		ug/L		86	35 - 117
Nitrobenzene	ND	*	29.9	35.4		ug/L		119	45 - 123
N-Nitrosodi-n-propylamine	ND		29.9	28.9		ug/L		97	56 - 120
N-Nitrosodiphenylamine	2.3	J	29.9	35.6		ug/L		112	25 - 125
Pentachlorophenol	ND		59.7	56.7		ug/L		95	39 - 136
Phenanthrene	ND		29.9	28.3		ug/L		95	57 - 147
Phenol	ND		29.9	15.1		ug/L		50	17 - 120
Pyrene	ND		29.9	29.0		ug/L		97	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*112*		*52 - 132*
2-Fluorobiphenyl	*90*		*48 - 120*
2-Fluorophenol	*60*		*20 - 120*
Nitrobenzene-d5	*89*		*46 - 120*
Phenol-d5	*54*		*16 - 120*
p-Terphenyl-d14	*61*	*X*	*67 - 150*

Lab Sample ID: 480-56840-5 MSD
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC Area B RFI-28 MSD 0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		29.9	26.1		ug/L		87	65 - 126	5	18
2,4,6-Trichlorophenol	ND		29.9	31.4		ug/L		105	64 - 120	2	19
2,4-Dichlorophenol	ND		29.9	28.6		ug/L		96	64 - 120	1	19
2,4-Dimethylphenol	ND		29.9	30.4		ug/L		102	57 - 120	1	42

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-56840-5 MSD
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC Area B RFI-28 MSD 0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		59.7	47.1		ug/L		79	42 - 153	2	22
2,4-Dinitrotoluene	ND		29.9	29.2		ug/L		98	62 - 148	3	20
2,6-Dinitrotoluene	ND		29.9	29.2		ug/L		98	65 - 154	1	15
2-Chloronaphthalene	ND		29.9	27.4		ug/L		92	41 - 124	2	21
2-Chlorophenol	ND		29.9	24.6		ug/L		82	48 - 120	3	25
2-Methylnaphthalene	ND	*	29.9	35.7		ug/L		119	34 - 122	2	21
2-Methylphenol	ND		29.9	24.1		ug/L		81	39 - 120	4	27
2-Nitroaniline	ND		29.9	30.1		ug/L		101	67 - 136	3	15
2-Nitrophenol	ND		29.9	25.9		ug/L		87	59 - 120	3	18
3,3'-Dichlorobenzidine	ND		29.9	31.4		ug/L		105	33 - 140	24	25
3-Nitroaniline	ND		29.9	22.4		ug/L		75	69 - 129	3	19
4,6-Dinitro-2-methylphenol	ND		59.7	57.2		ug/L		96	64 - 159	1	15
4-Bromophenyl phenyl ether	ND		29.9	29.1		ug/L		97	71 - 126	3	15
4-Chloro-3-methylphenol	ND		29.9	31.3		ug/L		105	64 - 120	0	27
4-Chloroaniline	2.4	J	29.9	27.0		ug/L		82	60 - 124	7	22
4-Chlorophenyl phenyl ether	ND		29.9	28.4		ug/L		95	48 - 145	5	16
4-Methylphenol	ND		29.9	24.4		ug/L		82	36 - 120	5	24
4-Nitroaniline	ND		29.9	24.1		ug/L		81	64 - 135	1	24
4-Nitrophenol	ND		59.7	43.3		ug/L		72	16 - 120	8	48
Acenaphthene	ND		29.9	28.3		ug/L		95	60 - 120	2	24
Acenaphthylene	ND		29.9	27.0		ug/L		90	63 - 120	2	18
Acetophenone	ND		29.9	27.0		ug/L		90	45 - 120	2	20
Aniline	2.6	J	29.9	23.7		ug/L		71	37 - 120	16	30
Anthracene	ND		29.9	29.3		ug/L		98	58 - 148	9	15
Atrazine	ND		29.9	23.3		ug/L		78	56 - 179	1	20
Benzaldehyde	ND		29.9	10.4		ug/L		35	30 - 140	8	20
Benzo(a)anthracene	ND		29.9	19.7		ug/L		66	55 - 151	4	15
Benzo(a)pyrene	ND		29.9	17.1	F1	ug/L		57	60 - 145	2	15
Benzo(b)fluoranthene	ND		29.9	17.0		ug/L		57	54 - 140	1	15
Benzo(g,h,i)perylene	ND		29.9	13.7	F1	ug/L		46	66 - 152	2	15
Benzo(k)fluoranthene	ND		29.9	16.3		ug/L		55	51 - 153	1	22
Biphenyl	ND		29.9	29.6		ug/L		99	30 - 140	5	20
bis (2-chloroisopropyl) ether	ND		29.9	26.0		ug/L		87	28 - 136	5	24
Bis(2-chloroethoxy)methane	ND		29.9	27.5		ug/L		92	50 - 128	2	17
Bis(2-chloroethyl)ether	ND		29.9	24.2		ug/L		81	51 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		29.9	14.9	F1	ug/L		50	53 - 158	10	15
Butyl benzyl phthalate	0.39	J B	29.9	26.9		ug/L		90	58 - 163	3	16
Caprolactam	ND		29.9	6.92	F1 F2	ug/L		23	30 - 140	37	20
Carbazole	ND		29.9	29.9		ug/L		100	59 - 148	4	20
Chrysene	ND		29.9	17.8	F1	ug/L		59	69 - 140	4	15
Dibenz(a,h)anthracene	ND		29.9	12.8	F1	ug/L		43	57 - 158	6	15
Dibenzofuran	ND		29.9	28.2		ug/L		95	49 - 137	3	15
Diethyl phthalate	ND		29.9	31.2		ug/L		105	59 - 146	4	15
Dimethyl phthalate	ND		29.9	30.5		ug/L		102	59 - 141	3	15
Di-n-butyl phthalate	ND		29.9	28.4		ug/L		95	58 - 149	4	15
Di-n-octyl phthalate	ND		29.9	15.5	F1	ug/L		52	55 - 167	7	16
Fluoranthene	ND		29.9	26.2		ug/L		88	55 - 147	2	15
Fluorene	ND		29.9	29.1		ug/L		97	55 - 143	3	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-56840-5 MSD
Matrix: Ground Water
Analysis Batch: 173429

Client Sample ID: BCC Area B RFI-28 MSD 0314
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobenzene	ND	*	29.9	26.5		ug/L		89	38 - 131	3	15
Hexachlorobutadiene	ND		29.9	24.4		ug/L		82	14 - 108	1	44
Hexachlorocyclopentadiene	ND		29.9	16.7		ug/L		56	13 - 119	9	49
Hexachloroethane	ND		29.9	25.3		ug/L		85	14 - 101	2	46
Indeno(1,2,3-cd)pyrene	ND		29.9	16.7	F1	ug/L		56	69 - 146	6	15
Isophorone	ND		29.9	30.8		ug/L		103	48 - 133	2	17
Naphthalene	ND		29.9	26.0		ug/L		87	35 - 117	2	29
Nitrobenzene	ND	*	29.9	35.9		ug/L		120	45 - 123	1	24
N-Nitrosodi-n-propylamine	ND		29.9	29.5		ug/L		99	56 - 120	2	31
N-Nitrosodiphenylamine	2.3	J	29.9	37.2		ug/L		117	25 - 125	4	15
Pentachlorophenol	ND		59.7	55.8		ug/L		93	39 - 136	2	37
Phenanthrene	ND		29.9	29.2		ug/L		98	57 - 147	3	15
Phenol	ND		29.9	15.7		ug/L		53	17 - 120	4	34
Pyrene	ND		29.9	27.8		ug/L		93	58 - 136	4	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*112*		*52 - 132*
2-Fluorobiphenyl	*91*		*48 - 120*
2-Fluorophenol	*63*		*20 - 120*
Nitrobenzene-d5	*91*		*46 - 120*
Phenol-d5	*56*		*16 - 120*
p-Terphenyl-d14	*56*	*X*	*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-172757/1-A
Matrix: Water
Analysis Batch: 173348

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:17	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:17	1
Arsenic	ND		0.015	0.0056	mg/L		03/31/14 09:45	04/01/14 23:17	1
Barium	ND		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:17	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:17	1
Cadmium	ND		0.0020	0.00050	mg/L		03/31/14 09:45	04/01/14 23:17	1
Calcium	ND		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:17	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:17	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:17	1
Copper	ND		0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:17	1
Iron	ND		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:17	1
Lead	ND		0.010	0.0030	mg/L		03/31/14 09:45	04/01/14 23:17	1
Magnesium	ND		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:17	1
Manganese	ND		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:17	1
Nickel	ND		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:17	1
Potassium	0.182	J	0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:17	1
Selenium	ND		0.025	0.0087	mg/L		03/31/14 09:45	04/01/14 23:17	1
Silver	ND		0.0060	0.0017	mg/L		03/31/14 09:45	04/01/14 23:17	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-172757/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 173348 — **Prep Batch: 172757**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:17	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:17	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:17	1
Zinc	ND		0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:17	1

Lab Sample ID: LCS 480-172757/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 173348 — **Prep Batch: 172757**

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	0.194		mg/L		97	80 - 120
Arsenic	0.200	0.201		mg/L		101	80 - 120
Barium	0.200	0.199		mg/L		100	80 - 120
Beryllium	0.200	0.196		mg/L		98	80 - 120
Cadmium	0.200	0.191		mg/L		95	80 - 120
Calcium	10.0	9.45		mg/L		95	80 - 120
Chromium	0.200	0.195		mg/L		97	80 - 120
Cobalt	0.200	0.189		mg/L		95	80 - 120
Copper	0.200	0.193		mg/L		96	80 - 120
Iron	10.0	9.42		mg/L		94	80 - 120
Lead	0.200	0.191		mg/L		96	80 - 120
Magnesium	10.0	9.85		mg/L		98	80 - 120
Manganese	0.200	0.195		mg/L		98	80 - 120
Nickel	0.200	0.189		mg/L		94	80 - 120
Potassium	10.0	9.79		mg/L		98	80 - 120
Selenium	0.200	0.193		mg/L		97	80 - 120
Silver	0.0500	0.0468		mg/L		94	80 - 120
Sodium	10.0	9.61		mg/L		96	80 - 120
Thallium	0.200	0.193		mg/L		96	80 - 120
Vanadium	0.200	0.193		mg/L		96	80 - 120
Zinc	0.200	0.193		mg/L		96	80 - 120

Lab Sample ID: 480-56840-5 MS — **Client Sample ID: BCC Area B RFI-28 MS 0314**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 173348 — **Prep Batch: 172757**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.08		mg/L		101	75 - 125
Antimony	ND		0.200	0.203		mg/L		101	75 - 125
Arsenic	0.040		0.200	0.255		mg/L		108	75 - 125
Barium	0.015		0.200	0.209		mg/L		97	75 - 125
Beryllium	ND		0.200	0.203		mg/L		101	75 - 125
Cadmium	ND		0.200	0.203		mg/L		101	75 - 125
Calcium	250		10.0	258.6	4	mg/L		85	75 - 125
Chromium	0.0055		0.200	0.198		mg/L		96	75 - 125
Cobalt	ND		0.200	0.202		mg/L		101	75 - 125
Copper	0.0021	J	0.200	0.202		mg/L		100	75 - 125
Iron	0.13		10.0	9.62		mg/L		95	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-56840-5 MS — **Client Sample ID: BCC Area B RFI-28 MS 0314**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 173348 — **Prep Batch: 172757**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		0.200	0.199		mg/L		99	75 - 125
Magnesium	21.3		10.0	30.78		mg/L		95	75 - 125
Manganese	0.23		0.200	0.424		mg/L		96	75 - 125
Nickel	0.0019	J	0.200	0.200		mg/L		99	75 - 125
Potassium	6.9	B	10.0	17.26		mg/L		103	75 - 125
Selenium	ND		0.200	0.217		mg/L		109	75 - 125
Silver	ND		0.0500	0.0488		mg/L		98	75 - 125
Sodium	360		10.0	371.5	4	mg/L		114	75 - 125
Thallium	ND		0.200	0.194		mg/L		97	75 - 125
Vanadium	0.015		0.200	0.212		mg/L		99	75 - 125
Zinc	ND		0.200	0.196		mg/L		98	75 - 125

Lab Sample ID: 480-56840-5 MSD — **Client Sample ID: BCC Area B RFI-28 MSD 0314**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 173348 — **Prep Batch: 172757**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.21		mg/L		102	75 - 125	1	20
Antimony	ND		0.200	0.204		mg/L		102	75 - 125	0	20
Arsenic	0.040		0.200	0.258		mg/L		109	75 - 125	1	20
Barium	0.015		0.200	0.211		mg/L		98	75 - 125	1	20
Beryllium	ND		0.200	0.205		mg/L		102	75 - 125	1	20
Cadmium	ND		0.200	0.204		mg/L		102	75 - 125	1	20
Calcium	250		10.0	256.8	4	mg/L		67	75 - 125	1	20
Chromium	0.0055		0.200	0.201		mg/L		98	75 - 125	1	20
Cobalt	ND		0.200	0.205		mg/L		102	75 - 125	2	20
Copper	0.0021	J	0.200	0.204		mg/L		101	75 - 125	1	20
Iron	0.13		10.0	9.70	^	mg/L		96	75 - 125	1	20
Lead	ND		0.200	0.203		mg/L		102	75 - 125	2	20
Magnesium	21.3		10.0	31.01		mg/L		97	75 - 125	1	20
Manganese	0.23		0.200	0.427		mg/L		97	75 - 125	1	20
Nickel	0.0019	J	0.200	0.203		mg/L		101	75 - 125	2	20
Potassium	6.9	B	10.0	17.31		mg/L		104	75 - 125	0	20
Selenium	ND		0.200	0.216		mg/L		108	75 - 125	1	20
Silver	ND		0.0500	0.0501		mg/L		100	75 - 125	3	20
Sodium	360		10.0	373.7	4	mg/L		136	75 - 125	1	20
Thallium	ND		0.200	0.195		mg/L		97	75 - 125	0	20
Vanadium	0.015		0.200	0.214		mg/L		100	75 - 125	1	20
Zinc	ND		0.200	0.199		mg/L		99	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-172778/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 172965 — **Prep Batch: 172778**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:35	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-172778/2-A
Matrix: Water
Analysis Batch: 172965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172778

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00630		mg/L		94	80 - 120		

Lab Sample ID: LCSD 480-172778/3-A
Matrix: Water
Analysis Batch: 172965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172778

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.00667	0.00645		mg/L		97	80 - 120	2	20

Lab Sample ID: 480-56840-5 MS
Matrix: Ground Water
Analysis Batch: 172965

Client Sample ID: BCC Area B RFI-28 MS 0314
Prep Type: Total/NA
Prep Batch: 172778

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	75 - 125		

Lab Sample ID: 480-56840-5 MSD
Matrix: Ground Water
Analysis Batch: 172965

Client Sample ID: BCC Area B RFI-28 MSD 0314
Prep Type: Total/NA
Prep Batch: 172778

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00677		mg/L		101	75 - 125	1	20

GC/MS VOA

Analysis Batch: 173758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	8260C	
480-56840-2	BCC Area B RFI-27 0314	Total/NA	Ground Water	8260C	
480-56840-4	BCC Area B RFI-30 0314	Total/NA	Ground Water	8260C	
480-56840-6	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-173758/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173758/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 173902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-5	BCC Area B RFI-28 0314	Total/NA	Ground Water	8260C	
480-56840-5 MS	BCC Area B RFI-28 MS 0314	Total/NA	Ground Water	8260C	
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	Total/NA	Ground Water	8260C	
LCS 480-173902/56	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173902/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 174114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-2 - DL	BCC Area B RFI-27 0314	Total/NA	Ground Water	8260C	
480-56840-3	BCC Area B RFI-28D 0314	Total/NA	Ground Water	8260C	
LCS 480-174114/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-174114/8	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 173059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	3510C	
480-56840-2	BCC Area B RFI-27 0314	Total/NA	Ground Water	3510C	
480-56840-3	BCC Area B RFI-28D 0314	Total/NA	Ground Water	3510C	
480-56840-4	BCC Area B RFI-30 0314	Total/NA	Ground Water	3510C	
480-56840-5	BCC Area B RFI-28 0314	Total/NA	Ground Water	3510C	
480-56840-5 MS	BCC Area B RFI-28 MS 0314	Total/NA	Ground Water	3510C	
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	Total/NA	Ground Water	3510C	
LCS 480-173059/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-173059/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 173429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	8270D	173059
480-56840-2	BCC Area B RFI-27 0314	Total/NA	Ground Water	8270D	173059
480-56840-3	BCC Area B RFI-28D 0314	Total/NA	Ground Water	8270D	173059
480-56840-4	BCC Area B RFI-30 0314	Total/NA	Ground Water	8270D	173059
480-56840-5	BCC Area B RFI-28 0314	Total/NA	Ground Water	8270D	173059
480-56840-5 MS	BCC Area B RFI-28 MS 0314	Total/NA	Ground Water	8270D	173059
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	Total/NA	Ground Water	8270D	173059
LCS 480-173059/2-A	Lab Control Sample	Total/NA	Water	8270D	173059
MB 480-173059/1-A	Method Blank	Total/NA	Water	8270D	173059

Metals

Prep Batch: 172757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	3005A	
480-56840-2	BCC Area B RFI-27 0314	Total/NA	Ground Water	3005A	
480-56840-3	BCC Area B RFI-28D 0314	Total/NA	Ground Water	3005A	
480-56840-4	BCC Area B RFI-30 0314	Total/NA	Ground Water	3005A	
480-56840-5	BCC Area B RFI-28 0314	Total/NA	Ground Water	3005A	
480-56840-5 MS	BCC Area B RFI-28 MS 0314	Total/NA	Ground Water	3005A	
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	Total/NA	Ground Water	3005A	
LCS 480-172757/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-172757/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 172778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	7470A	
480-56840-2	BCC Area B RFI-27 0314	Total/NA	Ground Water	7470A	
480-56840-3	BCC Area B RFI-28D 0314	Total/NA	Ground Water	7470A	
480-56840-4	BCC Area B RFI-30 0314	Total/NA	Ground Water	7470A	
480-56840-5	BCC Area B RFI-28 0314	Total/NA	Ground Water	7470A	
480-56840-5 MS	BCC Area B RFI-28 MS 0314	Total/NA	Ground Water	7470A	
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	Total/NA	Ground Water	7470A	
LCS 480-172778/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 480-172778/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 480-172778/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 172965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	7470A	172778
480-56840-2	BCC Area B RFI-27 0314	Total/NA	Ground Water	7470A	172778
480-56840-3	BCC Area B RFI-28D 0314	Total/NA	Ground Water	7470A	172778
480-56840-4	BCC Area B RFI-30 0314	Total/NA	Ground Water	7470A	172778
480-56840-5	BCC Area B RFI-28 0314	Total/NA	Ground Water	7470A	172778
480-56840-5 MS	BCC Area B RFI-28 MS 0314	Total/NA	Ground Water	7470A	172778
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	Total/NA	Ground Water	7470A	172778
LCS 480-172778/2-A	Lab Control Sample	Total/NA	Water	7470A	172778
LCSD 480-172778/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	172778
MB 480-172778/1-A	Method Blank	Total/NA	Water	7470A	172778

Analysis Batch: 173348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	6010C	172757
480-56840-2	BCC Area B RFI-27 0314	Total/NA	Ground Water	6010C	172757
480-56840-3	BCC Area B RFI-28D 0314	Total/NA	Ground Water	6010C	172757
480-56840-4	BCC Area B RFI-30 0314	Total/NA	Ground Water	6010C	172757
480-56840-5	BCC Area B RFI-28 0314	Total/NA	Ground Water	6010C	172757
480-56840-5 MS	BCC Area B RFI-28 MS 0314	Total/NA	Ground Water	6010C	172757
480-56840-5 MSD	BCC Area B RFI-28 MSD 0314	Total/NA	Ground Water	6010C	172757
LCS 480-172757/2-A	Lab Control Sample	Total/NA	Water	6010C	172757
MB 480-172757/1-A	Method Blank	Total/NA	Water	6010C	172757

Analysis Batch: 173879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56840-1	BCC Area B RFI-18 0314	Total/NA	Ground Water	6010C	172757

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area B Wells

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-18 0314

Lab Sample ID: 480-56840-1

Date Collected: 03/27/14 20:50

Matrix: Ground Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173758	04/04/14 08:40	LCH	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 19:17	AR1	TAL BUF
Total/NA	Prep	3005A			172757	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173348	04/01/14 23:31	HTL	TAL BUF
Total/NA	Prep	3005A			172757	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		5	173879	04/03/14 14:04	HTL	TAL BUF
Total/NA	Prep	7470A			172778	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A		1	172965	03/31/14 13:41	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-27 0314

Lab Sample ID: 480-56840-2

Date Collected: 03/27/14 17:12

Matrix: Ground Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173758	04/04/14 09:05	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	10	174114	04/07/14 05:41	TRB	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 19:41	AR1	TAL BUF
Total/NA	Prep	3005A			172757	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173348	04/01/14 23:34	HTL	TAL BUF
Total/NA	Prep	7470A			172778	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A		1	172965	03/31/14 13:43	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-28D 0314

Lab Sample ID: 480-56840-3

Date Collected: 03/27/14 19:46

Matrix: Ground Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	174114	04/07/14 06:05	TRB	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 20:05	AR1	TAL BUF
Total/NA	Prep	3005A			172757	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173348	04/01/14 23:37	HTL	TAL BUF
Total/NA	Prep	7470A			172778	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A		1	172965	03/31/14 13:44	LRK	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area B Wells

TestAmerica Job ID: 480-56840-1

Client Sample ID: BCC Area B RFI-30 0314

Lab Sample ID: 480-56840-4

Date Collected: 03/27/14 18:47

Matrix: Ground Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173758	04/04/14 09:55	LCH	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 20:29	AR1	TAL BUF
Total/NA	Prep	3005A			172757	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173348	04/01/14 23:40	HTL	TAL BUF
Total/NA	Prep	7470A			172778	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A		1	172965	03/31/14 13:46	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-28 0314

Lab Sample ID: 480-56840-5

Date Collected: 03/27/14 19:46

Matrix: Ground Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	173902	04/04/14 16:15	NQN	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 20:53	AR1	TAL BUF
Total/NA	Prep	3005A			172757	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173348	04/01/14 23:42	HTL	TAL BUF
Total/NA	Prep	7470A			172778	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A		1	172965	03/31/14 13:48	LRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-56840-6

Date Collected: 03/27/14 00:00

Matrix: Water

Date Received: 03/28/14 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173758	04/04/14 08:14	LCH	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: 480-56840-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	State Program	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14 *
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14 *
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14 *
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	03-31-14 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area B Wells

TestAmerica Job ID: 480-56840-1

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: 480-56840-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56840-1	BCC Area B RFI-18 0314	Ground Water	03/27/14 20:50	03/28/14 12:30
480-56840-2	BCC Area B RFI-27 0314	Ground Water	03/27/14 17:12	03/28/14 12:30
480-56840-3	BCC Area B RFI-28D 0314	Ground Water	03/27/14 19:46	03/28/14 12:30
480-56840-4	BCC Area B RFI-30 0314	Ground Water	03/27/14 18:47	03/28/14 12:30
480-56840-5	BCC Area B RFI-28 0314	Ground Water	03/27/14 19:46	03/28/14 12:30
480-56840-6	TRIP BLANK	Water	03/27/14 00:00	03/28/14 12:30

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 3/37/2014	COC No: BCC269236
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier:	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			SDG No.
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area B Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + aniline	Sample Specific Notes:
BCC_Area B_RFI-18_0314	3/27/14	20:50	G	W	6	N	3	1	2	
BCC_Area B_RFI-27_0314	3/27/14	17:12	G	W	6	N	3	1	2	
BCC_Area B_RFI-28_0314	3/27/14	19:46	G	W	5	N	3	1	1	
BCC_Area B_RFI-30_0314	3/27/14	18:47	G	W	6	N	3	1	2	
BCC_Area B_RFI-28D_0314	3/27/14	19:46	G	W	5	N	3	1	1	
BCC_Area B_RFI-28MS_0314	3/27/14	19:46	G	W	5	N	3	1	1	
BCC_Area B_RFI-28MSD_0314	3/27/14	19:46	G	W	5	N	3	1	1	
Trip Blank	N/A	N/A	N/A	N/A	2		2			
Container Volume (ml)							40	250	250	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

480-56840 Chain of Custody

Possible Hazard Identification
[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* [ ] *Poison B* [X] *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] *Return To Client* [X] *Disposal By Lab* [ ] *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	C	3/28/14 1230	[illegible]	TAB	3/28/14 1230
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 43

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-56840-1

Login Number: 56840

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OSC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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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: 480-62504-1
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: Andrew Madden

Authorized for release by:
7/29/2014 6:54:06 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

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.
*	LCS or LCSD exceeds the control limits
F1	MS and/or MSD Recovery exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery exceeds the control limits
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-62504-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-62504-1

Comments
No additional comments.

Receipt
The samples were received on 6/23/2014 4:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.6º C.

Except:

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): BCC Area B RFI-30F_0614 (480-62504-7)

GC/MS VOA
Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-28_0614 (480-62504-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27_0614 (480-62504-2), BCC Area B RFI-27_0614 (480-62504-2 MS), BCC Area B RFI-27_0614 (480-62504-2 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 190989 recovered above the upper control limit for several analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-190989/2).

Method(s) 8260C: The laboratory control sample (LCS) for batch 190989 recovered outside control limits for the following analyte: 4-Methyl-2-pentanone. 4-Methyl-2-pentanone has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: (480-62504-5 MS), (480-62504-5 MSD), BCC Area B RFI-27D_0614 (480-62504-5). 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: The large number of analytes included in the continuing calibration verification (CCV) in batch 194748 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method(s) 8270D: The method blank for batch 190158 contained several analytes above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8270D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 189675 recovered outside control limits for the following analytes: 3-nitroanaline and 4- nitroanaline. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: BCC Area B RFI-18_0614 (480-62504-1), BCC Area B RFI-27_0614 (480-62504-2), BCC Area B RFI-27D_0614 (480-62504-5), BCC Area B RFI-28_0614 (480-62504-3), BCC Area B RFI-30_0614 (480-62504-4). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 480-62504-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Metals

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-190526/16) recovered above the upper control limit for iron. The sample(s) (MB 480-189689/1-A) associated with this CCVL were either ND or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-18_0614 — Lab Sample ID: 480-62504-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.0	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	7.9	J	10	3.0	ug/L	1		8260C	Total/NA
2,6-Dinitrotoluene	9.8		4.9	0.39	ug/L	1		8270D	Total/NA
Aniline	1.5	J	9.7	0.59	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.21	J	4.9	0.21	ug/L	1		8270D	Total/NA
Aluminum	0.23		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.14		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	285		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0018	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0052	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.035	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	0.96		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0011	J	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	75.4		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0077	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-27_0614 — Lab Sample ID: 480-62504-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	680		10	3.6	ug/L	10		8260C	Total/NA
Trichloroethene	53		10	4.6	ug/L	10		8260C	Total/NA
2,6-Dinitrotoluene	0.87	J	4.8	0.38	ug/L	1		8270D	Total/NA
Benzaldehyde	0.28	J	4.8	0.25	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.21	J	4.8	0.21	ug/L	1		8270D	Total/NA
Phenol	0.40	J	4.8	0.37	ug/L	1		8270D	Total/NA
Aluminum	0.095	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.042		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	214		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.27		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.032		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.036		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.6		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	101		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.62		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	277		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0069	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28_0614 — Lab Sample ID: 480-62504-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	14		10	3.6	ug/L	10		8260C	Total/NA
4-Chloroaniline	2.2	J	4.8	0.56	ug/L	1		8270D	Total/NA
4-Methylphenol	0.42	J	9.5	0.34	ug/L	1		8270D	Total/NA
Aniline	5.6	J	9.5	0.58	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.23	J	4.8	0.21	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.49	J	4.8	0.29	ug/L	1		8270D	Total/NA
Fluoranthene	0.39	J	4.8	0.38	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area B RFI-28_0614 (Continued)

Lab Sample ID: 480-62504-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2.0		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.034		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00071	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	136		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.042		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.033		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.0		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.022		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	14.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.038		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	306		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.014		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.051		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30_0614

Lab Sample ID: 480-62504-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.31	J	4.8	0.25	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.22	J	4.8	0.21	ug/L	1		8270D	Total/NA
Phenol	0.41	J	4.8	0.37	ug/L	1		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.024		0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.0089	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.039		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00068	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	276		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	2.2		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.018		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.054		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	8.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0038	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	108		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.82		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.53		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	333		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.012		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.030		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-27D_0614

Lab Sample ID: 480-62504-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.69	J	1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	4.0		1.0	0.75	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	52		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area B RFI-27D_0614 (Continued) — Lab Sample ID: 480-62504-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene - DL	570		10	3.6	ug/L	10		8260C	Total/NA
2-Chlorophenol	0.58	J	4.8	0.51	ug/L	1		8270D	Total/NA
Benzaldehyde	0.42	J	4.8	0.26	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.22	J	4.8	0.21	ug/L	1		8270D	Total/NA
Phenol	2.4	J	4.8	0.37	ug/L	1		8270D	Total/NA
Aluminum	0.063	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.039		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	209		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.17		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.031		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.032		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0036	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	95.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.60		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	271		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0076	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-62504-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: BCC Area B RFI-30F_0614 — Lab Sample ID: 480-62504-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00068	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	263		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0018	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0073	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.029	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	110		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.46		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.43		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	318		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.020		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-18_0614
Date Collected: 06/23/14 11:50
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-1
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/02/14 15:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/02/14 15:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/02/14 15:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/02/14 15:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/02/14 15:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/02/14 15:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/02/14 15:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/02/14 15:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/02/14 15:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/02/14 15:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/02/14 15:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/02/14 15:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/02/14 15:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/02/14 15:51	1
2-Butanone (MEK)	**3.0**	**J**	10	1.3	ug/L			07/02/14 15:51	1
2-Hexanone	ND		5.0	1.2	ug/L			07/02/14 15:51	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			07/02/14 15:51	1
Acetone	**7.9**	**J**	10	3.0	ug/L			07/02/14 15:51	1
Benzene	ND		1.0	0.41	ug/L			07/02/14 15:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/02/14 15:51	1
Bromoform	ND		1.0	0.26	ug/L			07/02/14 15:51	1
Bromomethane	ND		1.0	0.69	ug/L			07/02/14 15:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/02/14 15:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/02/14 15:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/02/14 15:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/02/14 15:51	1
Chloroform	ND		1.0	0.34	ug/L			07/02/14 15:51	1
Chloromethane	ND		1.0	0.35	ug/L			07/02/14 15:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/02/14 15:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/02/14 15:51	1
Cyclohexane	ND		1.0	0.18	ug/L			07/02/14 15:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/02/14 15:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/02/14 15:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/02/14 15:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/02/14 15:51	1
Methyl acetate	ND		2.5	0.50	ug/L			07/02/14 15:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/02/14 15:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/02/14 15:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/02/14 15:51	1
Styrene	ND		1.0	0.73	ug/L			07/02/14 15:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/02/14 15:51	1
Toluene	ND		1.0	0.51	ug/L			07/02/14 15:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/02/14 15:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/02/14 15:51	1
Trichloroethene	ND		1.0	0.46	ug/L			07/02/14 15:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/02/14 15:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/02/14 15:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/02/14 15:51	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-18_0614
Date Collected: 06/23/14 11:50
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*07/02/14 15:51*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/02/14 15:51*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*07/02/14 15:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		06/25/14 07:41	07/27/14 22:16	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		06/25/14 07:41	07/27/14 22:16	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		06/25/14 07:41	07/27/14 22:16	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		06/25/14 07:41	07/27/14 22:16	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		06/25/14 07:41	07/27/14 22:16	1
2,4-Dinitrotoluene	ND		4.9	0.43	ug/L		06/25/14 07:41	07/27/14 22:16	1
2,6-Dinitrotoluene	**9.8**		4.9	0.39	ug/L		06/25/14 07:41	07/27/14 22:16	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		06/25/14 07:41	07/27/14 22:16	1
2-Chlorophenol	ND		4.9	0.52	ug/L		06/25/14 07:41	07/27/14 22:16	1
2-Methylnaphthalene	ND		4.9	0.58	ug/L		06/25/14 07:41	07/27/14 22:16	1
2-Methylphenol	ND		4.9	0.39	ug/L		06/25/14 07:41	07/27/14 22:16	1
2-Nitroaniline	ND		9.7	0.41	ug/L		06/25/14 07:41	07/27/14 22:16	1
2-Nitrophenol	ND		4.9	0.47	ug/L		06/25/14 07:41	07/27/14 22:16	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		06/25/14 07:41	07/27/14 22:16	1
3-Nitroaniline	ND	*	9.7	0.47	ug/L		06/25/14 07:41	07/27/14 22:16	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		06/25/14 07:41	07/27/14 22:16	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		06/25/14 07:41	07/27/14 22:16	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		06/25/14 07:41	07/27/14 22:16	1
4-Chloroaniline	ND		4.9	0.57	ug/L		06/25/14 07:41	07/27/14 22:16	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		06/25/14 07:41	07/27/14 22:16	1
4-Methylphenol	ND		9.7	0.35	ug/L		06/25/14 07:41	07/27/14 22:16	1
4-Nitroaniline	ND	*	9.7	0.24	ug/L		06/25/14 07:41	07/27/14 22:16	1
4-Nitrophenol	ND		9.7	1.5	ug/L		06/25/14 07:41	07/27/14 22:16	1
Acenaphthene	ND		4.9	0.40	ug/L		06/25/14 07:41	07/27/14 22:16	1
Acenaphthylene	ND		4.9	0.37	ug/L		06/25/14 07:41	07/27/14 22:16	1
Acetophenone	ND		4.9	0.53	ug/L		06/25/14 07:41	07/27/14 22:16	1
Aniline	**1.5**	**J**	9.7	0.59	ug/L		06/25/14 07:41	07/27/14 22:16	1
Anthracene	ND		4.9	0.27	ug/L		06/25/14 07:41	07/27/14 22:16	1
Atrazine	ND		4.9	0.45	ug/L		06/25/14 07:41	07/27/14 22:16	1
Benzaldehyde	ND		4.9	0.26	ug/L		06/25/14 07:41	07/27/14 22:16	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		06/25/14 07:41	07/27/14 22:16	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		06/25/14 07:41	07/27/14 22:16	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		06/25/14 07:41	07/27/14 22:16	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		06/25/14 07:41	07/27/14 22:16	1
Benzo(k)fluoranthene	ND		4.9	0.71	ug/L		06/25/14 07:41	07/27/14 22:16	1
Biphenyl	ND		4.9	0.63	ug/L		06/25/14 07:41	07/27/14 22:16	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		06/25/14 07:41	07/27/14 22:16	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		06/25/14 07:41	07/27/14 22:16	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		06/25/14 07:41	07/27/14 22:16	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		06/25/14 07:41	07/27/14 22:16	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		06/25/14 07:41	07/27/14 22:16	1
Caprolactam	ND		4.9	2.1	ug/L		06/25/14 07:41	07/27/14 22:16	1
Carbazole	ND		4.9	0.29	ug/L		06/25/14 07:41	07/27/14 22:16	1
Chrysene	ND		4.9	0.32	ug/L		06/25/14 07:41	07/27/14 22:16	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-18_0614
Date Collected: 06/23/14 11:50
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-1
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		06/25/14 07:41	07/27/14 22:16	1
Dibenzofuran	ND		9.7	0.50	ug/L		06/25/14 07:41	07/27/14 22:16	1
Diethyl phthalate	**0.21**	**J**	4.9	0.21	ug/L		06/25/14 07:41	07/27/14 22:16	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		06/25/14 07:41	07/27/14 22:16	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		06/25/14 07:41	07/27/14 22:16	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		06/25/14 07:41	07/27/14 22:16	1
Fluoranthene	ND		4.9	0.39	ug/L		06/25/14 07:41	07/27/14 22:16	1
Fluorene	ND		4.9	0.35	ug/L		06/25/14 07:41	07/27/14 22:16	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		06/25/14 07:41	07/27/14 22:16	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		06/25/14 07:41	07/27/14 22:16	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		06/25/14 07:41	07/27/14 22:16	1
Hexachloroethane	ND		4.9	0.57	ug/L		06/25/14 07:41	07/27/14 22:16	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		06/25/14 07:41	07/27/14 22:16	1
Isophorone	ND		4.9	0.42	ug/L		06/25/14 07:41	07/27/14 22:16	1
Naphthalene	ND		4.9	0.74	ug/L		06/25/14 07:41	07/27/14 22:16	1
Nitrobenzene	ND		4.9	0.28	ug/L		06/25/14 07:41	07/27/14 22:16	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		06/25/14 07:41	07/27/14 22:16	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		06/25/14 07:41	07/27/14 22:16	1
Pentachlorophenol	ND		9.7	2.1	ug/L		06/25/14 07:41	07/27/14 22:16	1
Phenanthrene	ND		4.9	0.43	ug/L		06/25/14 07:41	07/27/14 22:16	1
Phenol	ND		4.9	0.38	ug/L		06/25/14 07:41	07/27/14 22:16	1
Pyrene	ND		4.9	0.33	ug/L		06/25/14 07:41	07/27/14 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*133*	*X*	*52 - 132*	*06/25/14 07:41*	*07/27/14 22:16*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*06/25/14 07:41*	*07/27/14 22:16*	*1*
2-Fluorophenol	*90*		*20 - 120*	*06/25/14 07:41*	*07/27/14 22:16*	*1*
Nitrobenzene-d5	*96*		*46 - 120*	*06/25/14 07:41*	*07/27/14 22:16*	*1*
Phenol-d5	*67*		*16 - 120*	*06/25/14 07:41*	*07/27/14 22:16*	*1*
p-Terphenyl-d14	*98*		*67 - 150*	*06/25/14 07:41*	*07/27/14 22:16*	*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		06/25/14 09:55	06/26/14 12:12	1
Antimony	ND		0.020	0.0068	mg/L		06/25/14 09:55	06/26/14 12:12	1
Arsenic	ND		0.015	0.0056	mg/L		06/25/14 09:55	06/26/14 12:12	1
Barium	**0.14**		0.0020	0.00070	mg/L		06/25/14 09:55	06/26/14 12:12	1
Beryllium	ND		0.0020	0.00030	mg/L		06/25/14 09:55	06/26/14 12:12	1
Cadmium	ND		0.0020	0.00050	mg/L		06/25/14 09:55	06/26/14 12:12	1
Calcium	**285**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:12	1
Chromium	**0.0018**	**J**	0.0040	0.0010	mg/L		06/25/14 09:55	06/26/14 12:12	1
Cobalt	ND		0.0040	0.00063	mg/L		06/25/14 09:55	06/26/14 12:12	1
Copper	**0.0052**	**J**	0.010	0.0016	mg/L		06/25/14 09:55	06/26/14 12:12	1
Iron	**0.035**	**J**	0.050	0.019	mg/L		06/25/14 09:55	06/26/14 12:12	1
Lead	ND		0.010	0.0030	mg/L		06/25/14 09:55	06/26/14 12:12	1
Magnesium	**0.96**		0.20	0.043	mg/L		06/25/14 09:55	06/26/14 12:12	1
Manganese	**0.0011**	**J**	0.0030	0.00040	mg/L		06/25/14 09:55	06/26/14 12:12	1
Nickel	ND		0.010	0.0013	mg/L		06/25/14 09:55	06/26/14 12:12	1
Potassium	**3.4**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:12	1
Selenium	ND		0.025	0.0087	mg/L		06/25/14 09:55	06/26/14 12:12	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-18_0614
Date Collected: 06/23/14 11:50
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-1
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/25/14 09:55	06/26/14 12:12	1
Sodium	**75.4**		1.0	0.32	mg/L		06/25/14 09:55	06/26/14 12:12	1
Thallium	ND		0.020	0.010	mg/L		06/25/14 09:55	06/26/14 12:12	1
Vanadium	ND		0.0050	0.0015	mg/L		06/25/14 09:55	06/26/14 12:12	1
Zinc	**0.0077**	**J**	0.010	0.0015	mg/L		06/25/14 09:55	06/26/14 12:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/14 12:05	06/25/14 15:09	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-27_0614
Date Collected: 06/23/14 08:45
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-2
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/02/14 16:15	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/02/14 16:15	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/02/14 16:15	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/02/14 16:15	10
1,1-Dichloroethane	ND		10	3.8	ug/L			07/02/14 16:15	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/02/14 16:15	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/02/14 16:15	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/02/14 16:15	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/02/14 16:15	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/02/14 16:15	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/02/14 16:15	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/02/14 16:15	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/02/14 16:15	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/02/14 16:15	10
2-Butanone (MEK)	ND		100	13	ug/L			07/02/14 16:15	10
2-Hexanone	ND		50	12	ug/L			07/02/14 16:15	10
4-Methyl-2-pentanone (MIBK)	ND	*	50	21	ug/L			07/02/14 16:15	10
Acetone	ND		100	30	ug/L			07/02/14 16:15	10
Benzene	ND		10	4.1	ug/L			07/02/14 16:15	10
Bromodichloromethane	ND		10	3.9	ug/L			07/02/14 16:15	10
Bromoform	ND		10	2.6	ug/L			07/02/14 16:15	10
Bromomethane	ND		10	6.9	ug/L			07/02/14 16:15	10
Carbon disulfide	ND		10	1.9	ug/L			07/02/14 16:15	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/02/14 16:15	10
Chlorobenzene	ND		10	7.5	ug/L			07/02/14 16:15	10
Chloroethane	ND		10	3.2	ug/L			07/02/14 16:15	10
Chloroform	ND		10	3.4	ug/L			07/02/14 16:15	10
Chloromethane	ND		10	3.5	ug/L			07/02/14 16:15	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			07/02/14 16:15	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/02/14 16:15	10
Cyclohexane	ND		10	1.8	ug/L			07/02/14 16:15	10
Dibromochloromethane	ND		10	3.2	ug/L			07/02/14 16:15	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/02/14 16:15	10
Ethylbenzene	ND		10	7.4	ug/L			07/02/14 16:15	10
Isopropylbenzene	ND		10	7.9	ug/L			07/02/14 16:15	10
Methyl acetate	ND		25	5.0	ug/L			07/02/14 16:15	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/02/14 16:15	10
Methylcyclohexane	ND		10	1.6	ug/L			07/02/14 16:15	10
Methylene Chloride	ND		10	4.4	ug/L			07/02/14 16:15	10
Styrene	ND		10	7.3	ug/L			07/02/14 16:15	10
Tetrachloroethene	**680**		10	3.6	ug/L			07/02/14 16:15	10
Toluene	ND		10	5.1	ug/L			07/02/14 16:15	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/02/14 16:15	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/02/14 16:15	10
Trichloroethene	**53**		10	4.6	ug/L			07/02/14 16:15	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/02/14 16:15	10
Vinyl chloride	ND		10	9.0	ug/L			07/02/14 16:15	10
Xylenes, Total	ND		20	6.6	ug/L			07/02/14 16:15	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-27_0614
Date Collected: 06/23/14 08:45
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*07/02/14 16:15*	*10*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*07/02/14 16:15*	*10*
Toluene-d8 (Surr)	*105*		*71 - 126*		*07/02/14 16:15*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 22:42	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		06/25/14 07:41	07/27/14 22:42	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 22:42	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		06/25/14 07:41	07/27/14 22:42	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 22:42	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 22:42	1
2,6-Dinitrotoluene	**0.87**	**J**	4.8	0.38	ug/L		06/25/14 07:41	07/27/14 22:42	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 22:42	1
2-Chlorophenol	ND		4.8	0.50	ug/L		06/25/14 07:41	07/27/14 22:42	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		06/25/14 07:41	07/27/14 22:42	1
2-Methylphenol	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 22:42	1
2-Nitroaniline	ND		9.5	0.40	ug/L		06/25/14 07:41	07/27/14 22:42	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 22:42	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 22:42	1
3-Nitroaniline	ND	*	9.5	0.46	ug/L		06/25/14 07:41	07/27/14 22:42	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 22:42	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 22:42	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 22:42	1
4-Chloroaniline	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 22:42	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 22:42	1
4-Methylphenol	ND		9.5	0.34	ug/L		06/25/14 07:41	07/27/14 22:42	1
4-Nitroaniline	ND	*	9.5	0.24	ug/L		06/25/14 07:41	07/27/14 22:42	1
4-Nitrophenol	ND		9.5	1.4	ug/L		06/25/14 07:41	07/27/14 22:42	1
Acenaphthene	ND		4.8	0.39	ug/L		06/25/14 07:41	07/27/14 22:42	1
Acenaphthylene	ND		4.8	0.36	ug/L		06/25/14 07:41	07/27/14 22:42	1
Acetophenone	ND		4.8	0.51	ug/L		06/25/14 07:41	07/27/14 22:42	1
Aniline	ND		9.5	0.58	ug/L		06/25/14 07:41	07/27/14 22:42	1
Anthracene	ND		4.8	0.27	ug/L		06/25/14 07:41	07/27/14 22:42	1
Atrazine	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 22:42	1
Benzaldehyde	**0.28**	**J**	4.8	0.25	ug/L		06/25/14 07:41	07/27/14 22:42	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 22:42	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 22:42	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		06/25/14 07:41	07/27/14 22:42	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 22:42	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		06/25/14 07:41	07/27/14 22:42	1
Biphenyl	ND		4.8	0.62	ug/L		06/25/14 07:41	07/27/14 22:42	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		06/25/14 07:41	07/27/14 22:42	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 22:42	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 22:42	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		06/25/14 07:41	07/27/14 22:42	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 22:42	1
Caprolactam	ND		4.8	2.1	ug/L		06/25/14 07:41	07/27/14 22:42	1
Carbazole	ND		4.8	0.29	ug/L		06/25/14 07:41	07/27/14 22:42	1
Chrysene	ND		4.8	0.31	ug/L		06/25/14 07:41	07/27/14 22:42	1

Client Sample ID: BCC Area B RFI-27_0614
Date Collected: 06/23/14 08:45
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-2
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 22:42	1
Dibenzofuran	ND		9.5	0.49	ug/L		06/25/14 07:41	07/27/14 22:42	1
Diethyl phthalate	**0.21**	**J**	4.8	0.21	ug/L		06/25/14 07:41	07/27/14 22:42	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 22:42	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/25/14 07:41	07/27/14 22:42	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 22:42	1
Fluoranthene	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 22:42	1
Fluorene	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 22:42	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 22:42	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/25/14 07:41	07/27/14 22:42	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 22:42	1
Hexachloroethane	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 22:42	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 22:42	1
Isophorone	ND		4.8	0.41	ug/L		06/25/14 07:41	07/27/14 22:42	1
Naphthalene	ND		4.8	0.72	ug/L		06/25/14 07:41	07/27/14 22:42	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/25/14 07:41	07/27/14 22:42	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		06/25/14 07:41	07/27/14 22:42	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 22:42	1
Pentachlorophenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 22:42	1
Phenanthrene	ND		4.8	0.42	ug/L		06/25/14 07:41	07/27/14 22:42	1
Phenol	**0.40**	**J**	4.8	0.37	ug/L		06/25/14 07:41	07/27/14 22:42	1
Pyrene	ND		4.8	0.32	ug/L		06/25/14 07:41	07/27/14 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*141*	*X*	*52 - 132*	*06/25/14 07:41*	*07/27/14 22:42*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*06/25/14 07:41*	*07/27/14 22:42*	*1*
2-Fluorophenol	*105*		*20 - 120*	*06/25/14 07:41*	*07/27/14 22:42*	*1*
Nitrobenzene-d5	*97*		*46 - 120*	*06/25/14 07:41*	*07/27/14 22:42*	*1*
Phenol-d5	*76*		*16 - 120*	*06/25/14 07:41*	*07/27/14 22:42*	*1*
p-Terphenyl-d14	*94*		*67 - 150*	*06/25/14 07:41*	*07/27/14 22:42*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.095**	**J**	0.20	0.060	mg/L		06/25/14 09:55	06/26/14 12:23	1
Antimony	ND		0.020	0.0068	mg/L		06/25/14 09:55	06/26/14 12:23	1
Arsenic	ND		0.015	0.0056	mg/L		06/25/14 09:55	06/26/14 12:23	1
Barium	**0.042**		0.0020	0.00070	mg/L		06/25/14 09:55	06/26/14 12:23	1
Beryllium	ND		0.0020	0.00030	mg/L		06/25/14 09:55	06/26/14 12:23	1
Cadmium	ND		0.0020	0.00050	mg/L		06/25/14 09:55	06/26/14 12:23	1
Calcium	**214**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:23	1
Chromium	**0.27**		0.0040	0.0010	mg/L		06/25/14 09:55	06/26/14 12:23	1
Cobalt	**0.032**		0.0040	0.00063	mg/L		06/25/14 09:55	06/26/14 12:23	1
Copper	**0.036**		0.010	0.0016	mg/L		06/25/14 09:55	06/26/14 12:23	1
Iron	**3.6**		0.050	0.019	mg/L		06/25/14 09:55	06/26/14 12:23	1
Lead	ND		0.010	0.0030	mg/L		06/25/14 09:55	06/26/14 12:23	1
Magnesium	**101**		0.20	0.043	mg/L		06/25/14 09:55	06/26/14 12:23	1
Manganese	**1.1**		0.0030	0.00040	mg/L		06/25/14 09:55	06/26/14 12:23	1
Nickel	**0.62**		0.010	0.0013	mg/L		06/25/14 09:55	06/26/14 12:23	1
Potassium	**2.3**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:23	1
Selenium	ND		0.025	0.0087	mg/L		06/25/14 09:55	06/26/14 12:23	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-27_0614
Date Collected: 06/23/14 08:45
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-2
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/25/14 09:55	06/26/14 12:23	1
Sodium	**277**		1.0	0.32	mg/L		06/25/14 09:55	06/26/14 12:23	1
Thallium	ND		0.020	0.010	mg/L		06/25/14 09:55	06/26/14 12:23	1
Vanadium	ND		0.0050	0.0015	mg/L		06/25/14 09:55	06/26/14 12:23	1
Zinc	**0.0069**	**J**	0.010	0.0015	mg/L		06/25/14 09:55	06/26/14 12:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/14 12:05	06/25/14 15:11	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-28_0614
Date Collected: 06/23/14 11:10
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-3
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/02/14 16:39	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/02/14 16:39	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/02/14 16:39	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/02/14 16:39	10
1,1-Dichloroethane	ND		10	3.8	ug/L			07/02/14 16:39	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/02/14 16:39	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/02/14 16:39	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/02/14 16:39	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/02/14 16:39	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/02/14 16:39	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/02/14 16:39	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/02/14 16:39	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/02/14 16:39	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/02/14 16:39	10
2-Butanone (MEK)	ND		100	13	ug/L			07/02/14 16:39	10
2-Hexanone	ND		50	12	ug/L			07/02/14 16:39	10
4-Methyl-2-pentanone (MIBK)	ND	*	50	21	ug/L			07/02/14 16:39	10
Acetone	ND		100	30	ug/L			07/02/14 16:39	10
Benzene	ND		10	4.1	ug/L			07/02/14 16:39	10
Bromodichloromethane	ND		10	3.9	ug/L			07/02/14 16:39	10
Bromoform	ND		10	2.6	ug/L			07/02/14 16:39	10
Bromomethane	ND		10	6.9	ug/L			07/02/14 16:39	10
Carbon disulfide	ND		10	1.9	ug/L			07/02/14 16:39	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/02/14 16:39	10
Chlorobenzene	ND		10	7.5	ug/L			07/02/14 16:39	10
Chloroethane	ND		10	3.2	ug/L			07/02/14 16:39	10
Chloroform	ND		10	3.4	ug/L			07/02/14 16:39	10
Chloromethane	ND		10	3.5	ug/L			07/02/14 16:39	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			07/02/14 16:39	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/02/14 16:39	10
Cyclohexane	ND		10	1.8	ug/L			07/02/14 16:39	10
Dibromochloromethane	ND		10	3.2	ug/L			07/02/14 16:39	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/02/14 16:39	10
Ethylbenzene	ND		10	7.4	ug/L			07/02/14 16:39	10
Isopropylbenzene	ND		10	7.9	ug/L			07/02/14 16:39	10
Methyl acetate	ND		25	5.0	ug/L			07/02/14 16:39	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/02/14 16:39	10
Methylcyclohexane	ND		10	1.6	ug/L			07/02/14 16:39	10
Methylene Chloride	ND		10	4.4	ug/L			07/02/14 16:39	10
Styrene	ND		10	7.3	ug/L			07/02/14 16:39	10
Tetrachloroethene	**14**		10	3.6	ug/L			07/02/14 16:39	10
Toluene	ND		10	5.1	ug/L			07/02/14 16:39	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/02/14 16:39	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/02/14 16:39	10
Trichloroethene	ND		10	4.6	ug/L			07/02/14 16:39	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/02/14 16:39	10
Vinyl chloride	ND		10	9.0	ug/L			07/02/14 16:39	10
Xylenes, Total	ND		20	6.6	ug/L			07/02/14 16:39	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-28_0614
Date Collected: 06/23/14 11:10
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*07/02/14 16:39*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/02/14 16:39*	*10*
Toluene-d8 (Surr)	*106*		*71 - 126*		*07/02/14 16:39*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 23:07	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		06/25/14 07:41	07/27/14 23:07	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:07	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		06/25/14 07:41	07/27/14 23:07	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 23:07	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:07	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:07	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 23:07	1
2-Chlorophenol	ND		4.8	0.50	ug/L		06/25/14 07:41	07/27/14 23:07	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		06/25/14 07:41	07/27/14 23:07	1
2-Methylphenol	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:07	1
2-Nitroaniline	ND		9.5	0.40	ug/L		06/25/14 07:41	07/27/14 23:07	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 23:07	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:07	1
3-Nitroaniline	ND	*	9.5	0.46	ug/L		06/25/14 07:41	07/27/14 23:07	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 23:07	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:07	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:07	1
4-Chloroaniline	**2.2**	**J**	4.8	0.56	ug/L		06/25/14 07:41	07/27/14 23:07	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:07	1
4-Methylphenol	**0.42**	**J**	9.5	0.34	ug/L		06/25/14 07:41	07/27/14 23:07	1
4-Nitroaniline	ND	*	9.5	0.24	ug/L		06/25/14 07:41	07/27/14 23:07	1
4-Nitrophenol	ND		9.5	1.4	ug/L		06/25/14 07:41	07/27/14 23:07	1
Acenaphthene	ND		4.8	0.39	ug/L		06/25/14 07:41	07/27/14 23:07	1
Acenaphthylene	ND		4.8	0.36	ug/L		06/25/14 07:41	07/27/14 23:07	1
Acetophenone	ND		4.8	0.51	ug/L		06/25/14 07:41	07/27/14 23:07	1
Aniline	**5.6**	**J**	9.5	0.58	ug/L		06/25/14 07:41	07/27/14 23:07	1
Anthracene	ND		4.8	0.27	ug/L		06/25/14 07:41	07/27/14 23:07	1
Atrazine	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 23:07	1
Benzaldehyde	ND		4.8	0.25	ug/L		06/25/14 07:41	07/27/14 23:07	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:07	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:07	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		06/25/14 07:41	07/27/14 23:07	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:07	1
Benzo(k)fluoranthene	ND		4.8	0.69	ug/L		06/25/14 07:41	07/27/14 23:07	1
Biphenyl	ND		4.8	0.62	ug/L		06/25/14 07:41	07/27/14 23:07	1
bis (2-chloroisopropyl) ether	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:07	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:07	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:07	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		06/25/14 07:41	07/27/14 23:07	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 23:07	1
Caprolactam	ND		4.8	2.1	ug/L		06/25/14 07:41	07/27/14 23:07	1
Carbazole	ND		4.8	0.29	ug/L		06/25/14 07:41	07/27/14 23:07	1
Chrysene	ND		4.8	0.31	ug/L		06/25/14 07:41	07/27/14 23:07	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-28_0614
Date Collected: 06/23/14 11:10
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-3
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 23:07	1
Dibenzofuran	ND		9.5	0.49	ug/L		06/25/14 07:41	07/27/14 23:07	1
Diethyl phthalate	**0.23**	**J**	4.8	0.21	ug/L		06/25/14 07:41	07/27/14 23:07	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:07	1
Di-n-butyl phthalate	**0.49**	**J**	4.8	0.29	ug/L		06/25/14 07:41	07/27/14 23:07	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:07	1
Fluoranthene	**0.39**	**J**	4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:07	1
Fluorene	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:07	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:07	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/25/14 07:41	07/27/14 23:07	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 23:07	1
Hexachloroethane	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 23:07	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:07	1
Isophorone	ND		4.8	0.41	ug/L		06/25/14 07:41	07/27/14 23:07	1
Naphthalene	ND		4.8	0.72	ug/L		06/25/14 07:41	07/27/14 23:07	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/25/14 07:41	07/27/14 23:07	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		06/25/14 07:41	07/27/14 23:07	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:07	1
Pentachlorophenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 23:07	1
Phenanthrene	ND		4.8	0.42	ug/L		06/25/14 07:41	07/27/14 23:07	1
Phenol	ND		4.8	0.37	ug/L		06/25/14 07:41	07/27/14 23:07	1
Pyrene	ND		4.8	0.32	ug/L		06/25/14 07:41	07/27/14 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*233*	*X*	*52 - 132*	*06/25/14 07:41*	*07/27/14 23:07*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*06/25/14 07:41*	*07/27/14 23:07*	*1*
2-Fluorophenol	*85*		*20 - 120*	*06/25/14 07:41*	*07/27/14 23:07*	*1*
Nitrobenzene-d5	*95*		*46 - 120*	*06/25/14 07:41*	*07/27/14 23:07*	*1*
Phenol-d5	*62*		*16 - 120*	*06/25/14 07:41*	*07/27/14 23:07*	*1*
p-Terphenyl-d14	*83*		*67 - 150*	*06/25/14 07:41*	*07/27/14 23:07*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.0**		0.20	0.060	mg/L		06/25/14 09:55	06/26/14 12:37	1
Antimony	ND		0.020	0.0068	mg/L		06/25/14 09:55	06/26/14 12:37	1
Arsenic	**0.034**		0.015	0.0056	mg/L		06/25/14 09:55	06/26/14 12:37	1
Barium	**0.024**		0.0020	0.00070	mg/L		06/25/14 09:55	06/26/14 12:37	1
Beryllium	ND		0.0020	0.00030	mg/L		06/25/14 09:55	06/26/14 12:37	1
Cadmium	**0.00071**	**J**	0.0020	0.00050	mg/L		06/25/14 09:55	06/26/14 12:37	1
Calcium	**136**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:37	1
Chromium	**0.042**		0.0040	0.0010	mg/L		06/25/14 09:55	06/26/14 12:37	1
Cobalt	**0.0014**	**J**	0.0040	0.00063	mg/L		06/25/14 09:55	06/26/14 12:37	1
Copper	**0.033**		0.010	0.0016	mg/L		06/25/14 09:55	06/26/14 12:37	1
Iron	**3.0**		0.050	0.019	mg/L		06/25/14 09:55	06/26/14 12:37	1
Lead	**0.022**		0.010	0.0030	mg/L		06/25/14 09:55	06/26/14 12:37	1
Magnesium	**14.6**		0.20	0.043	mg/L		06/25/14 09:55	06/26/14 12:37	1
Manganese	**0.16**		0.0030	0.00040	mg/L		06/25/14 09:55	06/26/14 12:37	1
Nickel	**0.038**		0.010	0.0013	mg/L		06/25/14 09:55	06/26/14 12:37	1
Potassium	**5.9**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:37	1
Selenium	ND		0.025	0.0087	mg/L		06/25/14 09:55	06/26/14 12:37	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-28_0614
Date Collected: 06/23/14 11:10
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-3
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/25/14 09:55	06/26/14 12:37	1
Sodium	**306**		1.0	0.32	mg/L		06/25/14 09:55	06/26/14 12:37	1
Thallium	ND		0.020	0.010	mg/L		06/25/14 09:55	06/26/14 12:37	1
Vanadium	**0.014**		0.0050	0.0015	mg/L		06/25/14 09:55	06/26/14 12:37	1
Zinc	**0.051**		0.010	0.0015	mg/L		06/25/14 09:55	06/26/14 12:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/14 12:05	06/25/14 15:20	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-30_0614
Date Collected: 06/23/14 10:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-4
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/02/14 17:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/02/14 17:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/02/14 17:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/02/14 17:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/02/14 17:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/02/14 17:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/02/14 17:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/02/14 17:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/02/14 17:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/02/14 17:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/02/14 17:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/02/14 17:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/02/14 17:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/02/14 17:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/02/14 17:03	1
2-Hexanone	ND		5.0	1.2	ug/L			07/02/14 17:03	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			07/02/14 17:03	1
Acetone	ND		10	3.0	ug/L			07/02/14 17:03	1
Benzene	ND		1.0	0.41	ug/L			07/02/14 17:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/02/14 17:03	1
Bromoform	ND		1.0	0.26	ug/L			07/02/14 17:03	1
Bromomethane	ND		1.0	0.69	ug/L			07/02/14 17:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/02/14 17:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/02/14 17:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/02/14 17:03	1
Chloroethane	ND		1.0	0.32	ug/L			07/02/14 17:03	1
Chloroform	ND		1.0	0.34	ug/L			07/02/14 17:03	1
Chloromethane	ND		1.0	0.35	ug/L			07/02/14 17:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/02/14 17:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/02/14 17:03	1
Cyclohexane	ND		1.0	0.18	ug/L			07/02/14 17:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/02/14 17:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/02/14 17:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/02/14 17:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/02/14 17:03	1
Methyl acetate	ND		2.5	0.50	ug/L			07/02/14 17:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/02/14 17:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/02/14 17:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/02/14 17:03	1
Styrene	ND		1.0	0.73	ug/L			07/02/14 17:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/02/14 17:03	1
Toluene	ND		1.0	0.51	ug/L			07/02/14 17:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/02/14 17:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/02/14 17:03	1
Trichloroethene	ND		1.0	0.46	ug/L			07/02/14 17:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/02/14 17:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/02/14 17:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/02/14 17:03	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-30_0614
Date Collected: 06/23/14 10:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-4
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*07/02/14 17:03*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/02/14 17:03*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*07/02/14 17:03*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 23:32	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		06/25/14 07:41	07/27/14 23:32	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:32	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		06/25/14 07:41	07/27/14 23:32	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 23:32	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:32	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:32	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 23:32	1
2-Chlorophenol	ND		4.8	0.50	ug/L		06/25/14 07:41	07/27/14 23:32	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		06/25/14 07:41	07/27/14 23:32	1
2-Methylphenol	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:32	1
2-Nitroaniline	ND		9.5	0.40	ug/L		06/25/14 07:41	07/27/14 23:32	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 23:32	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:32	1
3-Nitroaniline	ND	*	9.5	0.46	ug/L		06/25/14 07:41	07/27/14 23:32	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 23:32	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:32	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:32	1
4-Chloroaniline	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 23:32	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:32	1
4-Methylphenol	ND		9.5	0.34	ug/L		06/25/14 07:41	07/27/14 23:32	1
4-Nitroaniline	ND	*	9.5	0.24	ug/L		06/25/14 07:41	07/27/14 23:32	1
4-Nitrophenol	ND		9.5	1.4	ug/L		06/25/14 07:41	07/27/14 23:32	1
Acenaphthene	ND		4.8	0.39	ug/L		06/25/14 07:41	07/27/14 23:32	1
Acenaphthylene	ND		4.8	0.36	ug/L		06/25/14 07:41	07/27/14 23:32	1
Acetophenone	ND		4.8	0.51	ug/L		06/25/14 07:41	07/27/14 23:32	1
Aniline	ND		9.5	0.58	ug/L		06/25/14 07:41	07/27/14 23:32	1
Anthracene	ND		4.8	0.27	ug/L		06/25/14 07:41	07/27/14 23:32	1
Atrazine	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 23:32	1
Benzaldehyde	**0.31**	**J**	4.8	0.25	ug/L		06/25/14 07:41	07/27/14 23:32	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:32	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:32	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		06/25/14 07:41	07/27/14 23:32	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:32	1
Benzo(k)fluoranthene	ND		4.8	0.69	ug/L		06/25/14 07:41	07/27/14 23:32	1
Biphenyl	ND		4.8	0.62	ug/L		06/25/14 07:41	07/27/14 23:32	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		06/25/14 07:41	07/27/14 23:32	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:32	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:32	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		06/25/14 07:41	07/27/14 23:32	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 23:32	1
Caprolactam	ND		4.8	2.1	ug/L		06/25/14 07:41	07/27/14 23:32	1
Carbazole	ND		4.8	0.29	ug/L		06/25/14 07:41	07/27/14 23:32	1
Chrysene	ND		4.8	0.31	ug/L		06/25/14 07:41	07/27/14 23:32	1

Client Sample ID: BCC Area B RFI-30_0614
Date Collected: 06/23/14 10:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-4
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 23:32	1
Dibenzofuran	ND		9.5	0.49	ug/L		06/25/14 07:41	07/27/14 23:32	1
Diethyl phthalate	**0.22**	**J**	4.8	0.21	ug/L		06/25/14 07:41	07/27/14 23:32	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:32	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/25/14 07:41	07/27/14 23:32	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:32	1
Fluoranthene	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:32	1
Fluorene	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:32	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:32	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/25/14 07:41	07/27/14 23:32	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 23:32	1
Hexachloroethane	ND		4.8	0.56	ug/L		06/25/14 07:41	07/27/14 23:32	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:32	1
Isophorone	ND		4.8	0.41	ug/L		06/25/14 07:41	07/27/14 23:32	1
Naphthalene	ND		4.8	0.72	ug/L		06/25/14 07:41	07/27/14 23:32	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/25/14 07:41	07/27/14 23:32	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		06/25/14 07:41	07/27/14 23:32	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:32	1
Pentachlorophenol	ND		9.5	2.1	ug/L		06/25/14 07:41	07/27/14 23:32	1
Phenanthrene	ND		4.8	0.42	ug/L		06/25/14 07:41	07/27/14 23:32	1
Phenol	**0.41**	**J**	4.8	0.37	ug/L		06/25/14 07:41	07/27/14 23:32	1
Pyrene	ND		4.8	0.32	ug/L		06/25/14 07:41	07/27/14 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*138*	*X*	*52 - 132*	*06/25/14 07:41*	*07/27/14 23:32*	*1*
2-Fluorobiphenyl	*104*		*48 - 120*	*06/25/14 07:41*	*07/27/14 23:32*	*1*
2-Fluorophenol	*101*		*20 - 120*	*06/25/14 07:41*	*07/27/14 23:32*	*1*
Nitrobenzene-d5	*101*		*46 - 120*	*06/25/14 07:41*	*07/27/14 23:32*	*1*
Phenol-d5	*74*		*16 - 120*	*06/25/14 07:41*	*07/27/14 23:32*	*1*
p-Terphenyl-d14	*90*		*67 - 150*	*06/25/14 07:41*	*07/27/14 23:32*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.14**	**J**	0.20	0.060	mg/L		06/25/14 09:55	06/26/14 12:40	1
Antimony	**0.024**		0.020	0.0068	mg/L		06/25/14 09:55	06/26/14 12:40	1
Arsenic	**0.0089**	**J**	0.015	0.0056	mg/L		06/25/14 09:55	06/26/14 12:40	1
Barium	**0.039**		0.0020	0.00070	mg/L		06/25/14 09:55	06/26/14 12:40	1
Beryllium	ND		0.0020	0.00030	mg/L		06/25/14 09:55	06/26/14 12:40	1
Cadmium	**0.00068**	**J**	0.0020	0.00050	mg/L		06/25/14 09:55	06/26/14 12:40	1
Calcium	**276**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:40	1
Chromium	**2.2**		0.0040	0.0010	mg/L		06/25/14 09:55	06/26/14 12:40	1
Cobalt	**0.018**		0.0040	0.00063	mg/L		06/25/14 09:55	06/26/14 12:40	1
Copper	**0.054**		0.010	0.0016	mg/L		06/25/14 09:55	06/26/14 12:40	1
Iron	**8.1**		0.050	0.019	mg/L		06/25/14 09:55	06/26/14 12:40	1
Lead	**0.0038**	**J**	0.010	0.0030	mg/L		06/25/14 09:55	06/26/14 12:40	1
Magnesium	**108**		0.20	0.043	mg/L		06/25/14 09:55	06/26/14 12:40	1
Manganese	**0.82**		0.0030	0.00040	mg/L		06/25/14 09:55	06/26/14 12:40	1
Nickel	**0.53**		0.010	0.0013	mg/L		06/25/14 09:55	06/26/14 12:40	1
Potassium	**1.6**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:40	1
Selenium	ND		0.025	0.0087	mg/L		06/25/14 09:55	06/26/14 12:40	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-30_0614
Date Collected: 06/23/14 10:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-4
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		06/25/14 09:55	06/26/14 12:40	1
Sodium	**333**		1.0	0.32	mg/L		06/25/14 09:55	06/26/14 12:40	1
Thallium	ND		0.020	0.010	mg/L		06/25/14 09:55	06/26/14 12:40	1
Vanadium	**0.012**		0.0050	0.0015	mg/L		06/25/14 09:55	06/26/14 12:40	1
Zinc	**0.030**		0.010	0.0015	mg/L		06/25/14 09:55	06/26/14 12:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/14 12:05	06/25/14 15:22	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-27D_0614
Date Collected: 06/23/14 09:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-5
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/02/14 17:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/02/14 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/02/14 17:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/02/14 17:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/02/14 17:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/02/14 17:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/02/14 17:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/02/14 17:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/02/14 17:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/02/14 17:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/02/14 17:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/02/14 17:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/02/14 17:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/02/14 17:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/02/14 17:27	1
2-Hexanone	ND		5.0	1.2	ug/L			07/02/14 17:27	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			07/02/14 17:27	1
Acetone	ND		10	3.0	ug/L			07/02/14 17:27	1
Benzene	**0.69**	**J**	1.0	0.41	ug/L			07/02/14 17:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/02/14 17:27	1
Bromoform	ND		1.0	0.26	ug/L			07/02/14 17:27	1
Bromomethane	ND		1.0	0.69	ug/L			07/02/14 17:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/02/14 17:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/02/14 17:27	1
Chlorobenzene	**4.0**		1.0	0.75	ug/L			07/02/14 17:27	1
Chloroethane	ND		1.0	0.32	ug/L			07/02/14 17:27	1
Chloroform	ND		1.0	0.34	ug/L			07/02/14 17:27	1
Chloromethane	ND		1.0	0.35	ug/L			07/02/14 17:27	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.81	ug/L			07/02/14 17:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/02/14 17:27	1
Cyclohexane	ND		1.0	0.18	ug/L			07/02/14 17:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/02/14 17:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/02/14 17:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/02/14 17:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/02/14 17:27	1
Methyl acetate	ND		2.5	0.50	ug/L			07/02/14 17:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/02/14 17:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/02/14 17:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/02/14 17:27	1
Styrene	ND		1.0	0.73	ug/L			07/02/14 17:27	1
Toluene	ND		1.0	0.51	ug/L			07/02/14 17:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/02/14 17:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/02/14 17:27	1
Trichloroethene	**52**		1.0	0.46	ug/L			07/02/14 17:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/02/14 17:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/02/14 17:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/02/14 17:27	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-27D_0614
Date Collected: 06/23/14 09:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-5
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*07/02/14 17:27*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/02/14 17:27*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*07/02/14 17:27*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**570**		10	3.6	ug/L			07/03/14 21:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*07/03/14 21:01*	*10*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*07/03/14 21:01*	*10*
Toluene-d8 (Surr)	*95*		*71 - 126*		*07/03/14 21:01*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 23:57	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		06/25/14 07:41	07/27/14 23:57	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:57	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		06/25/14 07:41	07/27/14 23:57	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		06/25/14 07:41	07/27/14 23:57	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:57	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:57	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 23:57	1
2-Chlorophenol	**0.58**	**J**	4.8	0.51	ug/L		06/25/14 07:41	07/27/14 23:57	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		06/25/14 07:41	07/27/14 23:57	1
2-Methylphenol	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:57	1
2-Nitroaniline	ND		9.6	0.40	ug/L		06/25/14 07:41	07/27/14 23:57	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/25/14 07:41	07/27/14 23:57	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:57	1
3-Nitroaniline	ND	*	9.6	0.46	ug/L		06/25/14 07:41	07/27/14 23:57	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		06/25/14 07:41	07/27/14 23:57	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:57	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/25/14 07:41	07/27/14 23:57	1
4-Chloroaniline	ND		4.8	0.57	ug/L		06/25/14 07:41	07/27/14 23:57	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:57	1
4-Methylphenol	ND		9.6	0.35	ug/L		06/25/14 07:41	07/27/14 23:57	1
4-Nitroaniline	ND	*	9.6	0.24	ug/L		06/25/14 07:41	07/27/14 23:57	1
4-Nitrophenol	ND		9.6	1.5	ug/L		06/25/14 07:41	07/27/14 23:57	1
Acenaphthene	ND		4.8	0.39	ug/L		06/25/14 07:41	07/27/14 23:57	1
Acenaphthylene	ND		4.8	0.37	ug/L		06/25/14 07:41	07/27/14 23:57	1
Acetophenone	ND		4.8	0.52	ug/L		06/25/14 07:41	07/27/14 23:57	1
Aniline	ND		9.6	0.59	ug/L		06/25/14 07:41	07/27/14 23:57	1
Anthracene	ND		4.8	0.27	ug/L		06/25/14 07:41	07/27/14 23:57	1
Atrazine	ND		4.8	0.44	ug/L		06/25/14 07:41	07/27/14 23:57	1
Benzaldehyde	**0.42**	**J**	4.8	0.26	ug/L		06/25/14 07:41	07/27/14 23:57	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		06/25/14 07:41	07/27/14 23:57	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:57	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:57	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:57	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		06/25/14 07:41	07/27/14 23:57	1
Biphenyl	ND		4.8	0.63	ug/L		06/25/14 07:41	07/27/14 23:57	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-27D_0614
Date Collected: 06/23/14 09:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-5
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		06/25/14 07:41	07/27/14 23:57	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		06/25/14 07:41	07/27/14 23:57	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:57	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		06/25/14 07:41	07/27/14 23:57	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 23:57	1
Caprolactam	ND		4.8	2.1	ug/L		06/25/14 07:41	07/27/14 23:57	1
Carbazole	ND		4.8	0.29	ug/L		06/25/14 07:41	07/27/14 23:57	1
Chrysene	ND		4.8	0.32	ug/L		06/25/14 07:41	07/27/14 23:57	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/25/14 07:41	07/27/14 23:57	1
Dibenzofuran	ND		9.6	0.49	ug/L		06/25/14 07:41	07/27/14 23:57	1
Diethyl phthalate	**0.22**	**J**	4.8	0.21	ug/L		06/25/14 07:41	07/27/14 23:57	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		06/25/14 07:41	07/27/14 23:57	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/25/14 07:41	07/27/14 23:57	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:57	1
Fluoranthene	ND		4.8	0.38	ug/L		06/25/14 07:41	07/27/14 23:57	1
Fluorene	ND		4.8	0.35	ug/L		06/25/14 07:41	07/27/14 23:57	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:57	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/25/14 07:41	07/27/14 23:57	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		06/25/14 07:41	07/27/14 23:57	1
Hexachloroethane	ND		4.8	0.57	ug/L		06/25/14 07:41	07/27/14 23:57	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		06/25/14 07:41	07/27/14 23:57	1
Isophorone	ND		4.8	0.41	ug/L		06/25/14 07:41	07/27/14 23:57	1
Naphthalene	ND		4.8	0.73	ug/L		06/25/14 07:41	07/27/14 23:57	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/25/14 07:41	07/27/14 23:57	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		06/25/14 07:41	07/27/14 23:57	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		06/25/14 07:41	07/27/14 23:57	1
Pentachlorophenol	ND		9.6	2.1	ug/L		06/25/14 07:41	07/27/14 23:57	1
Phenanthrene	ND		4.8	0.42	ug/L		06/25/14 07:41	07/27/14 23:57	1
Phenol	**2.4**	**J**	4.8	0.37	ug/L		06/25/14 07:41	07/27/14 23:57	1
Pyrene	ND		4.8	0.33	ug/L		06/25/14 07:41	07/27/14 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*139*	*X*	*52 - 132*	*06/25/14 07:41*	*07/27/14 23:57*	*1*
2-Fluorobiphenyl	*103*		*48 - 120*	*06/25/14 07:41*	*07/27/14 23:57*	*1*
2-Fluorophenol	*106*		*20 - 120*	*06/25/14 07:41*	*07/27/14 23:57*	*1*
Nitrobenzene-d5	*96*		*46 - 120*	*06/25/14 07:41*	*07/27/14 23:57*	*1*
Phenol-d5	*98*		*16 - 120*	*06/25/14 07:41*	*07/27/14 23:57*	*1*
p-Terphenyl-d14	*89*		*67 - 150*	*06/25/14 07:41*	*07/27/14 23:57*	*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		06/25/14 09:55	06/26/14 12:43	1
Antimony	ND		0.020	0.0068	mg/L		06/25/14 09:55	06/26/14 12:43	1
Arsenic	ND		0.015	0.0056	mg/L		06/25/14 09:55	06/26/14 12:43	1
Barium	**0.039**		0.0020	0.00070	mg/L		06/25/14 09:55	06/26/14 12:43	1
Beryllium	ND		0.0020	0.00030	mg/L		06/25/14 09:55	06/26/14 12:43	1
Cadmium	ND		0.0020	0.00050	mg/L		06/25/14 09:55	06/26/14 12:43	1
Calcium	**209**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:43	1
Chromium	**0.17**		0.0040	0.0010	mg/L		06/25/14 09:55	06/26/14 12:43	1
Cobalt	**0.031**		0.0040	0.00063	mg/L		06/25/14 09:55	06/26/14 12:43	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-27D_0614
Date Collected: 06/23/14 09:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-5
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.032		0.010	0.0016	mg/L		06/25/14 09:55	06/26/14 12:43	1
Iron	2.9		0.050	0.019	mg/L		06/25/14 09:55	06/26/14 12:43	1
Lead	0.0036	J	0.010	0.0030	mg/L		06/25/14 09:55	06/26/14 12:43	1
Magnesium	95.7		0.20	0.043	mg/L		06/25/14 09:55	06/26/14 12:43	1
Manganese	1.0		0.0030	0.00040	mg/L		06/25/14 09:55	06/26/14 12:43	1
Nickel	0.60		0.010	0.0013	mg/L		06/25/14 09:55	06/26/14 12:43	1
Potassium	2.2		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:43	1
Selenium	ND		0.025	0.0087	mg/L		06/25/14 09:55	06/26/14 12:43	1
Silver	ND		0.0060	0.0017	mg/L		06/25/14 09:55	06/26/14 12:43	1
Sodium	271		1.0	0.32	mg/L		06/25/14 09:55	06/26/14 12:43	1
Thallium	ND		0.020	0.010	mg/L		06/25/14 09:55	06/26/14 12:43	1
Vanadium	ND		0.0050	0.0015	mg/L		06/25/14 09:55	06/26/14 12:43	1
Zinc	0.0076	J	0.010	0.0015	mg/L		06/25/14 09:55	06/26/14 12:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/14 12:05	06/25/14 15:24	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: TRIP BLANK
Date Collected: 06/23/14 00:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/02/14 17:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/02/14 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/02/14 17:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/02/14 17:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/02/14 17:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/02/14 17:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/02/14 17:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/02/14 17:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/02/14 17:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/02/14 17:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/02/14 17:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/02/14 17:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/02/14 17:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/02/14 17:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/02/14 17:51	1
2-Hexanone	ND		5.0	1.2	ug/L			07/02/14 17:51	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			07/02/14 17:51	1
Acetone	ND		10	3.0	ug/L			07/02/14 17:51	1
Benzene	ND		1.0	0.41	ug/L			07/02/14 17:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/02/14 17:51	1
Bromoform	ND		1.0	0.26	ug/L			07/02/14 17:51	1
Bromomethane	ND		1.0	0.69	ug/L			07/02/14 17:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/02/14 17:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/02/14 17:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/02/14 17:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/02/14 17:51	1
Chloroform	ND		1.0	0.34	ug/L			07/02/14 17:51	1
Chloromethane	ND		1.0	0.35	ug/L			07/02/14 17:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/02/14 17:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/02/14 17:51	1
Cyclohexane	ND		1.0	0.18	ug/L			07/02/14 17:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/02/14 17:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/02/14 17:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/02/14 17:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/02/14 17:51	1
Methyl acetate	ND		2.5	0.50	ug/L			07/02/14 17:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/02/14 17:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/02/14 17:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/02/14 17:51	1
Styrene	ND		1.0	0.73	ug/L			07/02/14 17:51	1
Tetrachloroethene	**12**		1.0	0.36	ug/L			07/02/14 17:51	1
Toluene	ND		1.0	0.51	ug/L			07/02/14 17:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/02/14 17:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/02/14 17:51	1
Trichloroethene	**1.1**		1.0	0.46	ug/L			07/02/14 17:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/02/14 17:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/02/14 17:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/02/14 17:51	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: TRIP BLANK
Date Collected: 06/23/14 00:00
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		07/02/14 17:51	1
4-Bromofluorobenzene (Surr)	103		73 - 120		07/02/14 17:51	1
Toluene-d8 (Surr)	106		71 - 126		07/02/14 17:51	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-30F_0614
Date Collected: 06/23/14 10:15
Date Received: 06/23/14 16:45

Lab Sample ID: 480-62504-7
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/25/14 09:55	06/26/14 12:46	1
Antimony	ND		0.020	0.0068	mg/L		06/25/14 09:55	06/26/14 12:46	1
Arsenic	ND		0.015	0.0056	mg/L		06/25/14 09:55	06/26/14 12:46	1
Barium	**0.031**		0.0020	0.00070	mg/L		06/25/14 09:55	06/26/14 12:46	1
Beryllium	ND		0.0020	0.00030	mg/L		06/25/14 09:55	06/26/14 12:46	1
Cadmium	**0.00068**	**J**	0.0020	0.00050	mg/L		06/25/14 09:55	06/26/14 12:46	1
Calcium	**263**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:46	1
Chromium	ND		0.0040	0.0010	mg/L		06/25/14 09:55	06/26/14 12:46	1
Cobalt	**0.0018**	**J**	0.0040	0.00063	mg/L		06/25/14 09:55	06/26/14 12:46	1
Copper	**0.0073**	**J**	0.010	0.0016	mg/L		06/25/14 09:55	06/26/14 12:46	1
Iron	**0.029**	**J**	0.050	0.019	mg/L		06/25/14 09:55	06/26/14 12:46	1
Lead	ND		0.010	0.0030	mg/L		06/25/14 09:55	06/26/14 12:46	1
Magnesium	**110**		0.20	0.043	mg/L		06/25/14 09:55	06/26/14 12:46	1
Manganese	**0.46**		0.0030	0.00040	mg/L		06/25/14 09:55	06/26/14 12:46	1
Nickel	**0.43**		0.010	0.0013	mg/L		06/25/14 09:55	06/26/14 12:46	1
Potassium	**1.6**		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:46	1
Selenium	ND		0.025	0.0087	mg/L		06/25/14 09:55	06/26/14 12:46	1
Silver	ND		0.0060	0.0017	mg/L		06/25/14 09:55	06/26/14 12:46	1
Sodium	**318**		1.0	0.32	mg/L		06/25/14 09:55	06/26/14 12:46	1
Thallium	ND		0.020	0.010	mg/L		06/25/14 09:55	06/26/14 12:46	1
Vanadium	ND		0.0050	0.0015	mg/L		06/25/14 09:55	06/26/14 12:46	1
Zinc	**0.020**		0.010	0.0015	mg/L		06/25/14 09:55	06/26/14 12:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/14 12:05	06/25/14 15:26	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		12DCE	BFB	TOL							
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)							
480-62504-1	BCC Area B RFI-18_0614	101	103	105							
480-62504-2	BCC Area B RFI-27_0614	101	102	105							
480-62504-2 MS	BCC Area B RFI-27_0614	107	108	97							
480-62504-2 MSD	BCC Area B RFI-27_0614	106	111	99							
480-62504-3	BCC Area B RFI-28_0614	104	104	106							
480-62504-4	BCC Area B RFI-30_0614	103	104	106							
480-62504-5	BCC Area B RFI-27D_0614	106	101	105							
480-62504-5 - DL	BCC Area B RFI-27D_0614	103	92	95							
480-62504-5 MS	BCC Area B RFI-27D_0614	103	97	98							
480-62504-5 MSD	BCC Area B RFI-27D_0614	91	90	90							

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		12DCE	BFB	TOL							
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)							
480-62504-6	TRIP BLANK	107	103	106							
LCS 480-190989/5	Lab Control Sample	96	104	104							
LCS 480-191276/5	Lab Control Sample	101	99	101							
MB 480-190989/7	Method Blank	101	102	106							
MB 480-191276/8	Method Blank	104	98	100							

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TBP	FBP	2FP	NBZ	PHL	TPH				
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)				
480-62504-1	BCC Area B RFI-18_0614	133 X	97	90	96	67	98				
480-62504-2	BCC Area B RFI-27_0614	141 X	101	105	97	76	94				
480-62504-2 MS	BCC Area B RFI-27_0614	117	101	90	96	68	79				
480-62504-2 MSD	BCC Area B RFI-27_0614	116	100	92	95	70	82				
480-62504-3	BCC Area B RFI-28_0614	233 X	96	85	95	62	83				
480-62504-4	BCC Area B RFI-30_0614	138 X	104	101	101	74	90				
480-62504-5	BCC Area B RFI-27D_0614	139 X	103	106	96	98	89				

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
LCS 480-189675/2-A	Lab Control Sample	135 X	115	116	113	81	112
LCS 480-190158/21-A	Lab Control Sample	92	89	92	87	69	95
MB 480-189675/1-A	Method Blank	108	106	109	108	75	104
MB 480-190158/20-A	Method Blank	98	111	96	111	74	109

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-190989/7
Matrix: Water
Analysis Batch: 190989

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/02/14 13:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/02/14 13:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/02/14 13:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/02/14 13:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/02/14 13:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/02/14 13:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/02/14 13:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/02/14 13:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/02/14 13:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/02/14 13:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/02/14 13:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/02/14 13:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/02/14 13:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/02/14 13:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/02/14 13:28	1
2-Hexanone	ND		5.0	1.2	ug/L			07/02/14 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/02/14 13:28	1
Acetone	ND		10	3.0	ug/L			07/02/14 13:28	1
Benzene	ND		1.0	0.41	ug/L			07/02/14 13:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/02/14 13:28	1
Bromoform	ND		1.0	0.26	ug/L			07/02/14 13:28	1
Bromomethane	ND		1.0	0.69	ug/L			07/02/14 13:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/02/14 13:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/02/14 13:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/02/14 13:28	1
Chloroethane	ND		1.0	0.32	ug/L			07/02/14 13:28	1
Chloroform	ND		1.0	0.34	ug/L			07/02/14 13:28	1
Chloromethane	ND		1.0	0.35	ug/L			07/02/14 13:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/02/14 13:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/02/14 13:28	1
Cyclohexane	ND		1.0	0.18	ug/L			07/02/14 13:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/02/14 13:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/02/14 13:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/02/14 13:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/02/14 13:28	1
Methyl acetate	ND		2.5	0.50	ug/L			07/02/14 13:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/02/14 13:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/02/14 13:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/02/14 13:28	1
Styrene	ND		1.0	0.73	ug/L			07/02/14 13:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/02/14 13:28	1
Toluene	ND		1.0	0.51	ug/L			07/02/14 13:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/02/14 13:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/02/14 13:28	1
Trichloroethene	ND		1.0	0.46	ug/L			07/02/14 13:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/02/14 13:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/02/14 13:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/02/14 13:28	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-190989/7
Matrix: Water
Analysis Batch: 190989

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		07/02/14 13:28	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/02/14 13:28	1
Toluene-d8 (Surr)	106		71 - 126		07/02/14 13:28	1

Lab Sample ID: LCS 480-190989/5
Matrix: Water
Analysis Batch: 190989

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	28.5		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	25.0	28.6		ug/L		115	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.1		ug/L		112	52 - 148
1,1,2-Trichloroethane	25.0	27.9		ug/L		112	76 - 122
1,1-Dichloroethane	25.0	27.3		ug/L		109	71 - 129
1,1-Dichloroethene	25.0	28.6		ug/L		114	58 - 121
1,2,4-Trichlorobenzene	25.0	27.6		ug/L		111	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.2		ug/L		113	56 - 134
1,2-Dibromoethane	25.0	27.1		ug/L		108	77 - 120
1,2-Dichlorobenzene	25.0	27.4		ug/L		109	80 - 124
1,2-Dichloroethane	25.0	25.5		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	28.3		ug/L		113	76 - 120
1,3-Dichlorobenzene	25.0	27.8		ug/L		111	77 - 120
1,4-Dichlorobenzene	25.0	27.3		ug/L		109	75 - 120
2-Butanone (MEK)	125	156		ug/L		125	57 - 140
2-Hexanone	125	144		ug/L		115	65 - 127
4-Methyl-2-pentanone (MIBK)	125	157	*	ug/L		126	71 - 125
Acetone	125	154		ug/L		123	56 - 142
Benzene	25.0	26.7		ug/L		107	71 - 124
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Bromoform	25.0	29.0		ug/L		116	52 - 132
Bromomethane	25.0	29.4		ug/L		118	55 - 144
Carbon disulfide	25.0	27.5		ug/L		110	59 - 134
Carbon tetrachloride	25.0	26.3		ug/L		105	72 - 134
Chlorobenzene	25.0	26.8		ug/L		107	72 - 120
Chloroethane	25.0	31.1		ug/L		125	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	29.0		ug/L		116	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	26.6		ug/L		106	74 - 124
Cyclohexane	25.0	29.5		ug/L		118	59 - 135
Dibromochloromethane	25.0	27.7		ug/L		111	75 - 125
Dichlorodifluoromethane	25.0	27.9		ug/L		112	59 - 135
Ethylbenzene	25.0	27.3		ug/L		109	77 - 123
Isopropylbenzene	25.0	28.3		ug/L		113	77 - 122
Methyl acetate	125	144		ug/L		115	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	64 - 127
Methylcyclohexane	25.0	28.3		ug/L		113	61 - 138

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-190989/5
Matrix: Water
Analysis Batch: 190989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.5		ug/L		98	57 - 132
Styrene	25.0	27.1		ug/L		109	70 - 130
Tetrachloroethene	25.0	27.9		ug/L		112	74 - 122
Toluene	25.0	27.3		ug/L		109	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	26.9		ug/L		108	72 - 123
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	27.9		ug/L		112	62 - 152
Vinyl chloride	25.0	30.4		ug/L		122	65 - 133
Xylenes, Total	50.0	54.2		ug/L		108	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: 480-62504-2 MS
Matrix: Ground Water
Analysis Batch: 190989

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	285		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	268		ug/L		107	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	269		ug/L		108	52 - 148
1,1,2-Trichloroethane	ND		250	261		ug/L		104	76 - 122
1,1-Dichloroethane	ND		250	288		ug/L		115	71 - 129
1,1-Dichloroethene	ND		250	278		ug/L		111	58 - 121
1,2,4-Trichlorobenzene	ND		250	273		ug/L		109	70 - 122
1,2-Dibromo-3-Chloropropane	ND		250	254		ug/L		102	56 - 134
1,2-Dibromoethane	ND		250	239		ug/L		96	77 - 120
1,2-Dichlorobenzene	ND		250	264		ug/L		105	80 - 124
1,2-Dichloroethane	ND		250	292		ug/L		117	75 - 127
1,2-Dichloropropane	ND		250	302	F1	ug/L		121	76 - 120
1,3-Dichlorobenzene	ND		250	263		ug/L		105	77 - 120
1,4-Dichlorobenzene	ND		250	254		ug/L		101	75 - 120
2-Butanone (MEK)	ND		1250	1870	F1	ug/L		150	57 - 140
2-Hexanone	ND		1250	1590	F1	ug/L		128	65 - 127
4-Methyl-2-pentanone (MIBK)	ND	*	1250	1780	F1	ug/L		143	71 - 125
Acetone	ND		1250	2070	F1	ug/L		165	56 - 142
Benzene	ND		250	258		ug/L		103	71 - 124
Bromodichloromethane	ND		250	259		ug/L		104	80 - 122
Bromoform	ND		250	246		ug/L		98	52 - 132
Bromomethane	ND		250	336		ug/L		134	55 - 144
Carbon disulfide	ND		250	247		ug/L		99	59 - 134
Carbon tetrachloride	ND		250	261		ug/L		104	72 - 134
Chlorobenzene	ND		250	251		ug/L		101	72 - 120
Chloroethane	ND		250	449	F1	ug/L		180	69 - 136

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-62504-2 MS
Matrix: Ground Water
Analysis Batch: 190989

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		250	249		ug/L		100	73 - 127
Chloromethane	ND		250	399	F1	ug/L		160	68 - 124
cis-1,2-Dichloroethene	ND		250	231		ug/L		92	74 - 124
cis-1,3-Dichloropropene	ND		250	248		ug/L		99	74 - 124
Cyclohexane	ND		250	323		ug/L		129	59 - 135
Dibromochloromethane	ND		250	236		ug/L		94	75 - 125
Dichlorodifluoromethane	ND		250	301		ug/L		120	59 - 135
Ethylbenzene	ND		250	258		ug/L		103	77 - 123
Isopropylbenzene	ND		250	251		ug/L		101	77 - 122
Methyl acetate	ND		1250	1740	F1	ug/L		139	74 - 133
Methyl tert-butyl ether	ND		250	265		ug/L		106	64 - 127
Methylcyclohexane	ND		250	258		ug/L		103	61 - 138
Methylene Chloride	ND		250	233		ug/L		93	57 - 132
Styrene	ND		250	251		ug/L		100	70 - 130
Tetrachloroethene	680		250	871		ug/L		75	74 - 122
Toluene	ND		250	243		ug/L		97	80 - 122
trans-1,2-Dichloroethene	ND		250	249		ug/L		100	73 - 127
trans-1,3-Dichloropropene	ND		250	237		ug/L		95	72 - 123
Trichloroethene	53		250	281		ug/L		91	74 - 123
Trichlorofluoromethane	ND		250	326		ug/L		130	62 - 152
Vinyl chloride	ND		250	369	F1	ug/L		148	65 - 133
Xylenes, Total	ND		500	502		ug/L		100	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: 480-62504-2 MSD
Matrix: Ground Water
Analysis Batch: 190989

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	284		ug/L		113	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		250	277		ug/L		111	70 - 126	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	260		ug/L		104	52 - 148	3	20
1,1,2-Trichloroethane	ND		250	272		ug/L		109	76 - 122	4	15
1,1-Dichloroethane	ND		250	285		ug/L		114	71 - 129	1	20
1,1-Dichloroethene	ND		250	273		ug/L		109	58 - 121	2	16
1,2,4-Trichlorobenzene	ND		250	284		ug/L		114	70 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		250	272		ug/L		109	56 - 134	7	15
1,2-Dibromoethane	ND		250	258		ug/L		103	77 - 120	8	15
1,2-Dichlorobenzene	ND		250	270		ug/L		108	80 - 124	2	20
1,2-Dichloroethane	ND		250	292		ug/L		117	75 - 127	0	20
1,2-Dichloropropane	ND		250	298		ug/L		119	76 - 120	1	20
1,3-Dichlorobenzene	ND		250	268		ug/L		107	77 - 120	2	20
1,4-Dichlorobenzene	ND		250	262		ug/L		105	75 - 120	3	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-62504-2 MSD
Matrix: Ground Water
Analysis Batch: 190989

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		1250	1810	F1	ug/L		145	57 - 140	3	20
2-Hexanone	ND		1250	1700	F1	ug/L		136	65 - 127	6	15
4-Methyl-2-pentanone (MIBK)	ND	*	1250	1840	F1	ug/L		148	71 - 125	3	35
Acetone	ND		1250	2020	F1	ug/L		162	56 - 142	2	15
Benzene	ND		250	259		ug/L		104	71 - 124	1	13
Bromodichloromethane	ND		250	263		ug/L		105	80 - 122	1	15
Bromoform	ND		250	262		ug/L		105	52 - 132	6	15
Bromomethane	ND		250	353		ug/L		141	55 - 144	5	15
Carbon disulfide	ND		250	250		ug/L		100	59 - 134	1	15
Carbon tetrachloride	ND		250	260		ug/L		104	72 - 134	0	15
Chlorobenzene	ND		250	262		ug/L		105	72 - 120	4	25
Chloroethane	ND		250	446	F1	ug/L		178	69 - 136	1	15
Chloroform	ND		250	247		ug/L		99	73 - 127	1	20
Chloromethane	ND		250	399	F1	ug/L		160	68 - 124	0	15
cis-1,2-Dichloroethene	ND		250	232		ug/L		93	74 - 124	0	15
cis-1,3-Dichloropropene	ND		250	249		ug/L		99	74 - 124	0	15
Cyclohexane	ND		250	320		ug/L		128	59 - 135	1	20
Dibromochloromethane	ND		250	250		ug/L		100	75 - 125	6	15
Dichlorodifluoromethane	ND		250	300		ug/L		120	59 - 135	0	20
Ethylbenzene	ND		250	268		ug/L		107	77 - 123	4	15
Isopropylbenzene	ND		250	258		ug/L		103	77 - 122	3	20
Methyl acetate	ND		1250	1700	F1	ug/L		136	74 - 133	2	20
Methyl tert-butyl ether	ND		250	263		ug/L		105	64 - 127	1	37
Methylcyclohexane	ND		250	260		ug/L		104	61 - 138	1	20
Methylene Chloride	ND		250	236		ug/L		94	57 - 132	1	15
Styrene	ND		250	264		ug/L		105	70 - 130	5	20
Tetrachloroethene	680		250	878		ug/L		78	74 - 122	1	20
Toluene	ND		250	258		ug/L		103	80 - 122	6	15
trans-1,2-Dichloroethene	ND		250	252		ug/L		101	73 - 127	1	20
trans-1,3-Dichloropropene	ND		250	243		ug/L		97	72 - 123	2	15
Trichloroethene	53		250	294		ug/L		97	74 - 123	5	16
Trichlorofluoromethane	ND		250	325		ug/L		130	62 - 152	0	20
Vinyl chloride	ND		250	375	F1	ug/L		150	65 - 133	2	15
Xylenes, Total	ND		500	529		ug/L		106	76 - 122	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 480-191276/8
Matrix: Water
Analysis Batch: 191276

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/14 19:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/14 19:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/14 19:57	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-191276/8
Matrix: Water
Analysis Batch: 191276

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/14 19:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/14 19:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/14 19:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/14 19:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/14 19:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/14 19:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/14 19:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/14 19:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/14 19:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/14 19:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/14 19:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/14 19:57	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/14 19:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/14 19:57	1
Acetone	ND		10	3.0	ug/L			07/03/14 19:57	1
Benzene	ND		1.0	0.41	ug/L			07/03/14 19:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/14 19:57	1
Bromoform	ND		1.0	0.26	ug/L			07/03/14 19:57	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/14 19:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/14 19:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/14 19:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/14 19:57	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/14 19:57	1
Chloroform	ND		1.0	0.34	ug/L			07/03/14 19:57	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/14 19:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/14 19:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/14 19:57	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/14 19:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/14 19:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/14 19:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/14 19:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/14 19:57	1
Methyl acetate	ND		2.5	0.50	ug/L			07/03/14 19:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/14 19:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/14 19:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/14 19:57	1
Styrene	ND		1.0	0.73	ug/L			07/03/14 19:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/14 19:57	1
Toluene	ND		1.0	0.51	ug/L			07/03/14 19:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/14 19:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/14 19:57	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/14 19:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/14 19:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/14 19:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/14 19:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*07/03/14 19:57*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-191276/8
Matrix: Water
Analysis Batch: 191276

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		73 - 120		07/03/14 19:57	1
Toluene-d8 (Surr)	100		71 - 126		07/03/14 19:57	1

Lab Sample ID: LCS 480-191276/5
Matrix: Water
Analysis Batch: 191276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.7		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.4		ug/L		102	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.3		ug/L		93	52 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	22.6		ug/L		91	71 - 129
1,1-Dichloroethene	25.0	22.8		ug/L		91	58 - 121
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		98	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	56 - 134
1,2-Dibromoethane	25.0	24.3		ug/L		97	77 - 120
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	22.6		ug/L		90	75 - 127
1,2-Dichloropropane	25.0	22.3		ug/L		89	76 - 120
1,3-Dichlorobenzene	25.0	23.3		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	75 - 120
2-Butanone (MEK)	125	127		ug/L		101	57 - 140
2-Hexanone	125	134		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	122		ug/L		98	56 - 142
Benzene	25.0	23.0		ug/L		92	71 - 124
Bromodichloromethane	25.0	25.0		ug/L		100	80 - 122
Bromoform	25.0	22.3		ug/L		89	52 - 132
Bromomethane	25.0	24.3		ug/L		97	55 - 144
Carbon disulfide	25.0	23.9		ug/L		96	59 - 134
Carbon tetrachloride	25.0	25.7		ug/L		103	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	72 - 120
Chloroethane	25.0	26.1		ug/L		104	69 - 136
Chloroform	25.0	22.4		ug/L		90	73 - 127
Chloromethane	25.0	24.7		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.1		ug/L		97	74 - 124
Cyclohexane	25.0	23.7		ug/L		95	59 - 135
Dibromochloromethane	25.0	22.4		ug/L		90	75 - 125
Dichlorodifluoromethane	25.0	26.3		ug/L		105	59 - 135
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Isopropylbenzene	25.0	26.0		ug/L		104	77 - 122
Methyl acetate	125	124		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	64 - 127
Methylcyclohexane	25.0	24.3		ug/L		97	61 - 138
Methylene Chloride	25.0	23.6		ug/L		94	57 - 132

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-191276/5
Matrix: Water
Analysis Batch: 191276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	25.0	24.3		ug/L		97	70 - 130
Tetrachloroethene	25.0	23.5		ug/L		94	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	72 - 123
Trichloroethene	25.0	23.5		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	25.4		ug/L		101	62 - 152
Vinyl chloride	25.0	25.8		ug/L		103	65 - 133
Xylenes, Total	50.0	48.3		ug/L		97	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 480-62504-5 MS
Matrix: Ground Water
Analysis Batch: 191276

Client Sample ID: BCC Area B RFI-27D_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	204		ug/L		82	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	218		ug/L		87	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	211		ug/L		84	52 - 148
1,1,2-Trichloroethane	ND		250	204		ug/L		81	76 - 122
1,1-Dichloroethane	ND		250	201		ug/L		80	71 - 129
1,1-Dichloroethene	ND		250	208		ug/L		83	58 - 121
1,2,4-Trichlorobenzene	ND		250	196		ug/L		78	70 - 122
1,2-Dibromo-3-Chloropropane	ND		250	208		ug/L		83	56 - 134
1,2-Dibromoethane	ND		250	208		ug/L		83	77 - 120
1,2-Dichlorobenzene	ND		250	199		ug/L		80	80 - 124
1,2-Dichloroethane	ND		250	200		ug/L		80	75 - 127
1,2-Dichloropropane	ND		250	195		ug/L		78	76 - 120
1,3-Dichlorobenzene	ND		250	195		ug/L		78	77 - 120
1,4-Dichlorobenzene	ND		250	194		ug/L		78	75 - 120
2-Butanone (MEK)	ND		1250	1230		ug/L		99	57 - 140
2-Hexanone	ND		1250	1260		ug/L		101	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1120		ug/L		89	71 - 125
Acetone	ND		1250	1160		ug/L		93	56 - 142
Benzene	ND		250	209		ug/L		83	71 - 124
Bromodichloromethane	ND		250	199		ug/L		80	80 - 122
Bromoform	ND		250	171		ug/L		68	52 - 132
Bromomethane	ND		250	185		ug/L		74	55 - 144
Carbon disulfide	ND		250	201		ug/L		80	59 - 134
Carbon tetrachloride	ND		250	202		ug/L		81	72 - 134
Chlorobenzene	ND		250	198		ug/L		79	72 - 120
Chloroethane	ND		250	211		ug/L		84	69 - 136
Chloroform	ND		250	200		ug/L		80	73 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-62504-5 MS
Matrix: Ground Water
Analysis Batch: 191276

Client Sample ID: BCC Area B RFI-27D_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND		250	224		ug/L		90	68 - 124
cis-1,2-Dichloroethene	ND		250	202		ug/L		81	74 - 124
cis-1,3-Dichloropropene	ND		250	187		ug/L		75	74 - 124
Cyclohexane	ND		250	210		ug/L		84	59 - 135
Dibromochloromethane	ND		250	171	F1	ug/L		68	75 - 125
Dichlorodifluoromethane	ND		250	239		ug/L		96	59 - 135
Ethylbenzene	ND		250	207		ug/L		83	77 - 123
Isopropylbenzene	ND		250	210		ug/L		84	77 - 122
Methyl acetate	ND		1250	1210		ug/L		96	74 - 133
Methyl tert-butyl ether	ND		250	199		ug/L		79	64 - 127
Methylcyclohexane	ND		250	206		ug/L		82	61 - 138
Methylene Chloride	9.6		250	208		ug/L		79	57 - 132
Styrene	ND		250	206		ug/L		82	70 - 130
Tetrachloroethene	570		250	609	F1	ug/L		15	74 - 122
Toluene	ND		250	201		ug/L		80	80 - 122
trans-1,2-Dichloroethene	ND		250	209		ug/L		84	73 - 127
trans-1,3-Dichloropropene	ND		250	192		ug/L		77	72 - 123
Trichloroethene	51		250	243		ug/L		77	74 - 123
Trichlorofluoromethane	ND		250	184		ug/L		74	62 - 152
Vinyl chloride	ND		250	227		ug/L		91	65 - 133
Xylenes, Total	ND		500	408		ug/L		82	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: 480-62504-5 MSD
Matrix: Ground Water
Analysis Batch: 191276

Client Sample ID: BCC Area B RFI-27D_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	205		ug/L		82	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		250	225		ug/L		90	70 - 126	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	201		ug/L		80	52 - 148	5	20
1,1,2-Trichloroethane	ND		250	214		ug/L		86	76 - 122	5	15
1,1-Dichloroethane	ND		250	198		ug/L		79	71 - 129	1	20
1,1-Dichloroethene	ND		250	202		ug/L		81	58 - 121	3	16
1,2,4-Trichlorobenzene	ND		250	190		ug/L		76	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		250	206		ug/L		82	56 - 134	1	15
1,2-Dibromoethane	ND		250	218		ug/L		87	77 - 120	5	15
1,2-Dichlorobenzene	ND		250	202		ug/L		81	80 - 124	1	20
1,2-Dichloroethane	ND		250	204		ug/L		82	75 - 127	2	20
1,2-Dichloropropane	ND		250	201		ug/L		80	76 - 120	3	20
1,3-Dichlorobenzene	ND		250	196		ug/L		78	77 - 120	1	20
1,4-Dichlorobenzene	ND		250	196		ug/L		79	75 - 120	1	20
2-Butanone (MEK)	ND		1250	1260		ug/L		101	57 - 140	2	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-62504-5 MSD
Matrix: Ground Water
Analysis Batch: 191276

Client Sample ID: BCC Area B RFI-27D_0614
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	ND		1250	1350		ug/L		108	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1170		ug/L		94	71 - 125	5	35
Acetone	ND		1250	1130		ug/L		90	56 - 142	3	15
Benzene	ND		250	207		ug/L		83	71 - 124	1	13
Bromodichloromethane	ND		250	208		ug/L		83	80 - 122	4	15
Bromoform	ND		250	175		ug/L		70	52 - 132	3	15
Bromomethane	ND		250	174		ug/L		70	55 - 144	6	15
Carbon disulfide	ND		250	195		ug/L		78	59 - 134	3	15
Carbon tetrachloride	ND		250	205		ug/L		82	72 - 134	2	15
Chlorobenzene	ND		250	203		ug/L		81	72 - 120	3	25
Chloroethane	ND		250	202		ug/L		81	69 - 136	5	15
Chloroform	ND		250	200		ug/L		80	73 - 127	0	20
Chloromethane	ND		250	215		ug/L		86	68 - 124	4	15
cis-1,2-Dichloroethene	ND		250	201		ug/L		80	74 - 124	0	15
cis-1,3-Dichloropropene	ND		250	196		ug/L		78	74 - 124	4	15
Cyclohexane	ND		250	206		ug/L		83	59 - 135	2	20
Dibromochloromethane	ND		250	179	F1	ug/L		71	75 - 125	4	15
Dichlorodifluoromethane	ND		250	215		ug/L		86	59 - 135	11	20
Ethylbenzene	ND		250	213		ug/L		85	77 - 123	3	15
Isopropylbenzene	ND		250	212		ug/L		85	77 - 122	1	20
Methyl acetate	ND		1250	1250		ug/L		100	74 - 133	3	20
Methyl tert-butyl ether	ND		250	208		ug/L		83	64 - 127	5	37
Methylcyclohexane	ND		250	202		ug/L		81	61 - 138	2	20
Methylene Chloride	9.6		250	209		ug/L		80	57 - 132	0	15
Styrene	ND		250	214		ug/L		86	70 - 130	4	20
Tetrachloroethene	570		250	607	F1	ug/L		14	74 - 122	0	20
Toluene	ND		250	203		ug/L		81	80 - 122	1	15
trans-1,2-Dichloroethene	ND		250	204		ug/L		82	73 - 127	2	20
trans-1,3-Dichloropropene	ND		250	209		ug/L		84	72 - 123	9	15
Trichloroethene	51		250	239		ug/L		75	74 - 123	1	16
Trichlorofluoromethane	ND		250	181		ug/L		73	62 - 152	2	20
Vinyl chloride	ND		250	212		ug/L		85	65 - 133	7	15
Xylenes, Total	ND		500	418		ug/L		84	76 - 122	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Toluene-d8 (Surr)	*90*		*71 - 126*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-189675/1-A
Matrix: Water
Analysis Batch: 194955

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/25/14 07:41	07/27/14 18:05	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/25/14 07:41	07/27/14 18:05	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-189675/1-A
Matrix: Water
Analysis Batch: 194955

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/25/14 07:41	07/27/14 18:05	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/25/14 07:41	07/27/14 18:05	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/25/14 07:41	07/27/14 18:05	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/25/14 07:41	07/27/14 18:05	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/25/14 07:41	07/27/14 18:05	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/25/14 07:41	07/27/14 18:05	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/25/14 07:41	07/27/14 18:05	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/25/14 07:41	07/27/14 18:05	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/25/14 07:41	07/27/14 18:05	1
2-Nitroaniline	ND		10	0.42	ug/L		06/25/14 07:41	07/27/14 18:05	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/25/14 07:41	07/27/14 18:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/25/14 07:41	07/27/14 18:05	1
3-Nitroaniline	ND		10	0.48	ug/L		06/25/14 07:41	07/27/14 18:05	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/25/14 07:41	07/27/14 18:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/25/14 07:41	07/27/14 18:05	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/25/14 07:41	07/27/14 18:05	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/25/14 07:41	07/27/14 18:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/25/14 07:41	07/27/14 18:05	1
4-Methylphenol	ND		10	0.36	ug/L		06/25/14 07:41	07/27/14 18:05	1
4-Nitroaniline	ND		10	0.25	ug/L		06/25/14 07:41	07/27/14 18:05	1
4-Nitrophenol	ND		10	1.5	ug/L		06/25/14 07:41	07/27/14 18:05	1
Acenaphthene	ND		5.0	0.41	ug/L		06/25/14 07:41	07/27/14 18:05	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/25/14 07:41	07/27/14 18:05	1
Acetophenone	ND		5.0	0.54	ug/L		06/25/14 07:41	07/27/14 18:05	1
Aniline	ND		10	0.61	ug/L		06/25/14 07:41	07/27/14 18:05	1
Anthracene	ND		5.0	0.28	ug/L		06/25/14 07:41	07/27/14 18:05	1
Atrazine	ND		5.0	0.46	ug/L		06/25/14 07:41	07/27/14 18:05	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/25/14 07:41	07/27/14 18:05	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/25/14 07:41	07/27/14 18:05	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/25/14 07:41	07/27/14 18:05	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/25/14 07:41	07/27/14 18:05	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/25/14 07:41	07/27/14 18:05	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/25/14 07:41	07/27/14 18:05	1
Biphenyl	ND		5.0	0.65	ug/L		06/25/14 07:41	07/27/14 18:05	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/25/14 07:41	07/27/14 18:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/25/14 07:41	07/27/14 18:05	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/25/14 07:41	07/27/14 18:05	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/25/14 07:41	07/27/14 18:05	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		06/25/14 07:41	07/27/14 18:05	1
Caprolactam	ND		5.0	2.2	ug/L		06/25/14 07:41	07/27/14 18:05	1
Carbazole	ND		5.0	0.30	ug/L		06/25/14 07:41	07/27/14 18:05	1
Chrysene	ND		5.0	0.33	ug/L		06/25/14 07:41	07/27/14 18:05	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/25/14 07:41	07/27/14 18:05	1
Dibenzofuran	ND		10	0.51	ug/L		06/25/14 07:41	07/27/14 18:05	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/25/14 07:41	07/27/14 18:05	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/25/14 07:41	07/27/14 18:05	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/25/14 07:41	07/27/14 18:05	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/25/14 07:41	07/27/14 18:05	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-189675/1-A
Matrix: Water
Analysis Batch: 194955

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		06/25/14 07:41	07/27/14 18:05	1
Fluorene	ND		5.0	0.36	ug/L		06/25/14 07:41	07/27/14 18:05	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/25/14 07:41	07/27/14 18:05	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/25/14 07:41	07/27/14 18:05	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/25/14 07:41	07/27/14 18:05	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/25/14 07:41	07/27/14 18:05	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/25/14 07:41	07/27/14 18:05	1
Isophorone	ND		5.0	0.43	ug/L		06/25/14 07:41	07/27/14 18:05	1
Naphthalene	ND		5.0	0.76	ug/L		06/25/14 07:41	07/27/14 18:05	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/25/14 07:41	07/27/14 18:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/25/14 07:41	07/27/14 18:05	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/25/14 07:41	07/27/14 18:05	1
Pentachlorophenol	ND		10	2.2	ug/L		06/25/14 07:41	07/27/14 18:05	1
Phenanthrene	ND		5.0	0.44	ug/L		06/25/14 07:41	07/27/14 18:05	1
Phenol	ND		5.0	0.39	ug/L		06/25/14 07:41	07/27/14 18:05	1
Pyrene	ND		5.0	0.34	ug/L		06/25/14 07:41	07/27/14 18:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*52 - 132*	*06/25/14 07:41*	*07/27/14 18:05*	*1*
2-Fluorobiphenyl	*106*		*48 - 120*	*06/25/14 07:41*	*07/27/14 18:05*	*1*
2-Fluorophenol	*109*		*20 - 120*	*06/25/14 07:41*	*07/27/14 18:05*	*1*
Nitrobenzene-d5	*108*		*46 - 120*	*06/25/14 07:41*	*07/27/14 18:05*	*1*
Phenol-d5	*75*		*16 - 120*	*06/25/14 07:41*	*07/27/14 18:05*	*1*
p-Terphenyl-d14	*104*		*67 - 150*	*06/25/14 07:41*	*07/27/14 18:05*	*1*

Lab Sample ID: LCS 480-189675/2-A
Matrix: Water
Analysis Batch: 194955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189675

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	34.8		ug/L		109	65 - 126
2,4,6-Trichlorophenol	32.0	33.2		ug/L		104	64 - 120
2,4-Dichlorophenol	32.0	31.9		ug/L		100	64 - 120
2,4-Dimethylphenol	32.0	27.2		ug/L		85	57 - 120
2,4-Dinitrophenol	64.0	57.7		ug/L		90	42 - 153
2,4-Dinitrotoluene	32.0	32.2		ug/L		101	65 - 154
2,6-Dinitrotoluene	32.0	34.4		ug/L		108	74 - 134
2-Chloronaphthalene	32.0	28.5		ug/L		89	41 - 124
2-Chlorophenol	32.0	29.3		ug/L		92	48 - 120
2-Methylnaphthalene	32.0	29.2		ug/L		91	34 - 122
2-Methylphenol	32.0	27.1		ug/L		85	39 - 120
2-Nitroaniline	32.0	31.5		ug/L		99	67 - 136
2-Nitrophenol	32.0	33.5		ug/L		105	59 - 120
3,3'-Dichlorobenzidine	64.0	65.0	E	ug/L		102	33 - 140
3-Nitroaniline	32.0	28.2	*	ug/L		88	28 - 86
4,6-Dinitro-2-methylphenol	64.0	56.5		ug/L		88	64 - 159
4-Bromophenyl phenyl ether	32.0	30.9		ug/L		97	71 - 126
4-Chloro-3-methylphenol	32.0	33.2		ug/L		104	64 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-189675/2-A
Matrix: Water
Analysis Batch: 194955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189675

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	32.0	8.09		ug/L		25	10 - 77
4-Chlorophenyl phenyl ether	32.0	29.3		ug/L		91	71 - 122
4-Methylphenol	32.0	26.3		ug/L		82	39 - 120
4-Nitroaniline	32.0	56.4	E *	ug/L		176	47 - 113
4-Nitrophenol	64.0	40.8		ug/L		64	16 - 120
Acenaphthene	32.0	27.8		ug/L		87	60 - 120
Acenaphthylene	32.0	32.3		ug/L		101	63 - 120
Acetophenone	32.0	29.1		ug/L		91	45 - 120
Aniline	32.0	16.8		ug/L		52	37 - 120
Anthracene	32.0	30.2		ug/L		94	58 - 148
Atrazine	64.0	65.3	E	ug/L		102	56 - 179
Benzaldehyde	64.0	40.3		ug/L		63	30 - 140
Benzo(a)anthracene	32.0	30.8		ug/L		96	55 - 151
Benzo(a)pyrene	32.0	31.0		ug/L		97	60 - 145
Benzo(b)fluoranthene	32.0	33.4		ug/L		104	54 - 140
Benzo(g,h,i)perylene	32.0	25.1		ug/L		78	66 - 152
Benzo(k)fluoranthene	32.0	32.6		ug/L		102	51 - 153
Biphenyl	32.0	29.2		ug/L		91	30 - 140
bis (2-chloroisopropyl) ether	32.0	25.4		ug/L		79	28 - 136
Bis(2-chloroethoxy)methane	32.0	28.8		ug/L		90	50 - 128
Bis(2-chloroethyl)ether	32.0	27.7		ug/L		87	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	29.6		ug/L		93	53 - 158
Butyl benzyl phthalate	32.0	31.7		ug/L		99	58 - 163
Caprolactam	64.0	26.0		ug/L		41	14 - 56
Carbazole	32.0	42.2		ug/L		132	59 - 148
Chrysene	32.0	33.9		ug/L		106	69 - 140
Dibenz(a,h)anthracene	32.0	26.6		ug/L		83	57 - 148
Dibenzofuran	32.0	29.1		ug/L		91	49 - 137
Diethyl phthalate	32.0	32.2		ug/L		101	59 - 146
Dimethyl phthalate	32.0	31.3		ug/L		98	59 - 141
Di-n-butyl phthalate	32.0	31.4		ug/L		98	58 - 149
Di-n-octyl phthalate	32.0	31.6		ug/L		99	55 - 167
Fluoranthene	32.0	33.1		ug/L		104	55 - 147
Fluorene	32.0	28.8		ug/L		90	55 - 143
Hexachlorobenzene	32.0	30.6		ug/L		96	14 - 108
Hexachlorobutadiene	32.0	25.9		ug/L		81	14 - 108
Hexachlorocyclopentadiene	32.0	25.2		ug/L		79	13 - 119
Hexachloroethane	32.0	25.5		ug/L		80	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	26.9		ug/L		84	69 - 146
Isophorone	32.0	30.0		ug/L		94	48 - 133
Naphthalene	32.0	29.0		ug/L		91	35 - 117
Nitrobenzene	32.0	28.1		ug/L		88	45 - 123
N-Nitrosodi-n-propylamine	32.0	27.2		ug/L		85	56 - 120
N-Nitrosodiphenylamine	64.0	58.8		ug/L		92	25 - 125
Pentachlorophenol	64.0	64.6		ug/L		101	39 - 136
Phenanthrene	32.0	31.3		ug/L		98	57 - 147
Phenol	32.0	19.6		ug/L		61	17 - 120
Pyrene	32.0	29.7		ug/L		93	58 - 136

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-189675/2-A
Matrix: Water
Analysis Batch: 194955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189675

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	135	X	52 - 132
2-Fluorobiphenyl	115		48 - 120
2-Fluorophenol	116		20 - 120
Nitrobenzene-d5	113		46 - 120
Phenol-d5	81		16 - 120
p-Terphenyl-d14	112		67 - 150

Lab Sample ID: MB 480-190158/20-A
Matrix: Water
Analysis Batch: 194748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/27/14 07:38	07/25/14 11:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/27/14 07:38	07/25/14 11:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/27/14 07:38	07/25/14 11:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/27/14 07:38	07/25/14 11:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/27/14 07:38	07/25/14 11:36	1
2,4-Dinitrotoluene	0.451	J	5.0	0.45	ug/L		06/27/14 07:38	07/25/14 11:36	1
2,6-Dinitrotoluene	0.558	J	5.0	0.40	ug/L		06/27/14 07:38	07/25/14 11:36	1
2-Chloronaphthalene	0.571	J	5.0	0.46	ug/L		06/27/14 07:38	07/25/14 11:36	1
2-Chlorophenol	0.543	J	5.0	0.53	ug/L		06/27/14 07:38	07/25/14 11:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/27/14 07:38	07/25/14 11:36	1
2-Methylphenol	0.626	J	5.0	0.40	ug/L		06/27/14 07:38	07/25/14 11:36	1
2-Nitroaniline	0.471	J	10	0.42	ug/L		06/27/14 07:38	07/25/14 11:36	1
2-Nitrophenol	0.495	J	5.0	0.48	ug/L		06/27/14 07:38	07/25/14 11:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/27/14 07:38	07/25/14 11:36	1
3-Nitroaniline	ND		10	0.48	ug/L		06/27/14 07:38	07/25/14 11:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/27/14 07:38	07/25/14 11:36	1
4-Bromophenyl phenyl ether	0.528	J	5.0	0.45	ug/L		06/27/14 07:38	07/25/14 11:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/27/14 07:38	07/25/14 11:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/27/14 07:38	07/25/14 11:36	1
4-Chlorophenyl phenyl ether	0.551	J	5.0	0.35	ug/L		06/27/14 07:38	07/25/14 11:36	1
4-Methylphenol	0.526	J	10	0.36	ug/L		06/27/14 07:38	07/25/14 11:36	1
4-Nitroaniline	0.724	J	10	0.25	ug/L		06/27/14 07:38	07/25/14 11:36	1
4-Nitrophenol	ND		10	1.5	ug/L		06/27/14 07:38	07/25/14 11:36	1
Acenaphthene	0.565	J	5.0	0.41	ug/L		06/27/14 07:38	07/25/14 11:36	1
Acenaphthylene	0.531	J	5.0	0.38	ug/L		06/27/14 07:38	07/25/14 11:36	1
Acetophenone	0.560	J	5.0	0.54	ug/L		06/27/14 07:38	07/25/14 11:36	1
Aniline	ND		10	0.61	ug/L		06/27/14 07:38	07/25/14 11:36	1
Anthracene	0.571	J	5.0	0.28	ug/L		06/27/14 07:38	07/25/14 11:36	1
Atrazine	ND		5.0	0.46	ug/L		06/27/14 07:38	07/25/14 11:36	1
Benzaldehyde	1.30	J	5.0	0.27	ug/L		06/27/14 07:38	07/25/14 11:36	1
Benzo(a)anthracene	0.593	J	5.0	0.36	ug/L		06/27/14 07:38	07/25/14 11:36	1
Benzo(a)pyrene	0.538	J	5.0	0.47	ug/L		06/27/14 07:38	07/25/14 11:36	1
Benzo(b)fluoranthene	0.543	J	5.0	0.34	ug/L		06/27/14 07:38	07/25/14 11:36	1
Benzo(g,h,i)perylene	0.546	J	5.0	0.35	ug/L		06/27/14 07:38	07/25/14 11:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/27/14 07:38	07/25/14 11:36	1
Biphenyl	ND		5.0	0.65	ug/L		06/27/14 07:38	07/25/14 11:36	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-190158/20-A
Matrix: Water
Analysis Batch: 194748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 190158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/27/14 07:38	07/25/14 11:36	1
Bis(2-chloroethoxy)methane	0.495	J	5.0	0.35	ug/L		06/27/14 07:38	07/25/14 11:36	1
Bis(2-chloroethyl)ether	0.521	J	5.0	0.40	ug/L		06/27/14 07:38	07/25/14 11:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		06/27/14 07:38	07/25/14 11:36	1
Butyl benzyl phthalate	0.774	J	5.0	0.42	ug/L		06/27/14 07:38	07/25/14 11:36	1
Caprolactam	ND		5.0	2.2	ug/L		06/27/14 07:38	07/25/14 11:36	1
Carbazole	0.631	J	5.0	0.30	ug/L		06/27/14 07:38	07/25/14 11:36	1
Chrysene	0.571	J	5.0	0.33	ug/L		06/27/14 07:38	07/25/14 11:36	1
Dibenz(a,h)anthracene	0.491	J	5.0	0.42	ug/L		06/27/14 07:38	07/25/14 11:36	1
Dibenzofuran	0.555	J	10	0.51	ug/L		06/27/14 07:38	07/25/14 11:36	1
Diethyl phthalate	0.555	J	5.0	0.22	ug/L		06/27/14 07:38	07/25/14 11:36	1
Dimethyl phthalate	0.547	J	5.0	0.36	ug/L		06/27/14 07:38	07/25/14 11:36	1
Di-n-butyl phthalate	0.781	J	5.0	0.31	ug/L		06/27/14 07:38	07/25/14 11:36	1
Di-n-octyl phthalate	0.610	J	5.0	0.47	ug/L		06/27/14 07:38	07/25/14 11:36	1
Fluoranthene	0.626	J	5.0	0.40	ug/L		06/27/14 07:38	07/25/14 11:36	1
Fluorene	0.566	J	5.0	0.36	ug/L		06/27/14 07:38	07/25/14 11:36	1
Hexachlorobenzene	0.570	J	5.0	0.51	ug/L		06/27/14 07:38	07/25/14 11:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/27/14 07:38	07/25/14 11:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/27/14 07:38	07/25/14 11:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/27/14 07:38	07/25/14 11:36	1
Indeno(1,2,3-cd)pyrene	0.513	J	5.0	0.47	ug/L		06/27/14 07:38	07/25/14 11:36	1
Isophorone	0.569	J	5.0	0.43	ug/L		06/27/14 07:38	07/25/14 11:36	1
Naphthalene	ND		5.0	0.76	ug/L		06/27/14 07:38	07/25/14 11:36	1
Nitrobenzene	0.598	J	5.0	0.29	ug/L		06/27/14 07:38	07/25/14 11:36	1
N-Nitrosodi-n-propylamine	0.578	J	5.0	0.54	ug/L		06/27/14 07:38	07/25/14 11:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/27/14 07:38	07/25/14 11:36	1
Pentachlorophenol	ND		10	2.2	ug/L		06/27/14 07:38	07/25/14 11:36	1
Phenanthrene	0.681	J	5.0	0.44	ug/L		06/27/14 07:38	07/25/14 11:36	1
Phenol	0.689	J	5.0	0.39	ug/L		06/27/14 07:38	07/25/14 11:36	1
Pyrene	0.564	J	5.0	0.34	ug/L		06/27/14 07:38	07/25/14 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*52 - 132*	*06/27/14 07:38*	*07/25/14 11:36*	*1*
2-Fluorobiphenyl	*111*		*48 - 120*	*06/27/14 07:38*	*07/25/14 11:36*	*1*
2-Fluorophenol	*96*		*20 - 120*	*06/27/14 07:38*	*07/25/14 11:36*	*1*
Nitrobenzene-d5	*111*		*46 - 120*	*06/27/14 07:38*	*07/25/14 11:36*	*1*
Phenol-d5	*74*		*16 - 120*	*06/27/14 07:38*	*07/25/14 11:36*	*1*
p-Terphenyl-d14	*109*		*67 - 150*	*06/27/14 07:38*	*07/25/14 11:36*	*1*

Lab Sample ID: LCS 480-190158/21-A
Matrix: Water
Analysis Batch: 194748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	25.6		ug/L		80	65 - 126
2,4,6-Trichlorophenol	32.0	24.8		ug/L		77	64 - 120
2,4-Dichlorophenol	32.0	25.3		ug/L		79	64 - 120
2,4-Dimethylphenol	32.0	18.1		ug/L		57	57 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-190158/21-A
Matrix: Water
Analysis Batch: 194748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	64.0	34.1		ug/L		53	42 - 153
2,4-Dinitrotoluene	32.0	24.8		ug/L		77	65 - 154
2,6-Dinitrotoluene	32.0	24.5		ug/L		77	74 - 134
2-Chloronaphthalene	32.0	23.6		ug/L		74	41 - 124
2-Chlorophenol	32.0	24.8		ug/L		78	48 - 120
2-Methylnaphthalene	32.0	21.9		ug/L		68	34 - 122
2-Methylphenol	32.0	26.5		ug/L		83	39 - 120
2-Nitroaniline	32.0	24.4		ug/L		76	67 - 136
2-Nitrophenol	32.0	24.2		ug/L		76	59 - 120
3,3'-Dichlorobenzidine	64.0	58.5		ug/L		91	33 - 140
3-Nitroaniline	32.0	19.6		ug/L		61	28 - 86
4,6-Dinitro-2-methylphenol	64.0	41.0		ug/L		64	64 - 159
4-Bromophenyl phenyl ether	32.0	24.1		ug/L		75	71 - 126
4-Chloro-3-methylphenol	32.0	23.5		ug/L		73	64 - 120
4-Chloroaniline	32.0	19.2		ug/L		60	10 - 77
4-Chlorophenyl phenyl ether	32.0	23.0		ug/L		72	71 - 122
4-Methylphenol	32.0	24.1		ug/L		75	39 - 120
4-Nitroaniline	32.0	26.9		ug/L		84	47 - 113
4-Nitrophenol	64.0	38.5		ug/L		60	16 - 120
Acenaphthene	32.0	23.4		ug/L		73	60 - 120
Acenaphthylene	32.0	24.9		ug/L		78	63 - 120
Acetophenone	32.0	23.6		ug/L		74	45 - 120
Aniline	32.0	21.9		ug/L		68	37 - 120
Anthracene	32.0	24.7		ug/L		77	58 - 148
Atrazine	64.0	51.9		ug/L		81	56 - 179
Benzaldehyde	64.0	32.3		ug/L		50	30 - 140
Benzo(a)anthracene	32.0	27.0		ug/L		85	55 - 151
Benzo(a)pyrene	32.0	26.5		ug/L		83	60 - 145
Benzo(b)fluoranthene	32.0	26.5		ug/L		83	54 - 140
Benzo(g,h,i)perylene	32.0	27.6		ug/L		86	66 - 152
Benzo(k)fluoranthene	32.0	27.7		ug/L		86	51 - 153
Biphenyl	32.0	23.7		ug/L		74	30 - 140
bis (2-chloroisopropyl) ether	32.0	24.9		ug/L		78	28 - 136
Bis(2-chloroethoxy)methane	32.0	23.0		ug/L		72	50 - 128
Bis(2-chloroethyl)ether	32.0	22.7		ug/L		71	51 - 120
Bis(2-ethylhexyl) phthalate	32.0	27.1		ug/L		85	53 - 158
Butyl benzyl phthalate	32.0	25.3		ug/L		79	58 - 163
Caprolactam	64.0	19.7		ug/L		31	14 - 56
Carbazole	32.0	27.9		ug/L		87	59 - 148
Chrysene	32.0	27.8		ug/L		87	69 - 140
Dibenz(a,h)anthracene	32.0	27.3		ug/L		85	57 - 148
Dibenzofuran	32.0	23.4		ug/L		73	49 - 137
Diethyl phthalate	32.0	24.1		ug/L		75	59 - 146
Dimethyl phthalate	32.0	23.8		ug/L		74	59 - 141
Di-n-butyl phthalate	32.0	25.5		ug/L		80	58 - 149
Di-n-octyl phthalate	32.0	28.4		ug/L		89	55 - 167
Fluoranthene	32.0	25.3		ug/L		79	55 - 147
Fluorene	32.0	23.0		ug/L		72	55 - 143

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-190158/21-A
Matrix: Water
Analysis Batch: 194748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 190158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobenzene	32.0	25.1		ug/L		79	14 - 108
Hexachlorobutadiene	32.0	19.7		ug/L		61	14 - 108
Hexachlorocyclopentadiene	32.0	17.9		ug/L		56	13 - 119
Hexachloroethane	32.0	20.0		ug/L		63	14 - 101
Indeno(1,2,3-cd)pyrene	32.0	23.9		ug/L		75	69 - 146
Isophorone	32.0	23.9		ug/L		75	48 - 133
Naphthalene	32.0	21.8		ug/L		68	35 - 117
Nitrobenzene	32.0	22.6		ug/L		71	45 - 123
N-Nitrosodi-n-propylamine	32.0	22.2		ug/L		69	56 - 120
N-Nitrosodiphenylamine	64.0	59.1		ug/L		92	25 - 125
Pentachlorophenol	64.0	49.0		ug/L		77	39 - 136
Phenanthrene	32.0	24.7		ug/L		77	57 - 147
Phenol	32.0	19.4		ug/L		61	17 - 120
Pyrene	32.0	24.8		ug/L		78	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*92*		*52 - 132*
2-Fluorobiphenyl	*89*		*48 - 120*
2-Fluorophenol	*92*		*20 - 120*
Nitrobenzene-d5	*87*		*46 - 120*
Phenol-d5	*69*		*16 - 120*
p-Terphenyl-d14	*95*		*67 - 150*

Lab Sample ID: 480-62504-2 MS
Matrix: Ground Water
Analysis Batch: 194748

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA
Prep Batch: 190158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		30.9	29.6		ug/L		96	65 - 126
2,4,6-Trichlorophenol	ND		30.9	28.0		ug/L		91	64 - 120
2,4-Dichlorophenol	0.59		30.9	27.4		ug/L		87	64 - 120
2,4-Dimethylphenol	ND		30.9	24.3		ug/L		79	57 - 120
2,4-Dinitrophenol	ND		61.8	46.3		ug/L		75	42 - 153
2,4-Dinitrotoluene	0.46		30.9	27.6		ug/L		88	62 - 148
2,6-Dinitrotoluene	1.1	J	30.9	28.1		ug/L		87	65 - 154
2-Chloronaphthalene	0.51		30.9	25.8		ug/L		82	41 - 124
2-Chlorophenol	0.63		30.9	24.9		ug/L		78	48 - 120
2-Methylnaphthalene	ND		30.9	23.4		ug/L		76	34 - 122
2-Methylphenol	0.71		30.9	27.5		ug/L		87	39 - 120
2-Nitroaniline	0.41		30.9	27.4		ug/L		87	67 - 136
2-Nitrophenol	0.49		30.9	25.7		ug/L		82	59 - 120
3,3'-Dichlorobenzidine	ND		61.8	54.8		ug/L		89	33 - 140
3-Nitroaniline	ND	*	30.9	19.6		ug/L		63	69 - 129
4,6-Dinitro-2-methylphenol	ND		61.8	51.1		ug/L		83	64 - 159
4-Bromophenyl phenyl ether	0.50		30.9	26.2		ug/L		83	71 - 126
4-Chloro-3-methylphenol	ND		30.9	26.2		ug/L		85	64 - 120
4-Chloroaniline	ND		30.9	13.4		ug/L		43	60 - 124
4-Chlorophenyl phenyl ether	0.52		30.9	25.3		ug/L		80	48 - 145

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-62504-2 MS
Matrix: Ground Water
Analysis Batch: 194748

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA
Prep Batch: 190158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methylphenol	0.62		30.9	24.3		ug/L		77	36 - 120
4-Nitroaniline	0.62	*	30.9	20.1		ug/L		63	64 - 135
4-Nitrophenol	ND		61.8	42.5		ug/L		69	16 - 120
Acenaphthene	0.54		30.9	25.3		ug/L		80	60 - 120
Acenaphthylene	0.52		30.9	27.4		ug/L		87	63 - 120
Acetophenone	ND		30.9	24.5		ug/L		79	45 - 120
Aniline	ND		30.9	12.5		ug/L		40	37 - 120
Anthracene	0.52		30.9	27.3		ug/L		87	58 - 148
Atrazine	ND		61.8	56.2		ug/L		91	56 - 179
Benzaldehyde	ND	J	61.8	31.6		ug/L		51	30 - 140
Benzo(a)anthracene	0.57		30.9	24.0		ug/L		76	55 - 151
Benzo(a)pyrene	0.51		30.9	20.8		ug/L		66	60 - 145
Benzo(b)fluoranthene	0.52		30.9	21.6		ug/L		68	54 - 140
Benzo(g,h,i)perylene	0.51		30.9	20.1		ug/L		63	66 - 152
Benzo(k)fluoranthene	ND		30.9	21.7		ug/L		70	51 - 153
Biphenyl	ND		30.9	25.5		ug/L		82	30 - 140
bis (2-chloroisopropyl) ether	ND		30.9	25.7		ug/L		83	28 - 136
Bis(2-chloroethoxy)methane	0.48		30.9	24.5		ug/L		78	50 - 128
Bis(2-chloroethyl)ether	0.63		30.9	23.1		ug/L		73	51 - 120
Bis(2-ethylhexyl) phthalate	ND		30.9	21.3		ug/L		69	53 - 158
Butyl benzyl phthalate	0.56		30.9	26.6		ug/L		84	58 - 163
Caprolactam	ND		61.8	14.0		ug/L		23	30 - 140
Carbazole	0.58		30.9	29.9		ug/L		95	59 - 148
Chrysene	0.54		30.9	23.1		ug/L		73	69 - 140
Dibenz(a,h)anthracene	0.47		30.9	19.8		ug/L		62	57 - 158
Dibenzofuran	0.55		30.9	25.4		ug/L		80	49 - 137
Diethyl phthalate	0.53	J	30.9	27.1		ug/L		86	59 - 146
Dimethyl phthalate	0.51		30.9	27.0		ug/L		86	59 - 141
Di-n-butyl phthalate	0.74		30.9	27.3		ug/L		86	58 - 149
Di-n-octyl phthalate	0.57		30.9	22.7		ug/L		71	55 - 167
Fluoranthene	0.62		30.9	27.1		ug/L		86	55 - 147
Fluorene	0.53		30.9	25.6		ug/L		81	55 - 143
Hexachlorobenzene	ND		30.9	25.7		ug/L		83	38 - 131
Hexachlorobutadiene	ND		30.9	20.5		ug/L		66	14 - 108
Hexachlorocyclopentadiene	ND		30.9	21.3		ug/L		69	13 - 119
Hexachloroethane	ND		30.9	21.0		ug/L		68	14 - 101
Indeno(1,2,3-cd)pyrene	ND		30.9	18.1		ug/L		59	69 - 146
Isophorone	0.54		30.9	25.7		ug/L		81	48 - 133
Naphthalene	ND		30.9	23.2		ug/L		75	35 - 117
Nitrobenzene	0.60		30.9	24.2		ug/L		76	45 - 123
N-Nitrosodi-n-propylamine	0.64		30.9	23.6		ug/L		74	56 - 120
N-Nitrosodiphenylamine	ND		61.8	66.8	E	ug/L		108	25 - 125
Pentachlorophenol	2.2		61.8	62.6		ug/L		98	39 - 136
Phenanthrene	0.66		30.9	27.4		ug/L		86	57 - 147
Phenol	0.87	J	30.9	17.7		ug/L		54	17 - 120
Pyrene	0.54		30.9	26.4		ug/L		84	58 - 136

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-62504-2 MS
Matrix: Ground Water
Analysis Batch: 194748

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA
Prep Batch: 190158

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*117*		*52 - 132*
2-Fluorobiphenyl	*101*		*48 - 120*
2-Fluorophenol	*90*		*20 - 120*
Nitrobenzene-d5	*96*		*46 - 120*
Phenol-d5	*68*		*16 - 120*
p-Terphenyl-d14	*79*		*67 - 150*

Lab Sample ID: 480-62504-2 MSD
Matrix: Ground Water
Analysis Batch: 194748

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA
Prep Batch: 190158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		31.4	30.3		ug/L		96	65 - 126	3	18
2,4,6-Trichlorophenol	ND		31.4	28.1		ug/L		89	64 - 120	0	19
2,4-Dichlorophenol	0.59		31.4	27.7		ug/L		86	64 - 120	1	19
2,4-Dimethylphenol	ND		31.4	25.2		ug/L		80	57 - 120	3	42
2,4-Dinitrophenol	ND		62.9	48.8		ug/L		78	42 - 153	5	22
2,4-Dinitrotoluene	0.46		31.4	28.6		ug/L		89	62 - 148	4	20
2,6-Dinitrotoluene	1.1	J	31.4	28.7		ug/L		88	65 - 154	2	15
2-Chloronaphthalene	0.51		31.4	25.9		ug/L		81	41 - 124	1	21
2-Chlorophenol	0.63		31.4	25.5		ug/L		79	48 - 120	3	25
2-Methylnaphthalene	ND		31.4	23.4		ug/L		74	34 - 122	0	21
2-Methylphenol	0.71		31.4	27.5		ug/L		85	39 - 120	0	27
2-Nitroaniline	0.41		31.4	28.3		ug/L		89	67 - 136	3	15
2-Nitrophenol	0.49		31.4	25.9		ug/L		81	59 - 120	1	18
3,3'-Dichlorobenzidine	ND		62.9	57.9		ug/L		92	33 - 140	5	25
3-Nitroaniline	ND	*	31.4	21.4		ug/L		68	69 - 129	9	19
4,6-Dinitro-2-methylphenol	ND		62.9	53.2		ug/L		85	64 - 159	4	15
4-Bromophenyl phenyl ether	0.50		31.4	27.3		ug/L		85	71 - 126	4	15
4-Chloro-3-methylphenol	ND		31.4	26.5		ug/L		84	64 - 120	1	27
4-Chloroaniline	ND		31.4	15.4		ug/L		49	60 - 124	14	22
4-Chlorophenyl phenyl ether	0.52		31.4	25.6		ug/L		80	48 - 145	1	16
4-Methylphenol	0.62		31.4	26.9		ug/L		84	36 - 120	10	24
4-Nitroaniline	0.62	*	31.4	22.7		ug/L		70	64 - 135	12	24
4-Nitrophenol	ND		62.9	41.3		ug/L		66	16 - 120	3	48
Acenaphthene	0.54		31.4	25.6		ug/L		80	60 - 120	1	24
Acenaphthylene	0.52		31.4	27.6		ug/L		86	63 - 120	1	18
Acetophenone	ND		31.4	25.1		ug/L		80	45 - 120	2	20
Aniline	ND		31.4	14.2		ug/L		45	37 - 120	13	30
Anthracene	0.52		31.4	28.1		ug/L		88	58 - 148	3	15
Atrazine	ND		62.9	58.2		ug/L		93	56 - 179	4	20
Benzaldehyde	ND	J	62.9	32.3		ug/L		51	30 - 140	2	20
Benzo(a)anthracene	0.57		31.4	25.4		ug/L		79	55 - 151	6	15
Benzo(a)pyrene	0.51		31.4	22.7		ug/L		71	60 - 145	9	15
Benzo(b)fluoranthene	0.52		31.4	22.7		ug/L		71	54 - 140	5	15
Benzo(g,h,i)perylene	0.51		31.4	21.4		ug/L		66	66 - 152	6	15
Benzo(k)fluoranthene	ND		31.4	23.7		ug/L		75	51 - 153	9	22
Biphenyl	ND		31.4	25.8		ug/L		82	30 - 140	1	20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-62504-2 MSD
Matrix: Ground Water
Analysis Batch: 194748

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA
Prep Batch: 190158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
bis (2-chloroisopropyl) ether	ND		31.4	25.9		ug/L		82	28 - 136	1	24
Bis(2-chloroethoxy)methane	0.48		31.4	24.8		ug/L		77	50 - 128	1	17
Bis(2-chloroethyl)ether	0.63		31.4	23.7		ug/L		73	51 - 120	2	21
Bis(2-ethylhexyl) phthalate	ND		31.4	22.8		ug/L		73	53 - 158	7	15
Butyl benzyl phthalate	0.56		31.4	27.8		ug/L		87	58 - 163	4	16
Caprolactam	ND		62.9	15.2		ug/L		24	30 - 140	8	20
Carbazole	0.58		31.4	30.8		ug/L		96	59 - 148	3	20
Chrysene	0.54		31.4	24.5		ug/L		76	69 - 140	6	15
Dibenz(a,h)anthracene	0.47		31.4	21.2		ug/L		66	57 - 158	7	15
Dibenzofuran	0.55		31.4	25.7		ug/L		80	49 - 137	1	15
Diethyl phthalate	0.53	J	31.4	27.6		ug/L		86	59 - 146	2	15
Dimethyl phthalate	0.51		31.4	27.3		ug/L		85	59 - 141	1	15
Di-n-butyl phthalate	0.74		31.4	27.8		ug/L		86	58 - 149	2	15
Di-n-octyl phthalate	0.57		31.4	24.1		ug/L		75	55 - 167	6	16
Fluoranthene	0.62		31.4	28.0		ug/L		87	55 - 147	3	15
Fluorene	0.53		31.4	25.7		ug/L		80	55 - 143	1	15
Hexachlorobenzene	ND		31.4	26.9		ug/L		86	38 - 131	4	15
Hexachlorobutadiene	ND		31.4	19.8		ug/L		63	14 - 108	3	44
Hexachlorocyclopentadiene	ND		31.4	21.3		ug/L		68	13 - 119	0	49
Hexachloroethane	ND		31.4	21.0		ug/L		67	14 - 101	0	46
Indeno(1,2,3-cd)pyrene	ND		31.4	19.5		ug/L		62	69 - 146	7	15
Isophorone	0.54		31.4	25.5		ug/L		79	48 - 133	1	17
Naphthalene	ND		31.4	23.0		ug/L		73	35 - 117	1	29
Nitrobenzene	0.60		31.4	24.0		ug/L		74	45 - 123	1	24
N-Nitrosodi-n-propylamine	0.64		31.4	24.4		ug/L		75	56 - 120	3	31
N-Nitrosodiphenylamine	ND		62.9	67.7	E	ug/L		108	25 - 125	1	15
Pentachlorophenol	2.2		62.9	63.7		ug/L		98	39 - 136	2	37
Phenanthrene	0.66		31.4	28.2		ug/L		88	57 - 147	3	15
Phenol	0.87	J	31.4	21.5		ug/L		66	17 - 120	19	34
Pyrene	0.54		31.4	27.2		ug/L		85	58 - 136	3	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*52 - 132*
2-Fluorobiphenyl	*100*		*48 - 120*
2-Fluorophenol	*92*		*20 - 120*
Nitrobenzene-d5	*95*		*46 - 120*
Phenol-d5	*70*		*16 - 120*
p-Terphenyl-d14	*82*		*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-189689/1-A
Matrix: Water
Analysis Batch: 190225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/25/14 09:55	06/26/14 12:06	1
Antimony	ND		0.020	0.0068	mg/L		06/25/14 09:55	06/26/14 12:06	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-189689/1-A
Matrix: Water
Analysis Batch: 190225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		06/25/14 09:55	06/26/14 12:06	1
Barium	ND		0.0020	0.00070	mg/L		06/25/14 09:55	06/26/14 12:06	1
Beryllium	ND		0.0020	0.00030	mg/L		06/25/14 09:55	06/26/14 12:06	1
Cadmium	ND		0.0020	0.00050	mg/L		06/25/14 09:55	06/26/14 12:06	1
Chromium	ND		0.0040	0.0010	mg/L		06/25/14 09:55	06/26/14 12:06	1
Cobalt	ND		0.0040	0.00063	mg/L		06/25/14 09:55	06/26/14 12:06	1
Copper	ND		0.010	0.0016	mg/L		06/25/14 09:55	06/26/14 12:06	1
Lead	ND		0.010	0.0030	mg/L		06/25/14 09:55	06/26/14 12:06	1
Magnesium	ND		0.20	0.043	mg/L		06/25/14 09:55	06/26/14 12:06	1
Manganese	ND		0.0030	0.00040	mg/L		06/25/14 09:55	06/26/14 12:06	1
Nickel	ND		0.010	0.0013	mg/L		06/25/14 09:55	06/26/14 12:06	1
Potassium	ND		0.50	0.10	mg/L		06/25/14 09:55	06/26/14 12:06	1
Selenium	ND		0.025	0.0087	mg/L		06/25/14 09:55	06/26/14 12:06	1
Silver	ND		0.0060	0.0017	mg/L		06/25/14 09:55	06/26/14 12:06	1
Sodium	ND		1.0	0.32	mg/L		06/25/14 09:55	06/26/14 12:06	1
Thallium	ND		0.020	0.010	mg/L		06/25/14 09:55	06/26/14 12:06	1
Vanadium	ND		0.0050	0.0015	mg/L		06/25/14 09:55	06/26/14 12:06	1
Zinc	ND		0.010	0.0015	mg/L		06/25/14 09:55	06/26/14 12:06	1

Lab Sample ID: MB 480-189689/1-A
Matrix: Water
Analysis Batch: 190526

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		0.50	0.10	mg/L		06/25/14 09:55	06/27/14 12:36	1
Iron	ND	^	0.050	0.019	mg/L		06/25/14 09:55	06/27/14 12:36	1

Lab Sample ID: LCS 480-189689/2-A
Matrix: Water
Analysis Batch: 190225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.26		mg/L		103	80 - 120
Antimony	0.200	0.204		mg/L		102	80 - 120
Arsenic	0.200	0.207		mg/L		104	80 - 120
Barium	0.200	0.213		mg/L		107	80 - 120
Beryllium	0.200	0.199		mg/L		100	80 - 120
Cadmium	0.200	0.207		mg/L		103	80 - 120
Calcium	10.0	9.72		mg/L		97	80 - 120
Chromium	0.200	0.210		mg/L		105	80 - 120
Cobalt	0.200	0.203		mg/L		102	80 - 120
Copper	0.200	0.220		mg/L		110	80 - 120
Iron	10.0	10.10		mg/L		101	80 - 120
Lead	0.200	0.202		mg/L		101	80 - 120
Magnesium	10.0	10.90		mg/L		109	80 - 120
Manganese	0.200	0.215		mg/L		107	80 - 120
Nickel	0.200	0.200		mg/L		100	80 - 120
Potassium	10.0	10.22		mg/L		102	80 - 120
Selenium	0.200	0.209		mg/L		105	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-189689/2-A
Matrix: Water
Analysis Batch: 190225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.0500	0.0489		mg/L		98	80 - 120
Sodium	10.0	9.86		mg/L		98	80 - 120
Thallium	0.200	0.218		mg/L		109	80 - 120
Vanadium	0.200	0.219		mg/L		109	80 - 120
Zinc	0.200	0.211		mg/L		106	80 - 120

Lab Sample ID: 480-62504-2 MS
Matrix: Ground Water
Analysis Batch: 190225

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA
Prep Batch: 189689

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.095	J	10.0	10.11		mg/L		100	75 - 125
Antimony	ND		0.200	0.206		mg/L		103	75 - 125
Arsenic	ND		0.200	0.212		mg/L		106	75 - 125
Barium	0.042		0.200	0.236		mg/L		97	75 - 125
Beryllium	ND		0.200	0.194		mg/L		97	75 - 125
Cadmium	ND		0.200	0.208		mg/L		104	75 - 125
Calcium	214		10.0	215.9	4	mg/L		16	75 - 125
Chromium	0.27		0.200	0.413	F1	mg/L		69	75 - 125
Cobalt	0.032		0.200	0.232		mg/L		100	75 - 125
Copper	0.036		0.200	0.233		mg/L		99	75 - 125
Iron	3.6		10.0	12.77		mg/L		91	75 - 125
Lead	ND		0.200	0.201		mg/L		101	75 - 125
Magnesium	101		10.0	104.6	4	mg/L		37	75 - 125
Manganese	1.1		0.200	1.17	4	mg/L		58	75 - 125
Nickel	0.62		0.200	0.761	F1	mg/L		69	75 - 125
Potassium	2.3		10.0	12.38		mg/L		101	75 - 125
Selenium	ND		0.200	0.212		mg/L		106	75 - 125
Silver	ND		0.0500	0.0485		mg/L		97	75 - 125
Sodium	277		10.0	274.3	4	mg/L		-31	75 - 125
Thallium	ND		0.200	0.203		mg/L		102	75 - 125
Vanadium	ND		0.200	0.212		mg/L		106	75 - 125
Zinc	0.0069	J	0.200	0.208		mg/L		101	75 - 125

Lab Sample ID: 480-62504-2 MSD
Matrix: Ground Water
Analysis Batch: 190225

Client Sample ID: BCC Area B RFI-27_0614
Prep Type: Total/NA
Prep Batch: 189689

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.095	J	10.0	10.56		mg/L		105	75 - 125	4	20
Antimony	ND		0.200	0.211		mg/L		105	75 - 125	2	20
Arsenic	ND		0.200	0.218		mg/L		109	75 - 125	2	20
Barium	0.042		0.200	0.245		mg/L		101	75 - 125	4	20
Beryllium	ND		0.200	0.201		mg/L		101	75 - 125	3	20
Cadmium	ND		0.200	0.214		mg/L		107	75 - 125	3	20
Calcium	214		10.0	228.0	4	mg/L		137	75 - 125	5	20
Chromium	0.27		0.200	0.490		mg/L		108	75 - 125	17	20
Cobalt	0.032		0.200	0.242		mg/L		105	75 - 125	4	20
Copper	0.036		0.200	0.245		mg/L		104	75 - 125	5	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-62504-2 MSD — **Client Sample ID: BCC Area B RFI-27_0614**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 190225 — **Prep Batch: 189689**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	3.6		10.0	13.56		mg/L		99	75 - 125	6	20
Lead	ND		0.200	0.209		mg/L		105	75 - 125	4	20
Magnesium	101		10.0	108.1	4	mg/L		73	75 - 125	3	20
Manganese	1.1		0.200	1.22	4	mg/L		80	75 - 125	4	20
Nickel	0.62		0.200	0.807		mg/L		91	75 - 125	6	20
Potassium	2.3		10.0	12.84		mg/L		105	75 - 125	4	20
Selenium	ND		0.200	0.218		mg/L		109	75 - 125	3	20
Silver	ND		0.0500	0.0512		mg/L		102	75 - 125	5	20
Sodium	277		10.0	291.0	4	mg/L		136	75 - 125	6	20
Thallium	ND		0.200	0.209		mg/L		105	75 - 125	3	20
Vanadium	ND		0.200	0.217		mg/L		109	75 - 125	3	20
Zinc	0.0069	J	0.200	0.208		mg/L		101	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-189754/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189936 — **Prep Batch: 189754**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/14 12:05	06/25/14 14:55	1

Lab Sample ID: LCS 480-189754/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189936 — **Prep Batch: 189754**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00715		mg/L		107	80 - 120

Lab Sample ID: 480-62504-2 MS — **Client Sample ID: BCC Area B RFI-27_0614**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 189936 — **Prep Batch: 189754**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00558		mg/L		84	75 - 125

Lab Sample ID: 480-62504-2 MSD — **Client Sample ID: BCC Area B RFI-27_0614**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 189936 — **Prep Batch: 189754**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00563		mg/L		84	75 - 125	1	20

GC/MS VOA

Analysis Batch: 190989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-1	BCC Area B RFI-18_0614	Total/NA	Ground Water	8260C	
480-62504-2	BCC Area B RFI-27_0614	Total/NA	Ground Water	8260C	
480-62504-2 MS	BCC Area B RFI-27_0614	Total/NA	Ground Water	8260C	
480-62504-2 MSD	BCC Area B RFI-27_0614	Total/NA	Ground Water	8260C	
480-62504-3	BCC Area B RFI-28_0614	Total/NA	Ground Water	8260C	
480-62504-4	BCC Area B RFI-30_0614	Total/NA	Ground Water	8260C	
480-62504-5	BCC Area B RFI-27D_0614	Total/NA	Ground Water	8260C	
480-62504-6	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-190989/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-190989/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 191276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-5 - DL	BCC Area B RFI-27D_0614	Total/NA	Ground Water	8260C	
480-62504-5 MS	BCC Area B RFI-27D_0614	Total/NA	Ground Water	8260C	
480-62504-5 MSD	BCC Area B RFI-27D_0614	Total/NA	Ground Water	8260C	
LCS 480-191276/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-191276/8	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 189675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-1	BCC Area B RFI-18_0614	Total/NA	Ground Water	3510C	
480-62504-2	BCC Area B RFI-27_0614	Total/NA	Ground Water	3510C	
480-62504-3	BCC Area B RFI-28_0614	Total/NA	Ground Water	3510C	
480-62504-4	BCC Area B RFI-30_0614	Total/NA	Ground Water	3510C	
480-62504-5	BCC Area B RFI-27D_0614	Total/NA	Ground Water	3510C	
LCS 480-189675/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-189675/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 190158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-2 MS	BCC Area B RFI-27_0614	Total/NA	Ground Water	3510C	
480-62504-2 MSD	BCC Area B RFI-27_0614	Total/NA	Ground Water	3510C	
LCS 480-190158/21-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-190158/20-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 194748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-2 MS	BCC Area B RFI-27_0614	Total/NA	Ground Water	8270D	190158
480-62504-2 MSD	BCC Area B RFI-27_0614	Total/NA	Ground Water	8270D	190158
LCS 480-190158/21-A	Lab Control Sample	Total/NA	Water	8270D	190158
MB 480-190158/20-A	Method Blank	Total/NA	Water	8270D	190158

Analysis Batch: 194955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-1	BCC Area B RFI-18_0614	Total/NA	Ground Water	8270D	189675
480-62504-2	BCC Area B RFI-27_0614	Total/NA	Ground Water	8270D	189675
480-62504-3	BCC Area B RFI-28_0614	Total/NA	Ground Water	8270D	189675

GC/MS Semi VOA (Continued)

Analysis Batch: 194955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-4	BCC Area B RFI-30_0614	Total/NA	Ground Water	8270D	189675
480-62504-5	BCC Area B RFI-27D_0614	Total/NA	Ground Water	8270D	189675
LCS 480-189675/2-A	Lab Control Sample	Total/NA	Water	8270D	189675
MB 480-189675/1-A	Method Blank	Total/NA	Water	8270D	189675

Metals

Prep Batch: 189689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-1	BCC Area B RFI-18_0614	Total/NA	Ground Water	3005A	
480-62504-2	BCC Area B RFI-27_0614	Total/NA	Ground Water	3005A	
480-62504-2 MS	BCC Area B RFI-27_0614	Total/NA	Ground Water	3005A	
480-62504-2 MSD	BCC Area B RFI-27_0614	Total/NA	Ground Water	3005A	
480-62504-3	BCC Area B RFI-28_0614	Total/NA	Ground Water	3005A	
480-62504-4	BCC Area B RFI-30_0614	Total/NA	Ground Water	3005A	
480-62504-5	BCC Area B RFI-27D_0614	Total/NA	Ground Water	3005A	
480-62504-7	BCC Area B RFI-30F_0614	Total/NA	Water	3005A	
LCS 480-189689/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-189689/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 189754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-1	BCC Area B RFI-18_0614	Total/NA	Ground Water	7470A	
480-62504-2	BCC Area B RFI-27_0614	Total/NA	Ground Water	7470A	
480-62504-2 MS	BCC Area B RFI-27_0614	Total/NA	Ground Water	7470A	
480-62504-2 MSD	BCC Area B RFI-27_0614	Total/NA	Ground Water	7470A	
480-62504-3	BCC Area B RFI-28_0614	Total/NA	Ground Water	7470A	
480-62504-4	BCC Area B RFI-30_0614	Total/NA	Ground Water	7470A	
480-62504-5	BCC Area B RFI-27D_0614	Total/NA	Ground Water	7470A	
480-62504-7	BCC Area B RFI-30F_0614	Total/NA	Water	7470A	
LCS 480-189754/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-189754/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 189936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-1	BCC Area B RFI-18_0614	Total/NA	Ground Water	7470A	189754
480-62504-2	BCC Area B RFI-27_0614	Total/NA	Ground Water	7470A	189754
480-62504-2 MS	BCC Area B RFI-27_0614	Total/NA	Ground Water	7470A	189754
480-62504-2 MSD	BCC Area B RFI-27_0614	Total/NA	Ground Water	7470A	189754
480-62504-3	BCC Area B RFI-28_0614	Total/NA	Ground Water	7470A	189754
480-62504-4	BCC Area B RFI-30_0614	Total/NA	Ground Water	7470A	189754
480-62504-5	BCC Area B RFI-27D_0614	Total/NA	Ground Water	7470A	189754
480-62504-7	BCC Area B RFI-30F_0614	Total/NA	Water	7470A	189754
LCS 480-189754/2-A	Lab Control Sample	Total/NA	Water	7470A	189754
MB 480-189754/1-A	Method Blank	Total/NA	Water	7470A	189754

Analysis Batch: 190225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-1	BCC Area B RFI-18_0614	Total/NA	Ground Water	6010C	189689
480-62504-2	BCC Area B RFI-27_0614	Total/NA	Ground Water	6010C	189689

Metals (Continued)

Analysis Batch: 190225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-62504-2 MS	BCC Area B RFI-27_0614	Total/NA	Ground Water	6010C	189689
480-62504-2 MSD	BCC Area B RFI-27_0614	Total/NA	Ground Water	6010C	189689
480-62504-3	BCC Area B RFI-28_0614	Total/NA	Ground Water	6010C	189689
480-62504-4	BCC Area B RFI-30_0614	Total/NA	Ground Water	6010C	189689
480-62504-5	BCC Area B RFI-27D_0614	Total/NA	Ground Water	6010C	189689
480-62504-7	BCC Area B RFI-30F_0614	Total/NA	Water	6010C	189689
LCS 480-189689/2-A	Lab Control Sample	Total/NA	Water	6010C	189689
MB 480-189689/1-A	Method Blank	Total/NA	Water	6010C	189689

Analysis Batch: 190526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-189689/1-A	Method Blank	Total/NA	Water	6010C	189689

Client Sample ID: BCC Area B RFI-18_0614

Lab Sample ID: 480-62504-1

Date Collected: 06/23/14 11:50

Matrix: Ground Water

Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190989	07/02/14 15:51	NMD1	TAL BUF
Total/NA	Prep	3510C			189675	06/25/14 07:41	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194955	07/27/14 22:16	EAS	TAL BUF
Total/NA	Prep	3005A			189689	06/25/14 09:55	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190225	06/26/14 12:12	SS1	TAL BUF
Total/NA	Prep	7470A			189754	06/25/14 12:05	LRK	TAL BUF
Total/NA	Analysis	7470A		1	189936	06/25/14 15:09	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-27_0614

Lab Sample ID: 480-62504-2

Date Collected: 06/23/14 08:45

Matrix: Ground Water

Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	190989	07/02/14 16:15	NMD1	TAL BUF
Total/NA	Prep	3510C			189675	06/25/14 07:41	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194955	07/27/14 22:42	EAS	TAL BUF
Total/NA	Prep	3005A			189689	06/25/14 09:55	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190225	06/26/14 12:23	SS1	TAL BUF
Total/NA	Prep	7470A			189754	06/25/14 12:05	LRK	TAL BUF
Total/NA	Analysis	7470A		1	189936	06/25/14 15:11	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-28_0614

Lab Sample ID: 480-62504-3

Date Collected: 06/23/14 11:10

Matrix: Ground Water

Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	190989	07/02/14 16:39	NMD1	TAL BUF
Total/NA	Prep	3510C			189675	06/25/14 07:41	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194955	07/27/14 23:07	EAS	TAL BUF
Total/NA	Prep	3005A			189689	06/25/14 09:55	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190225	06/26/14 12:37	SS1	TAL BUF
Total/NA	Prep	7470A			189754	06/25/14 12:05	LRK	TAL BUF
Total/NA	Analysis	7470A		1	189936	06/25/14 15:20	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-30_0614

Lab Sample ID: 480-62504-4

Date Collected: 06/23/14 10:00

Matrix: Ground Water

Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190989	07/02/14 17:03	NMD1	TAL BUF
Total/NA	Prep	3510C			189675	06/25/14 07:41	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194955	07/27/14 23:32	EAS	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Client Sample ID: BCC Area B RFI-30_0614

Lab Sample ID: 480-62504-4

Date Collected: 06/23/14 10:00
Matrix: Ground Water
Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			189689	06/25/14 09:55	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190225	06/26/14 12:40	SS1	TAL BUF
Total/NA	Prep	7470A			189754	06/25/14 12:05	LRK	TAL BUF
Total/NA	Analysis	7470A		1	189936	06/25/14 15:22	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-27D_0614

Lab Sample ID: 480-62504-5

Date Collected: 06/23/14 09:00
Matrix: Ground Water
Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	191276	07/03/14 21:01	GTG	TAL BUF
Total/NA	Analysis	8260C		1	190989	07/02/14 17:27	NMD1	TAL BUF
Total/NA	Prep	3510C			189675	06/25/14 07:41	MRB	TAL BUF
Total/NA	Analysis	8270D		1	194955	07/27/14 23:57	EAS	TAL BUF
Total/NA	Prep	3005A			189689	06/25/14 09:55	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190225	06/26/14 12:43	SS1	TAL BUF
Total/NA	Prep	7470A			189754	06/25/14 12:05	LRK	TAL BUF
Total/NA	Analysis	7470A		1	189936	06/25/14 15:24	LRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-62504-6

Date Collected: 06/23/14 00:00
Matrix: Water
Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	190989	07/02/14 17:51	NMD1	TAL BUF

Client Sample ID: BCC Area B RFI-30F_0614

Lab Sample ID: 480-62504-7

Date Collected: 06/23/14 10:15
Matrix: Water
Date Received: 06/23/14 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			189689	06/25/14 09:55	EHD	TAL BUF
Total/NA	Analysis	6010C		1	190225	06/26/14 12:46	SS1	TAL BUF
Total/NA	Prep	7470A			189754	06/25/14 12:05	LRK	TAL BUF
Total/NA	Analysis	7470A		1	189936	06/25/14 15:26	LRK	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745

TestAmerica Job ID: 480-62504-1

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: 480-62504-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-62504-1	BCC Area B RFI-18_0614	Ground Water	06/23/14 11:50	06/23/14 16:45
480-62504-2	BCC Area B RFI-27_0614	Ground Water	06/23/14 08:45	06/23/14 16:45
480-62504-3	BCC Area B RFI-28_0614	Ground Water	06/23/14 11:10	06/23/14 16:45
480-62504-4	BCC Area B RFI-30_0614	Ground Water	06/23/14 10:00	06/23/14 16:45
480-62504-5	BCC Area B RFI-27D_0614	Ground Water	06/23/14 09:00	06/23/14 16:45
480-62504-6	TRIP BLANK	Water	06/23/14 00:00	06/23/14 16:45
480-62504-7	BCC Area B RFI-30F_0614	Water	06/23/14 10:15	06/23/14 16:45

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 6-23-14	COC No: 26924L.0614
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Genson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area B Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

480-62504 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area B_RFI-18_0614	6/23/14	1150	G	W	6	N	3	1	2	
BCC_Area B_RFI-27_0614	6/23/14	0845	G	W	6	N	3	1	2	
BCC_Area B_RFI-28_0614	6/23/14	1110	G	W	6	N	3	1	2	
BCC_Area B_RFI-30_0614	6/23/14	1000	G	W	6	N	3	1	2	
BCC_Area B_RFI-27 D_0614	6/23/14	0900	G	W	6	N	3	1	2	
BCC_Area B_RFI-27 MS_0614	6/23/14	0915	G	W	6	N	3	1	2	
BCC_Area B_RFI-27 MSD_0614	6/23/14	0930	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	N/A	2		2			
Container Volume (ml)							40	250	TWA - 125 - 0	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

Possible Hazard Identification
[ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	6/23/14			6/23/14 1645
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

3.6 #1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-62504-1

Login Number: 62504

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	osc
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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: 480-66679-1
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: Andrew Madden

Authorized for release by:
9/18/2014 4:11:45 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-66679-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-66679-1

Comments
No additional comments.

Receipt
The samples were received on 9/4/2014 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA
Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27 0914 (480-66679-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-28 D 0914 (480-66679-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-28 0914 (480-66679-4), BCC Area B RFI-28 MS 0914 (480-66679-4 MS), BCC Area B RFI-28 MSD 0914 (480-66679-4 MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
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.

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 B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 D 0914 — Lab Sample ID: 480-66679-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	4.4	J	9.6	2.5	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	7.7	J	19	4.2	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	1.6	J	9.6	1.2	ug/L	1		8270D	Total/NA
Aluminum	0.083	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.042		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.025		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	177		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0053		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0032	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.29		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	16.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0043	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	349		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.016		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0022	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-18 0914 — Lab Sample ID: 480-66679-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	9.6		9.3	2.4	ug/L	1		8270D	Total/NA
Diethyl phthalate	2.7	J	9.3	2.7	ug/L	1		8270D	Total/NA
Aluminum	0.45		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.021		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.096		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	651		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.020		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.011		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	18.0		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	219		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	3.2		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.033		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.4		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.013	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	840		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.017		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-27 0914 — Lab Sample ID: 480-66679-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	620		10	3.6	ug/L	10		8260C	Total/NA
Trichloroethene	55		10	4.6	ug/L	10		8260C	Total/NA
Arsenic	0.0065	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.043		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	219		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.41		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.011		0.0040	0.00063	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area B RFI-27 0914 (Continued) — Lab Sample ID: 480-66679-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.013		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	103		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.66		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.28		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	304		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0018	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0033	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28 0914 — Lab Sample ID: 480-66679-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Chloroaniline	3.1	J	9.6	2.8	ug/L	1		8270D	Total/NA
Aniline	7.1	J	9.6	2.5	ug/L	1		8270D	Total/NA
Naphthalene	1.0	J	1.9	0.22	ug/L	1		8270D	Total/NA
N-Nitrosodiphenylamine	1.8	J	9.6	1.2	ug/L	1		8270D	Total/NA
Aluminum	0.077	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.041		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.026		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	178		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0067		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0034	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.29		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0040	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	353		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.016		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0039	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30 0914 — Lab Sample ID: 480-66679-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0069	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.038		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00062	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	280		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.88		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0061		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.027		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	4.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	104		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.69		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.21		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	364		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0044	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.018		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: TRIP BLANK **Lab Sample ID: 480-66679-6**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 D 0914
Date Collected: 09/04/14 12:40
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-1
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/16/14 14:32	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/16/14 14:32	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/16/14 14:32	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/16/14 14:32	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/16/14 14:32	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/16/14 14:32	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/16/14 14:32	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/16/14 14:32	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/16/14 14:32	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/16/14 14:32	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/16/14 14:32	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/16/14 14:32	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/16/14 14:32	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/16/14 14:32	10
2-Butanone (MEK)	ND		100	13	ug/L			09/16/14 14:32	10
2-Hexanone	ND		50	12	ug/L			09/16/14 14:32	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/16/14 14:32	10
Acetone	ND		100	30	ug/L			09/16/14 14:32	10
Benzene	ND		10	4.1	ug/L			09/16/14 14:32	10
Bromodichloromethane	ND		10	3.9	ug/L			09/16/14 14:32	10
Bromoform	ND		10	2.6	ug/L			09/16/14 14:32	10
Bromomethane	ND		10	6.9	ug/L			09/16/14 14:32	10
Carbon disulfide	ND		10	1.9	ug/L			09/16/14 14:32	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/16/14 14:32	10
Chlorobenzene	ND		10	7.5	ug/L			09/16/14 14:32	10
Chloroethane	ND		10	3.2	ug/L			09/16/14 14:32	10
Chloroform	ND		10	3.4	ug/L			09/16/14 14:32	10
Chloromethane	ND		10	3.5	ug/L			09/16/14 14:32	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/16/14 14:32	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/16/14 14:32	10
Cyclohexane	ND		10	1.8	ug/L			09/16/14 14:32	10
Dibromochloromethane	ND		10	3.2	ug/L			09/16/14 14:32	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/16/14 14:32	10
Ethylbenzene	ND		10	7.4	ug/L			09/16/14 14:32	10
Isopropylbenzene	ND		10	7.9	ug/L			09/16/14 14:32	10
Methyl acetate	ND		25	5.0	ug/L			09/16/14 14:32	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/16/14 14:32	10
Methylcyclohexane	ND		10	1.6	ug/L			09/16/14 14:32	10
Methylene Chloride	ND		10	4.4	ug/L			09/16/14 14:32	10
Styrene	ND		10	7.3	ug/L			09/16/14 14:32	10
Tetrachloroethene	ND		10	3.6	ug/L			09/16/14 14:32	10
Toluene	ND		10	5.1	ug/L			09/16/14 14:32	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/16/14 14:32	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/16/14 14:32	10
Trichloroethene	ND		10	4.6	ug/L			09/16/14 14:32	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/16/14 14:32	10
Vinyl chloride	ND		10	9.0	ug/L			09/16/14 14:32	10
Xylenes, Total	ND		20	6.6	ug/L			09/16/14 14:32	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 D 0914
Date Collected: 09/04/14 12:40
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		09/16/14 14:32	10
4-Bromofluorobenzene (Surr)	92		73 - 120		09/16/14 14:32	10
Toluene-d8 (Surr)	92		71 - 126		09/16/14 14:32	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.6	1.2	ug/L		09/09/14 09:22	09/11/14 17:16	1
2,4,6-Trichlorophenol	ND		9.6	2.9	ug/L		09/09/14 09:22	09/11/14 17:16	1
2,4-Dichlorophenol	ND		9.6	0.65	ug/L		09/09/14 09:22	09/11/14 17:16	1
2,4-Dimethylphenol	ND		9.6	1.6	ug/L		09/09/14 09:22	09/11/14 17:16	1
2,4-Dinitrophenol	ND		48	24	ug/L		09/09/14 09:22	09/11/14 17:16	1
2,4-Dinitrotoluene	ND		9.6	2.1	ug/L		09/09/14 09:22	09/11/14 17:16	1
2,6-Dinitrotoluene	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 17:16	1
2-Chloronaphthalene	ND		1.9	0.30	ug/L		09/09/14 09:22	09/11/14 17:16	1
2-Chlorophenol	ND		9.6	2.2	ug/L		09/09/14 09:22	09/11/14 17:16	1
2-Methylnaphthalene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 17:16	1
2-Methylphenol	ND		9.6	1.8	ug/L		09/09/14 09:22	09/11/14 17:16	1
2-Nitroaniline	ND		48	6.5	ug/L		09/09/14 09:22	09/11/14 17:16	1
2-Nitrophenol	ND		9.6	1.1	ug/L		09/09/14 09:22	09/11/14 17:16	1
3,3'-Dichlorobenzidine	ND		9.6	1.4	ug/L		09/09/14 09:22	09/11/14 17:16	1
3-Nitroaniline	ND		48	7.7	ug/L		09/09/14 09:22	09/11/14 17:16	1
4,6-Dinitro-2-methylphenol	ND		48	15	ug/L		09/09/14 09:22	09/11/14 17:16	1
4-Bromophenyl phenyl ether	ND		9.6	1.1	ug/L		09/09/14 09:22	09/11/14 17:16	1
4-Chloro-3-methylphenol	ND		9.6	1.6	ug/L		09/09/14 09:22	09/11/14 17:16	1
4-Chloroaniline	ND		9.6	2.8	ug/L		09/09/14 09:22	09/11/14 17:16	1
4-Chlorophenyl phenyl ether	ND		9.6	0.77	ug/L		09/09/14 09:22	09/11/14 17:16	1
4-Methylphenol	ND		9.6	2.0	ug/L		09/09/14 09:22	09/11/14 17:16	1
4-Nitroaniline	ND		48	7.4	ug/L		09/09/14 09:22	09/11/14 17:16	1
4-Nitrophenol	ND		48	7.7	ug/L		09/09/14 09:22	09/11/14 17:16	1
Acenaphthene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 17:16	1
Acenaphthylene	ND		1.9	0.21	ug/L		09/09/14 09:22	09/11/14 17:16	1
Acetophenone	ND		19	1.1	ug/L		09/09/14 09:22	09/11/14 17:16	1
Aniline	**4.4**	**J**	9.6	2.5	ug/L		09/09/14 09:22	09/11/14 17:16	1
Anthracene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 17:16	1
Atrazine	ND		19	2.1	ug/L		09/09/14 09:22	09/11/14 17:16	1
Benzaldehyde	ND		19	1.0	ug/L		09/09/14 09:22	09/11/14 17:16	1
Benzo(a)anthracene	ND		1.9	0.35	ug/L		09/09/14 09:22	09/11/14 17:16	1
Benzo(a)pyrene	ND		1.9	0.27	ug/L		09/09/14 09:22	09/11/14 17:16	1
Benzo(b)fluoranthene	ND		1.9	0.47	ug/L		09/09/14 09:22	09/11/14 17:16	1
Benzo(g,h,i)perylene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 17:16	1
Benzo(k)fluoranthene	ND		1.9	0.29	ug/L		09/09/14 09:22	09/11/14 17:16	1
Biphenyl	ND		9.6	1.0	ug/L		09/09/14 09:22	09/11/14 17:16	1
bis (2-chloroisopropyl) ether	ND		9.6	0.23	ug/L		09/09/14 09:22	09/11/14 17:16	1
Bis(2-chloroethoxy)methane	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 17:16	1
Bis(2-chloroethyl)ether	ND		9.6	0.30	ug/L		09/09/14 09:22	09/11/14 17:16	1
Bis(2-ethylhexyl) phthalate	**7.7**	**J**	19	4.2	ug/L		09/09/14 09:22	09/11/14 17:16	1
Butyl benzyl phthalate	ND		9.6	2.1	ug/L		09/09/14 09:22	09/11/14 17:16	1
Caprolactam	ND		48	14	ug/L		09/09/14 09:22	09/11/14 17:16	1
Carbazole	ND		9.6	0.26	ug/L		09/09/14 09:22	09/11/14 17:16	1
Chrysene	ND		1.9	0.30	ug/L		09/09/14 09:22	09/11/14 17:16	1

Client Sample ID: BCC Area B RFI-28 D 0914
Date Collected: 09/04/14 12:40
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-1
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.26	ug/L		09/09/14 09:22	09/11/14 17:16	1
Dibenzofuran	ND		9.6	0.93	ug/L		09/09/14 09:22	09/11/14 17:16	1
Diethyl phthalate	ND		9.6	2.9	ug/L		09/09/14 09:22	09/11/14 17:16	1
Dimethyl phthalate	ND		9.6	1.8	ug/L		09/09/14 09:22	09/11/14 17:16	1
Di-n-butyl phthalate	ND		9.6	2.3	ug/L		09/09/14 09:22	09/11/14 17:16	1
Di-n-octyl phthalate	ND		9.6	2.0	ug/L		09/09/14 09:22	09/11/14 17:16	1
Fluoranthene	ND		1.9	0.20	ug/L		09/09/14 09:22	09/11/14 17:16	1
Fluorene	ND		1.9	0.23	ug/L		09/09/14 09:22	09/11/14 17:16	1
Hexachlorobenzene	ND		9.6	0.59	ug/L		09/09/14 09:22	09/11/14 17:16	1
Hexachlorobutadiene	ND		9.6	0.90	ug/L		09/09/14 09:22	09/11/14 17:16	1
Hexachlorocyclopentadiene	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 17:16	1
Hexachloroethane	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 17:16	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.42	ug/L		09/09/14 09:22	09/11/14 17:16	1
Isophorone	ND		9.6	0.71	ug/L		09/09/14 09:22	09/11/14 17:16	1
Naphthalene	ND		1.9	0.22	ug/L		09/09/14 09:22	09/11/14 17:16	1
Nitrobenzene	ND		19	1.4	ug/L		09/09/14 09:22	09/11/14 17:16	1
N-Nitrosodi-n-propylamine	ND		9.6	0.48	ug/L		09/09/14 09:22	09/11/14 17:16	1
N-Nitrosodiphenylamine	**1.6**	**J**	9.6	1.2	ug/L		09/09/14 09:22	09/11/14 17:16	1
Pentachlorophenol	ND		9.6	4.8	ug/L		09/09/14 09:22	09/11/14 17:16	1
Phenanthrene	ND		1.9	0.40	ug/L		09/09/14 09:22	09/11/14 17:16	1
Phenol	ND		9.6	0.53	ug/L		09/09/14 09:22	09/11/14 17:16	1
Pyrene	ND		1.9	0.22	ug/L		09/09/14 09:22	09/11/14 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:16*	*1*
2-Fluorobiphenyl	*82*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:16*	*1*
2-Fluorophenol	*69*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:16*	*1*
Nitrobenzene-d5	*82*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:16*	*1*
Phenol-d5	*78*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:16*	*1*
Terphenyl-d14 (Surr)	*52*		*10 - 150*	*09/09/14 09:22*	*09/11/14 17:16*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.083**	**J**	0.20	0.060	mg/L		09/11/14 10:39	09/11/14 19:55	1
Antimony	ND		0.020	0.0068	mg/L		09/11/14 10:39	09/11/14 19:55	1
Arsenic	**0.042**		0.015	0.0056	mg/L		09/11/14 10:39	09/16/14 10:49	1
Barium	**0.025**		0.0020	0.00070	mg/L		09/11/14 10:39	09/11/14 19:55	1
Beryllium	ND		0.0020	0.00030	mg/L		09/11/14 10:39	09/11/14 19:55	1
Cadmium	ND		0.0020	0.00050	mg/L		09/11/14 10:39	09/11/14 19:55	1
Calcium	**177**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 19:55	1
Chromium	**0.0053**		0.0040	0.0010	mg/L		09/11/14 10:39	09/11/14 19:55	1
Cobalt	ND		0.0040	0.00063	mg/L		09/11/14 10:39	09/11/14 19:55	1
Copper	**0.0032**	**J**	0.010	0.0016	mg/L		09/11/14 10:39	09/16/14 10:49	1
Iron	**0.29**		0.050	0.019	mg/L		09/11/14 10:39	09/11/14 19:55	1
Lead	ND		0.010	0.0030	mg/L		09/11/14 10:39	09/11/14 19:55	1
Magnesium	**16.8**		0.20	0.043	mg/L		09/11/14 10:39	09/11/14 19:55	1
Manganese	**0.16**		0.0030	0.00040	mg/L		09/11/14 10:39	09/11/14 19:55	1
Nickel	**0.0043**	**J**	0.010	0.0013	mg/L		09/11/14 10:39	09/11/14 19:55	1
Potassium	**6.7**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 19:55	1
Selenium	ND		0.025	0.0087	mg/L		09/11/14 10:39	09/11/14 19:55	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 D 0914
Date Collected: 09/04/14 12:40
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-1
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/11/14 10:39	09/11/14 19:55	1
Sodium	**349**		1.0	0.32	mg/L		09/11/14 10:39	09/11/14 19:55	1
Thallium	ND		0.020	0.010	mg/L		09/11/14 10:39	09/11/14 19:55	1
Vanadium	**0.016**		0.0050	0.0015	mg/L		09/11/14 10:39	09/11/14 19:55	1
Zinc	**0.0022**	**J**	0.010	0.0015	mg/L		09/11/14 10:39	09/16/14 10:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/14 09:10	09/09/14 16:54	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-18 0914
Date Collected: 09/04/14 13:35
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-2
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/16/14 14:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/16/14 14:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/16/14 14:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/16/14 14:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/16/14 14:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/16/14 14:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/16/14 14:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/16/14 14:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/16/14 14:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/16/14 14:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/16/14 14:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/16/14 14:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/16/14 14:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/16/14 14:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/16/14 14:57	1
2-Hexanone	ND		5.0	1.2	ug/L			09/16/14 14:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/16/14 14:57	1
Acetone	ND		10	3.0	ug/L			09/16/14 14:57	1
Benzene	ND		1.0	0.41	ug/L			09/16/14 14:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/16/14 14:57	1
Bromoform	ND		1.0	0.26	ug/L			09/16/14 14:57	1
Bromomethane	ND		1.0	0.69	ug/L			09/16/14 14:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/16/14 14:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/16/14 14:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/16/14 14:57	1
Chloroethane	ND		1.0	0.32	ug/L			09/16/14 14:57	1
Chloroform	ND		1.0	0.34	ug/L			09/16/14 14:57	1
Chloromethane	ND		1.0	0.35	ug/L			09/16/14 14:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/16/14 14:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/16/14 14:57	1
Cyclohexane	ND		1.0	0.18	ug/L			09/16/14 14:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/16/14 14:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/16/14 14:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/16/14 14:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/16/14 14:57	1
Methyl acetate	ND		2.5	0.50	ug/L			09/16/14 14:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/16/14 14:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/16/14 14:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/16/14 14:57	1
Styrene	ND		1.0	0.73	ug/L			09/16/14 14:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/16/14 14:57	1
Toluene	ND		1.0	0.51	ug/L			09/16/14 14:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/16/14 14:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/16/14 14:57	1
Trichloroethene	ND		1.0	0.46	ug/L			09/16/14 14:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/16/14 14:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/16/14 14:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/16/14 14:57	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-18 0914
Date Collected: 09/04/14 13:35
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*09/16/14 14:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*09/16/14 14:57*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*09/16/14 14:57*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.3	1.1	ug/L		09/09/14 09:22	09/11/14 17:46	1
2,4,6-Trichlorophenol	ND		9.3	2.8	ug/L		09/09/14 09:22	09/11/14 17:46	1
2,4-Dichlorophenol	ND		9.3	0.62	ug/L		09/09/14 09:22	09/11/14 17:46	1
2,4-Dimethylphenol	ND		9.3	1.6	ug/L		09/09/14 09:22	09/11/14 17:46	1
2,4-Dinitrophenol	ND		46	23	ug/L		09/09/14 09:22	09/11/14 17:46	1
2,4-Dinitrotoluene	ND		9.3	2.0	ug/L		09/09/14 09:22	09/11/14 17:46	1
2,6-Dinitrotoluene	ND		9.3	1.3	ug/L		09/09/14 09:22	09/11/14 17:46	1
2-Chloronaphthalene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 17:46	1
2-Chlorophenol	ND		9.3	2.1	ug/L		09/09/14 09:22	09/11/14 17:46	1
2-Methylnaphthalene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 17:46	1
2-Methylphenol	ND		9.3	1.7	ug/L		09/09/14 09:22	09/11/14 17:46	1
2-Nitroaniline	ND		46	6.2	ug/L		09/09/14 09:22	09/11/14 17:46	1
2-Nitrophenol	ND		9.3	1.0	ug/L		09/09/14 09:22	09/11/14 17:46	1
3,3'-Dichlorobenzidine	ND		9.3	1.4	ug/L		09/09/14 09:22	09/11/14 17:46	1
3-Nitroaniline	ND		46	7.5	ug/L		09/09/14 09:22	09/11/14 17:46	1
4,6-Dinitro-2-methylphenol	ND		46	14	ug/L		09/09/14 09:22	09/11/14 17:46	1
4-Bromophenyl phenyl ether	ND		9.3	1.1	ug/L		09/09/14 09:22	09/11/14 17:46	1
4-Chloro-3-methylphenol	ND		9.3	1.6	ug/L		09/09/14 09:22	09/11/14 17:46	1
4-Chloroaniline	ND		9.3	2.7	ug/L		09/09/14 09:22	09/11/14 17:46	1
4-Chlorophenyl phenyl ether	ND		9.3	0.74	ug/L		09/09/14 09:22	09/11/14 17:46	1
4-Methylphenol	ND		9.3	1.9	ug/L		09/09/14 09:22	09/11/14 17:46	1
4-Nitroaniline	ND		46	7.2	ug/L		09/09/14 09:22	09/11/14 17:46	1
4-Nitrophenol	ND		46	7.4	ug/L		09/09/14 09:22	09/11/14 17:46	1
Acenaphthene	ND		1.9	0.27	ug/L		09/09/14 09:22	09/11/14 17:46	1
Acenaphthylene	ND		1.9	0.20	ug/L		09/09/14 09:22	09/11/14 17:46	1
Acetophenone	ND		19	1.0	ug/L		09/09/14 09:22	09/11/14 17:46	1
Aniline	**9.6**		9.3	2.4	ug/L		09/09/14 09:22	09/11/14 17:46	1
Anthracene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 17:46	1
Atrazine	ND		19	2.1	ug/L		09/09/14 09:22	09/11/14 17:46	1
Benzaldehyde	ND		19	0.98	ug/L		09/09/14 09:22	09/11/14 17:46	1
Benzo(a)anthracene	ND		1.9	0.34	ug/L		09/09/14 09:22	09/11/14 17:46	1
Benzo(a)pyrene	ND		1.9	0.26	ug/L		09/09/14 09:22	09/11/14 17:46	1
Benzo(b)fluoranthene	ND		1.9	0.45	ug/L		09/09/14 09:22	09/11/14 17:46	1
Benzo(g,h,i)perylene	ND		1.9	0.27	ug/L		09/09/14 09:22	09/11/14 17:46	1
Benzo(k)fluoranthene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 17:46	1
Biphenyl	ND		9.3	0.97	ug/L		09/09/14 09:22	09/11/14 17:46	1
bis (2-chloroisopropyl) ether	ND		9.3	0.22	ug/L		09/09/14 09:22	09/11/14 17:46	1
Bis(2-chloroethoxy)methane	ND		9.3	1.2	ug/L		09/09/14 09:22	09/11/14 17:46	1
Bis(2-chloroethyl)ether	ND		9.3	0.29	ug/L		09/09/14 09:22	09/11/14 17:46	1
Bis(2-ethylhexyl) phthalate	ND		19	4.1	ug/L		09/09/14 09:22	09/11/14 17:46	1
Butyl benzyl phthalate	ND		9.3	2.0	ug/L		09/09/14 09:22	09/11/14 17:46	1
Caprolactam	ND		46	14	ug/L		09/09/14 09:22	09/11/14 17:46	1
Carbazole	ND		9.3	0.25	ug/L		09/09/14 09:22	09/11/14 17:46	1
Chrysene	ND		1.9	0.29	ug/L		09/09/14 09:22	09/11/14 17:46	1

Client Sample ID: BCC Area B RFI-18 0914
Date Collected: 09/04/14 13:35
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-2
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.25	ug/L		09/09/14 09:22	09/11/14 17:46	1
Dibenzofuran	ND		9.3	0.89	ug/L		09/09/14 09:22	09/11/14 17:46	1
Diethyl phthalate	**2.7**	**J**	9.3	2.7	ug/L		09/09/14 09:22	09/11/14 17:46	1
Dimethyl phthalate	ND		9.3	1.7	ug/L		09/09/14 09:22	09/11/14 17:46	1
Di-n-butyl phthalate	ND		9.3	2.2	ug/L		09/09/14 09:22	09/11/14 17:46	1
Di-n-octyl phthalate	ND		9.3	1.9	ug/L		09/09/14 09:22	09/11/14 17:46	1
Fluoranthene	ND		1.9	0.20	ug/L		09/09/14 09:22	09/11/14 17:46	1
Fluorene	ND		1.9	0.22	ug/L		09/09/14 09:22	09/11/14 17:46	1
Hexachlorobenzene	ND		9.3	0.56	ug/L		09/09/14 09:22	09/11/14 17:46	1
Hexachlorobutadiene	ND		9.3	0.87	ug/L		09/09/14 09:22	09/11/14 17:46	1
Hexachlorocyclopentadiene	ND		9.3	1.3	ug/L		09/09/14 09:22	09/11/14 17:46	1
Hexachloroethane	ND		9.3	1.3	ug/L		09/09/14 09:22	09/11/14 17:46	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.40	ug/L		09/09/14 09:22	09/11/14 17:46	1
Isophorone	ND		9.3	0.68	ug/L		09/09/14 09:22	09/11/14 17:46	1
Naphthalene	ND		1.9	0.21	ug/L		09/09/14 09:22	09/11/14 17:46	1
Nitrobenzene	ND		19	1.4	ug/L		09/09/14 09:22	09/11/14 17:46	1
N-Nitrosodi-n-propylamine	ND		9.3	0.46	ug/L		09/09/14 09:22	09/11/14 17:46	1
N-Nitrosodiphenylamine	ND		9.3	1.1	ug/L		09/09/14 09:22	09/11/14 17:46	1
Pentachlorophenol	ND		9.3	4.6	ug/L		09/09/14 09:22	09/11/14 17:46	1
Phenanthrene	ND		1.9	0.38	ug/L		09/09/14 09:22	09/11/14 17:46	1
Phenol	ND		9.3	0.51	ug/L		09/09/14 09:22	09/11/14 17:46	1
Pyrene	ND		1.9	0.21	ug/L		09/09/14 09:22	09/11/14 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:46*	*1*
2-Fluorobiphenyl	*89*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:46*	*1*
2-Fluorophenol	*86*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:46*	*1*
Nitrobenzene-d5	*90*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:46*	*1*
Phenol-d5	*92*		*30 - 150*	*09/09/14 09:22*	*09/11/14 17:46*	*1*
Terphenyl-d14 (Surr)	*64*		*10 - 150*	*09/09/14 09:22*	*09/11/14 17:46*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.45**		0.20	0.060	mg/L		09/11/14 10:39	09/11/14 20:06	1
Antimony	ND		0.020	0.0068	mg/L		09/11/14 10:39	09/11/14 20:06	1
Arsenic	**0.021**		0.015	0.0056	mg/L		09/11/14 10:39	09/16/14 10:51	1
Barium	**0.096**		0.0020	0.00070	mg/L		09/11/14 10:39	09/11/14 20:06	1
Beryllium	ND		0.0020	0.00030	mg/L		09/11/14 10:39	09/11/14 20:06	1
Cadmium	ND		0.0020	0.00050	mg/L		09/11/14 10:39	09/11/14 20:06	1
Calcium	**651**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:06	1
Chromium	**0.020**		0.0040	0.0010	mg/L		09/11/14 10:39	09/11/14 20:06	1
Cobalt	**0.011**		0.0040	0.00063	mg/L		09/11/14 10:39	09/11/14 20:06	1
Copper	**0.0090**	**J**	0.010	0.0016	mg/L		09/11/14 10:39	09/16/14 10:51	1
Iron	**18.0**		0.050	0.019	mg/L		09/11/14 10:39	09/11/14 20:06	1
Lead	**0.0039**	**J**	0.010	0.0030	mg/L		09/11/14 10:39	09/11/14 20:06	1
Magnesium	**219**		0.20	0.043	mg/L		09/11/14 10:39	09/11/14 20:06	1
Manganese	**3.2**		0.0030	0.00040	mg/L		09/11/14 10:39	09/11/14 20:06	1
Nickel	**0.033**		0.010	0.0013	mg/L		09/11/14 10:39	09/11/14 20:06	1
Potassium	**2.4**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:06	1
Selenium	**0.013**	**J**	0.025	0.0087	mg/L		09/11/14 10:39	09/11/14 20:06	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-18 0914
Date Collected: 09/04/14 13:35
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-2
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/11/14 10:39	09/11/14 20:06	1
Sodium	**840**		1.0	0.32	mg/L		09/11/14 10:39	09/11/14 20:06	1
Thallium	ND		0.020	0.010	mg/L		09/11/14 10:39	09/11/14 20:06	1
Vanadium	ND		0.0050	0.0015	mg/L		09/11/14 10:39	09/11/14 20:06	1
Zinc	**0.017**		0.010	0.0015	mg/L		09/11/14 10:39	09/16/14 10:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/14 09:10	09/09/14 16:55	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-27 0914
Date Collected: 09/04/14 14:49
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-3
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/16/14 15:22	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/16/14 15:22	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/16/14 15:22	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/16/14 15:22	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/16/14 15:22	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/16/14 15:22	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/16/14 15:22	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/16/14 15:22	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/16/14 15:22	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/16/14 15:22	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/16/14 15:22	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/16/14 15:22	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/16/14 15:22	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/16/14 15:22	10
2-Butanone (MEK)	ND		100	13	ug/L			09/16/14 15:22	10
2-Hexanone	ND		50	12	ug/L			09/16/14 15:22	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/16/14 15:22	10
Acetone	ND		100	30	ug/L			09/16/14 15:22	10
Benzene	ND		10	4.1	ug/L			09/16/14 15:22	10
Bromodichloromethane	ND		10	3.9	ug/L			09/16/14 15:22	10
Bromoform	ND		10	2.6	ug/L			09/16/14 15:22	10
Bromomethane	ND		10	6.9	ug/L			09/16/14 15:22	10
Carbon disulfide	ND		10	1.9	ug/L			09/16/14 15:22	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/16/14 15:22	10
Chlorobenzene	ND		10	7.5	ug/L			09/16/14 15:22	10
Chloroethane	ND		10	3.2	ug/L			09/16/14 15:22	10
Chloroform	ND		10	3.4	ug/L			09/16/14 15:22	10
Chloromethane	ND		10	3.5	ug/L			09/16/14 15:22	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/16/14 15:22	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/16/14 15:22	10
Cyclohexane	ND		10	1.8	ug/L			09/16/14 15:22	10
Dibromochloromethane	ND		10	3.2	ug/L			09/16/14 15:22	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/16/14 15:22	10
Ethylbenzene	ND		10	7.4	ug/L			09/16/14 15:22	10
Isopropylbenzene	ND		10	7.9	ug/L			09/16/14 15:22	10
Methyl acetate	ND		25	5.0	ug/L			09/16/14 15:22	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/16/14 15:22	10
Methylcyclohexane	ND		10	1.6	ug/L			09/16/14 15:22	10
Methylene Chloride	ND		10	4.4	ug/L			09/16/14 15:22	10
Styrene	ND		10	7.3	ug/L			09/16/14 15:22	10
Tetrachloroethene	**620**		10	3.6	ug/L			09/16/14 15:22	10
Toluene	ND		10	5.1	ug/L			09/16/14 15:22	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/16/14 15:22	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/16/14 15:22	10
Trichloroethene	**55**		10	4.6	ug/L			09/16/14 15:22	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/16/14 15:22	10
Vinyl chloride	ND		10	9.0	ug/L			09/16/14 15:22	10
Xylenes, Total	ND		20	6.6	ug/L			09/16/14 15:22	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-27 0914
Date Collected: 09/04/14 14:49
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		09/16/14 15:22	10
4-Bromofluorobenzene (Surr)	93		73 - 120		09/16/14 15:22	10
Toluene-d8 (Surr)	92		71 - 126		09/16/14 15:22	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.3	1.1	ug/L		09/09/14 09:22	09/11/14 18:15	1
2,4,6-Trichlorophenol	ND		9.3	2.8	ug/L		09/09/14 09:22	09/11/14 18:15	1
2,4-Dichlorophenol	ND		9.3	0.62	ug/L		09/09/14 09:22	09/11/14 18:15	1
2,4-Dimethylphenol	ND		9.3	1.6	ug/L		09/09/14 09:22	09/11/14 18:15	1
2,4-Dinitrophenol	ND		46	23	ug/L		09/09/14 09:22	09/11/14 18:15	1
2,4-Dinitrotoluene	ND		9.3	2.0	ug/L		09/09/14 09:22	09/11/14 18:15	1
2,6-Dinitrotoluene	ND		9.3	1.3	ug/L		09/09/14 09:22	09/11/14 18:15	1
2-Chloronaphthalene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 18:15	1
2-Chlorophenol	ND		9.3	2.1	ug/L		09/09/14 09:22	09/11/14 18:15	1
2-Methylnaphthalene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 18:15	1
2-Methylphenol	ND		9.3	1.7	ug/L		09/09/14 09:22	09/11/14 18:15	1
2-Nitroaniline	ND		46	6.2	ug/L		09/09/14 09:22	09/11/14 18:15	1
2-Nitrophenol	ND		9.3	1.0	ug/L		09/09/14 09:22	09/11/14 18:15	1
3,3'-Dichlorobenzidine	ND		9.3	1.4	ug/L		09/09/14 09:22	09/11/14 18:15	1
3-Nitroaniline	ND		46	7.5	ug/L		09/09/14 09:22	09/11/14 18:15	1
4,6-Dinitro-2-methylphenol	ND		46	14	ug/L		09/09/14 09:22	09/11/14 18:15	1
4-Bromophenyl phenyl ether	ND		9.3	1.1	ug/L		09/09/14 09:22	09/11/14 18:15	1
4-Chloro-3-methylphenol	ND		9.3	1.6	ug/L		09/09/14 09:22	09/11/14 18:15	1
4-Chloroaniline	ND		9.3	2.7	ug/L		09/09/14 09:22	09/11/14 18:15	1
4-Chlorophenyl phenyl ether	ND		9.3	0.74	ug/L		09/09/14 09:22	09/11/14 18:15	1
4-Methylphenol	ND		9.3	1.9	ug/L		09/09/14 09:22	09/11/14 18:15	1
4-Nitroaniline	ND		46	7.2	ug/L		09/09/14 09:22	09/11/14 18:15	1
4-Nitrophenol	ND		46	7.4	ug/L		09/09/14 09:22	09/11/14 18:15	1
Acenaphthene	ND		1.9	0.27	ug/L		09/09/14 09:22	09/11/14 18:15	1
Acenaphthylene	ND		1.9	0.20	ug/L		09/09/14 09:22	09/11/14 18:15	1
Acetophenone	ND		19	1.0	ug/L		09/09/14 09:22	09/11/14 18:15	1
Aniline	ND		9.3	2.4	ug/L		09/09/14 09:22	09/11/14 18:15	1
Anthracene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 18:15	1
Atrazine	ND		19	2.1	ug/L		09/09/14 09:22	09/11/14 18:15	1
Benzaldehyde	ND		19	0.98	ug/L		09/09/14 09:22	09/11/14 18:15	1
Benzo(a)anthracene	ND		1.9	0.34	ug/L		09/09/14 09:22	09/11/14 18:15	1
Benzo(a)pyrene	ND		1.9	0.26	ug/L		09/09/14 09:22	09/11/14 18:15	1
Benzo(b)fluoranthene	ND		1.9	0.45	ug/L		09/09/14 09:22	09/11/14 18:15	1
Benzo(g,h,i)perylene	ND		1.9	0.27	ug/L		09/09/14 09:22	09/11/14 18:15	1
Benzo(k)fluoranthene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 18:15	1
Biphenyl	ND		9.3	0.97	ug/L		09/09/14 09:22	09/11/14 18:15	1
bis (2-chloroisopropyl) ether	ND		9.3	0.22	ug/L		09/09/14 09:22	09/11/14 18:15	1
Bis(2-chloroethoxy)methane	ND		9.3	1.2	ug/L		09/09/14 09:22	09/11/14 18:15	1
Bis(2-chloroethyl)ether	ND		9.3	0.29	ug/L		09/09/14 09:22	09/11/14 18:15	1
Bis(2-ethylhexyl) phthalate	ND		19	4.1	ug/L		09/09/14 09:22	09/11/14 18:15	1
Butyl benzyl phthalate	ND		9.3	2.0	ug/L		09/09/14 09:22	09/11/14 18:15	1
Caprolactam	ND		46	14	ug/L		09/09/14 09:22	09/11/14 18:15	1
Carbazole	ND		9.3	0.25	ug/L		09/09/14 09:22	09/11/14 18:15	1
Chrysene	ND		1.9	0.29	ug/L		09/09/14 09:22	09/11/14 18:15	1

Client Sample ID: BCC Area B RFI-27 0914
Date Collected: 09/04/14 14:49
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-3
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.25	ug/L		09/09/14 09:22	09/11/14 18:15	1
Dibenzofuran	ND		9.3	0.89	ug/L		09/09/14 09:22	09/11/14 18:15	1
Diethyl phthalate	ND		9.3	2.7	ug/L		09/09/14 09:22	09/11/14 18:15	1
Dimethyl phthalate	ND		9.3	1.7	ug/L		09/09/14 09:22	09/11/14 18:15	1
Di-n-butyl phthalate	ND		9.3	2.2	ug/L		09/09/14 09:22	09/11/14 18:15	1
Di-n-octyl phthalate	ND		9.3	1.9	ug/L		09/09/14 09:22	09/11/14 18:15	1
Fluoranthene	ND		1.9	0.20	ug/L		09/09/14 09:22	09/11/14 18:15	1
Fluorene	ND		1.9	0.22	ug/L		09/09/14 09:22	09/11/14 18:15	1
Hexachlorobenzene	ND		9.3	0.56	ug/L		09/09/14 09:22	09/11/14 18:15	1
Hexachlorobutadiene	ND		9.3	0.87	ug/L		09/09/14 09:22	09/11/14 18:15	1
Hexachlorocyclopentadiene	ND		9.3	1.3	ug/L		09/09/14 09:22	09/11/14 18:15	1
Hexachloroethane	ND		9.3	1.3	ug/L		09/09/14 09:22	09/11/14 18:15	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.40	ug/L		09/09/14 09:22	09/11/14 18:15	1
Isophorone	ND		9.3	0.68	ug/L		09/09/14 09:22	09/11/14 18:15	1
Naphthalene	ND		1.9	0.21	ug/L		09/09/14 09:22	09/11/14 18:15	1
Nitrobenzene	ND		19	1.4	ug/L		09/09/14 09:22	09/11/14 18:15	1
N-Nitrosodi-n-propylamine	ND		9.3	0.46	ug/L		09/09/14 09:22	09/11/14 18:15	1
N-Nitrosodiphenylamine	ND		9.3	1.1	ug/L		09/09/14 09:22	09/11/14 18:15	1
Pentachlorophenol	ND		9.3	4.6	ug/L		09/09/14 09:22	09/11/14 18:15	1
Phenanthrene	ND		1.9	0.38	ug/L		09/09/14 09:22	09/11/14 18:15	1
Phenol	ND		9.3	0.51	ug/L		09/09/14 09:22	09/11/14 18:15	1
Pyrene	ND		1.9	0.21	ug/L		09/09/14 09:22	09/11/14 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:15*	*1*
2-Fluorobiphenyl	*80*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:15*	*1*
2-Fluorophenol	*73*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:15*	*1*
Nitrobenzene-d5	*79*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:15*	*1*
Phenol-d5	*81*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:15*	*1*
Terphenyl-d14 (Surr)	*85*		*10 - 150*	*09/09/14 09:22*	*09/11/14 18:15*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/11/14 10:39	09/11/14 20:09	1
Antimony	ND		0.020	0.0068	mg/L		09/11/14 10:39	09/11/14 20:09	1
Arsenic	**0.0065**	**J**	0.015	0.0056	mg/L		09/11/14 10:39	09/16/14 10:54	1
Barium	**0.043**		0.0020	0.00070	mg/L		09/11/14 10:39	09/11/14 20:09	1
Beryllium	ND		0.0020	0.00030	mg/L		09/11/14 10:39	09/11/14 20:09	1
Cadmium	ND		0.0020	0.00050	mg/L		09/11/14 10:39	09/11/14 20:09	1
Calcium	**219**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:09	1
Chromium	**0.41**		0.0040	0.0010	mg/L		09/11/14 10:39	09/11/14 20:09	1
Cobalt	**0.011**		0.0040	0.00063	mg/L		09/11/14 10:39	09/11/14 20:09	1
Copper	**0.013**		0.010	0.0016	mg/L		09/11/14 10:39	09/16/14 10:54	1
Iron	**2.5**		0.050	0.019	mg/L		09/11/14 10:39	09/11/14 20:09	1
Lead	ND		0.010	0.0030	mg/L		09/11/14 10:39	09/11/14 20:09	1
Magnesium	**103**		0.20	0.043	mg/L		09/11/14 10:39	09/11/14 20:09	1
Manganese	**0.66**		0.0030	0.00040	mg/L		09/11/14 10:39	09/11/14 20:09	1
Nickel	**0.28**		0.010	0.0013	mg/L		09/11/14 10:39	09/11/14 20:09	1
Potassium	**2.3**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:09	1
Selenium	ND		0.025	0.0087	mg/L		09/11/14 10:39	09/11/14 20:09	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-27 0914
Date Collected: 09/04/14 14:49
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-3
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/11/14 10:39	09/11/14 20:09	1
Sodium	**304**		1.0	0.32	mg/L		09/11/14 10:39	09/11/14 20:09	1
Thallium	ND		0.020	0.010	mg/L		09/11/14 10:39	09/11/14 20:09	1
Vanadium	**0.0018**	**J**	0.0050	0.0015	mg/L		09/11/14 10:39	09/11/14 20:09	1
Zinc	**0.0033**	**J**	0.010	0.0015	mg/L		09/11/14 10:39	09/16/14 10:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/14 09:10	09/09/14 16:57	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 0914
Date Collected: 09/04/14 12:20
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-4
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/17/14 03:11	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/17/14 03:11	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/17/14 03:11	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/17/14 03:11	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/17/14 03:11	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/17/14 03:11	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/17/14 03:11	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/17/14 03:11	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/17/14 03:11	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/17/14 03:11	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/17/14 03:11	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/17/14 03:11	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/17/14 03:11	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/17/14 03:11	10
2-Butanone (MEK)	ND		100	13	ug/L			09/17/14 03:11	10
2-Hexanone	ND		50	12	ug/L			09/17/14 03:11	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/17/14 03:11	10
Acetone	ND		100	30	ug/L			09/17/14 03:11	10
Benzene	ND		10	4.1	ug/L			09/17/14 03:11	10
Bromodichloromethane	ND		10	3.9	ug/L			09/17/14 03:11	10
Bromoform	ND		10	2.6	ug/L			09/17/14 03:11	10
Bromomethane	ND		10	6.9	ug/L			09/17/14 03:11	10
Carbon disulfide	ND		10	1.9	ug/L			09/17/14 03:11	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/17/14 03:11	10
Chlorobenzene	ND		10	7.5	ug/L			09/17/14 03:11	10
Chloroethane	ND		10	3.2	ug/L			09/17/14 03:11	10
Chloroform	ND		10	3.4	ug/L			09/17/14 03:11	10
Chloromethane	ND		10	3.5	ug/L			09/17/14 03:11	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/17/14 03:11	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/17/14 03:11	10
Cyclohexane	ND		10	1.8	ug/L			09/17/14 03:11	10
Dibromochloromethane	ND		10	3.2	ug/L			09/17/14 03:11	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/17/14 03:11	10
Ethylbenzene	ND		10	7.4	ug/L			09/17/14 03:11	10
Isopropylbenzene	ND		10	7.9	ug/L			09/17/14 03:11	10
Methyl acetate	ND		25	5.0	ug/L			09/17/14 03:11	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/17/14 03:11	10
Methylcyclohexane	ND		10	1.6	ug/L			09/17/14 03:11	10
Methylene Chloride	ND		10	4.4	ug/L			09/17/14 03:11	10
Styrene	ND		10	7.3	ug/L			09/17/14 03:11	10
Tetrachloroethene	ND		10	3.6	ug/L			09/17/14 03:11	10
Toluene	ND		10	5.1	ug/L			09/17/14 03:11	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/17/14 03:11	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/17/14 03:11	10
Trichloroethene	ND		10	4.6	ug/L			09/17/14 03:11	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/17/14 03:11	10
Vinyl chloride	ND		10	9.0	ug/L			09/17/14 03:11	10
Xylenes, Total	ND		20	6.6	ug/L			09/17/14 03:11	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 0914
Date Collected: 09/04/14 12:20
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-4
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*09/17/14 03:11*	*10*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*09/17/14 03:11*	*10*
Toluene-d8 (Surr)	*90*		*71 - 126*		*09/17/14 03:11*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.6	1.2	ug/L		09/09/14 09:22	09/11/14 18:44	1
2,4,6-Trichlorophenol	ND		9.6	2.9	ug/L		09/09/14 09:22	09/11/14 18:44	1
2,4-Dichlorophenol	ND		9.6	0.65	ug/L		09/09/14 09:22	09/11/14 18:44	1
2,4-Dimethylphenol	ND		9.6	1.6	ug/L		09/09/14 09:22	09/11/14 18:44	1
2,4-Dinitrophenol	ND		48	24	ug/L		09/09/14 09:22	09/11/14 18:44	1
2,4-Dinitrotoluene	ND		9.6	2.1	ug/L		09/09/14 09:22	09/11/14 18:44	1
2,6-Dinitrotoluene	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 18:44	1
2-Chloronaphthalene	ND		1.9	0.30	ug/L		09/09/14 09:22	09/11/14 18:44	1
2-Chlorophenol	ND		9.6	2.2	ug/L		09/09/14 09:22	09/11/14 18:44	1
2-Methylnaphthalene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 18:44	1
2-Methylphenol	ND		9.6	1.8	ug/L		09/09/14 09:22	09/11/14 18:44	1
2-Nitroaniline	ND		48	6.5	ug/L		09/09/14 09:22	09/11/14 18:44	1
2-Nitrophenol	ND		9.6	1.1	ug/L		09/09/14 09:22	09/11/14 18:44	1
3,3'-Dichlorobenzidine	ND		9.6	1.4	ug/L		09/09/14 09:22	09/11/14 18:44	1
3-Nitroaniline	ND		48	7.7	ug/L		09/09/14 09:22	09/11/14 18:44	1
4,6-Dinitro-2-methylphenol	ND		48	15	ug/L		09/09/14 09:22	09/11/14 18:44	1
4-Bromophenyl phenyl ether	ND		9.6	1.1	ug/L		09/09/14 09:22	09/11/14 18:44	1
4-Chloro-3-methylphenol	ND		9.6	1.6	ug/L		09/09/14 09:22	09/11/14 18:44	1
4-Chloroaniline	**3.1**	**J**	9.6	2.8	ug/L		09/09/14 09:22	09/11/14 18:44	1
4-Chlorophenyl phenyl ether	ND		9.6	0.77	ug/L		09/09/14 09:22	09/11/14 18:44	1
4-Methylphenol	ND		9.6	2.0	ug/L		09/09/14 09:22	09/11/14 18:44	1
4-Nitroaniline	ND		48	7.4	ug/L		09/09/14 09:22	09/11/14 18:44	1
4-Nitrophenol	ND		48	7.7	ug/L		09/09/14 09:22	09/11/14 18:44	1
Acenaphthene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 18:44	1
Acenaphthylene	ND		1.9	0.21	ug/L		09/09/14 09:22	09/11/14 18:44	1
Acetophenone	ND		19	1.1	ug/L		09/09/14 09:22	09/11/14 18:44	1
Aniline	**7.1**	**J**	9.6	2.5	ug/L		09/09/14 09:22	09/11/14 18:44	1
Anthracene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 18:44	1
Atrazine	ND		19	2.1	ug/L		09/09/14 09:22	09/11/14 18:44	1
Benzaldehyde	ND		19	1.0	ug/L		09/09/14 09:22	09/11/14 18:44	1
Benzo(a)anthracene	ND		1.9	0.35	ug/L		09/09/14 09:22	09/11/14 18:44	1
Benzo(a)pyrene	ND		1.9	0.27	ug/L		09/09/14 09:22	09/11/14 18:44	1
Benzo(b)fluoranthene	ND		1.9	0.47	ug/L		09/09/14 09:22	09/11/14 18:44	1
Benzo(g,h,i)perylene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 18:44	1
Benzo(k)fluoranthene	ND		1.9	0.29	ug/L		09/09/14 09:22	09/11/14 18:44	1
Biphenyl	ND		9.6	1.0	ug/L		09/09/14 09:22	09/11/14 18:44	1
bis (2-chloroisopropyl) ether	ND		9.6	0.23	ug/L		09/09/14 09:22	09/11/14 18:44	1
Bis(2-chloroethoxy)methane	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 18:44	1
Bis(2-chloroethyl)ether	ND		9.6	0.30	ug/L		09/09/14 09:22	09/11/14 18:44	1
Bis(2-ethylhexyl) phthalate	ND		19	4.2	ug/L		09/09/14 09:22	09/11/14 18:44	1
Butyl benzyl phthalate	ND		9.6	2.1	ug/L		09/09/14 09:22	09/11/14 18:44	1
Caprolactam	ND		48	14	ug/L		09/09/14 09:22	09/11/14 18:44	1
Carbazole	ND		9.6	0.26	ug/L		09/09/14 09:22	09/11/14 18:44	1
Chrysene	ND		1.9	0.30	ug/L		09/09/14 09:22	09/11/14 18:44	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 0914
Date Collected: 09/04/14 12:20
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-4
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.26	ug/L		09/09/14 09:22	09/11/14 18:44	1
Dibenzofuran	ND		9.6	0.93	ug/L		09/09/14 09:22	09/11/14 18:44	1
Diethyl phthalate	ND		9.6	2.9	ug/L		09/09/14 09:22	09/11/14 18:44	1
Dimethyl phthalate	ND		9.6	1.8	ug/L		09/09/14 09:22	09/11/14 18:44	1
Di-n-butyl phthalate	ND		9.6	2.3	ug/L		09/09/14 09:22	09/11/14 18:44	1
Di-n-octyl phthalate	ND		9.6	2.0	ug/L		09/09/14 09:22	09/11/14 18:44	1
Fluoranthene	ND		1.9	0.20	ug/L		09/09/14 09:22	09/11/14 18:44	1
Fluorene	ND		1.9	0.23	ug/L		09/09/14 09:22	09/11/14 18:44	1
Hexachlorobenzene	ND		9.6	0.59	ug/L		09/09/14 09:22	09/11/14 18:44	1
Hexachlorobutadiene	ND		9.6	0.90	ug/L		09/09/14 09:22	09/11/14 18:44	1
Hexachlorocyclopentadiene	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 18:44	1
Hexachloroethane	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 18:44	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.42	ug/L		09/09/14 09:22	09/11/14 18:44	1
Isophorone	ND		9.6	0.71	ug/L		09/09/14 09:22	09/11/14 18:44	1
Naphthalene	**1.0**	**J**	1.9	0.22	ug/L		09/09/14 09:22	09/11/14 18:44	1
Nitrobenzene	ND		19	1.4	ug/L		09/09/14 09:22	09/11/14 18:44	1
N-Nitrosodi-n-propylamine	ND		9.6	0.48	ug/L		09/09/14 09:22	09/11/14 18:44	1
N-Nitrosodiphenylamine	**1.8**	**J**	9.6	1.2	ug/L		09/09/14 09:22	09/11/14 18:44	1
Pentachlorophenol	ND		9.6	4.8	ug/L		09/09/14 09:22	09/11/14 18:44	1
Phenanthrene	ND		1.9	0.40	ug/L		09/09/14 09:22	09/11/14 18:44	1
Phenol	ND		9.6	0.53	ug/L		09/09/14 09:22	09/11/14 18:44	1
Pyrene	ND		1.9	0.22	ug/L		09/09/14 09:22	09/11/14 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*112*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:44*	*1*
2-Fluorobiphenyl	*99*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:44*	*1*
2-Fluorophenol	*80*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:44*	*1*
Nitrobenzene-d5	*101*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:44*	*1*
Phenol-d5	*96*		*30 - 150*	*09/09/14 09:22*	*09/11/14 18:44*	*1*
Terphenyl-d14 (Surr)	*74*		*10 - 150*	*09/09/14 09:22*	*09/11/14 18:44*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.077**	**J**	0.20	0.060	mg/L		09/11/14 10:39	09/11/14 20:12	1
Antimony	ND		0.020	0.0068	mg/L		09/11/14 10:39	09/11/14 20:12	1
Arsenic	**0.041**		0.015	0.0056	mg/L		09/11/14 10:39	09/16/14 10:57	1
Barium	**0.026**		0.0020	0.00070	mg/L		09/11/14 10:39	09/11/14 20:12	1
Beryllium	ND		0.0020	0.00030	mg/L		09/11/14 10:39	09/11/14 20:12	1
Cadmium	ND		0.0020	0.00050	mg/L		09/11/14 10:39	09/11/14 20:12	1
Calcium	**178**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:12	1
Chromium	**0.0067**		0.0040	0.0010	mg/L		09/11/14 10:39	09/11/14 20:12	1
Cobalt	ND		0.0040	0.00063	mg/L		09/11/14 10:39	09/11/14 20:12	1
Copper	**0.0034**	**J**	0.010	0.0016	mg/L		09/11/14 10:39	09/16/14 10:57	1
Iron	**0.29**		0.050	0.019	mg/L		09/11/14 10:39	09/11/14 20:12	1
Lead	ND		0.010	0.0030	mg/L		09/11/14 10:39	09/11/14 20:12	1
Magnesium	**17.1**		0.20	0.043	mg/L		09/11/14 10:39	09/11/14 20:12	1
Manganese	**0.16**		0.0030	0.00040	mg/L		09/11/14 10:39	09/11/14 20:12	1
Nickel	**0.0040**	**J**	0.010	0.0013	mg/L		09/11/14 10:39	09/11/14 20:12	1
Potassium	**6.9**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:12	1
Selenium	ND		0.025	0.0087	mg/L		09/11/14 10:39	09/11/14 20:12	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 0914
Date Collected: 09/04/14 12:20
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-4
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/11/14 10:39	09/11/14 20:12	1
Sodium	**353**		1.0	0.32	mg/L		09/11/14 10:39	09/11/14 20:12	1
Thallium	ND		0.020	0.010	mg/L		09/11/14 10:39	09/11/14 20:12	1
Vanadium	**0.016**		0.0050	0.0015	mg/L		09/11/14 10:39	09/11/14 20:12	1
Zinc	**0.0039**	**J**	0.010	0.0015	mg/L		09/11/14 10:39	09/16/14 10:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/14 09:10	09/09/14 16:59	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-30 0914
Date Collected: 09/04/14 14:15
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-5
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/17/14 04:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/14 04:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/14 04:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/14 04:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/14 04:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/14 04:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/14 04:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/14 04:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/14 04:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/14 04:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/14 04:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/14 04:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/14 04:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/14 04:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/14 04:25	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/14 04:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/14 04:25	1
Acetone	ND		10	3.0	ug/L			09/17/14 04:25	1
Benzene	ND		1.0	0.41	ug/L			09/17/14 04:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/14 04:25	1
Bromoform	ND		1.0	0.26	ug/L			09/17/14 04:25	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/14 04:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/14 04:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/14 04:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/14 04:25	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/14 04:25	1
Chloroform	ND		1.0	0.34	ug/L			09/17/14 04:25	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/14 04:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/14 04:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/14 04:25	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/14 04:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/14 04:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/14 04:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/14 04:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/14 04:25	1
Methyl acetate	ND		2.5	0.50	ug/L			09/17/14 04:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/14 04:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/14 04:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/14 04:25	1
Styrene	ND		1.0	0.73	ug/L			09/17/14 04:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/14 04:25	1
Toluene	ND		1.0	0.51	ug/L			09/17/14 04:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/14 04:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/14 04:25	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/14 04:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/14 04:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/14 04:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/14 04:25	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-30 0914
Date Collected: 09/04/14 14:15
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		09/17/14 04:25	1
4-Bromofluorobenzene (Surr)	93		73 - 120		09/17/14 04:25	1
Toluene-d8 (Surr)	92		71 - 126		09/17/14 04:25	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		9.6	1.2	ug/L		09/09/14 09:22	09/11/14 20:12	1
2,4,6-Trichlorophenol	ND		9.6	2.9	ug/L		09/09/14 09:22	09/11/14 20:12	1
2,4-Dichlorophenol	ND		9.6	0.65	ug/L		09/09/14 09:22	09/11/14 20:12	1
2,4-Dimethylphenol	ND		9.6	1.6	ug/L		09/09/14 09:22	09/11/14 20:12	1
2,4-Dinitrophenol	ND		48	24	ug/L		09/09/14 09:22	09/11/14 20:12	1
2,4-Dinitrotoluene	ND		9.6	2.1	ug/L		09/09/14 09:22	09/11/14 20:12	1
2,6-Dinitrotoluene	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 20:12	1
2-Chloronaphthalene	ND		1.9	0.30	ug/L		09/09/14 09:22	09/11/14 20:12	1
2-Chlorophenol	ND		9.6	2.2	ug/L		09/09/14 09:22	09/11/14 20:12	1
2-Methylnaphthalene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 20:12	1
2-Methylphenol	ND		9.6	1.8	ug/L		09/09/14 09:22	09/11/14 20:12	1
2-Nitroaniline	ND		48	6.5	ug/L		09/09/14 09:22	09/11/14 20:12	1
2-Nitrophenol	ND		9.6	1.1	ug/L		09/09/14 09:22	09/11/14 20:12	1
3,3'-Dichlorobenzidine	ND		9.6	1.4	ug/L		09/09/14 09:22	09/11/14 20:12	1
3-Nitroaniline	ND		48	7.7	ug/L		09/09/14 09:22	09/11/14 20:12	1
4,6-Dinitro-2-methylphenol	ND		48	15	ug/L		09/09/14 09:22	09/11/14 20:12	1
4-Bromophenyl phenyl ether	ND		9.6	1.1	ug/L		09/09/14 09:22	09/11/14 20:12	1
4-Chloro-3-methylphenol	ND		9.6	1.6	ug/L		09/09/14 09:22	09/11/14 20:12	1
4-Chloroaniline	ND		9.6	2.8	ug/L		09/09/14 09:22	09/11/14 20:12	1
4-Chlorophenyl phenyl ether	ND		9.6	0.77	ug/L		09/09/14 09:22	09/11/14 20:12	1
4-Methylphenol	ND		9.6	2.0	ug/L		09/09/14 09:22	09/11/14 20:12	1
4-Nitroaniline	ND		48	7.4	ug/L		09/09/14 09:22	09/11/14 20:12	1
4-Nitrophenol	ND		48	7.7	ug/L		09/09/14 09:22	09/11/14 20:12	1
Acenaphthene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 20:12	1
Acenaphthylene	ND		1.9	0.21	ug/L		09/09/14 09:22	09/11/14 20:12	1
Acetophenone	ND		19	1.1	ug/L		09/09/14 09:22	09/11/14 20:12	1
Aniline	ND		9.6	2.5	ug/L		09/09/14 09:22	09/11/14 20:12	1
Anthracene	ND		1.9	0.18	ug/L		09/09/14 09:22	09/11/14 20:12	1
Atrazine	ND		19	2.1	ug/L		09/09/14 09:22	09/11/14 20:12	1
Benzaldehyde	ND		19	1.0	ug/L		09/09/14 09:22	09/11/14 20:12	1
Benzo(a)anthracene	ND		1.9	0.35	ug/L		09/09/14 09:22	09/11/14 20:12	1
Benzo(a)pyrene	ND		1.9	0.27	ug/L		09/09/14 09:22	09/11/14 20:12	1
Benzo(b)fluoranthene	ND		1.9	0.47	ug/L		09/09/14 09:22	09/11/14 20:12	1
Benzo(g,h,i)perylene	ND		1.9	0.28	ug/L		09/09/14 09:22	09/11/14 20:12	1
Benzo(k)fluoranthene	ND		1.9	0.29	ug/L		09/09/14 09:22	09/11/14 20:12	1
Biphenyl	ND		9.6	1.0	ug/L		09/09/14 09:22	09/11/14 20:12	1
bis (2-chloroisopropyl) ether	ND		9.6	0.23	ug/L		09/09/14 09:22	09/11/14 20:12	1
Bis(2-chloroethoxy)methane	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 20:12	1
Bis(2-chloroethyl)ether	ND		9.6	0.30	ug/L		09/09/14 09:22	09/11/14 20:12	1
Bis(2-ethylhexyl) phthalate	ND		19	4.2	ug/L		09/09/14 09:22	09/11/14 20:12	1
Butyl benzyl phthalate	ND		9.6	2.1	ug/L		09/09/14 09:22	09/11/14 20:12	1
Caprolactam	ND		48	14	ug/L		09/09/14 09:22	09/11/14 20:12	1
Carbazole	ND		9.6	0.26	ug/L		09/09/14 09:22	09/11/14 20:12	1
Chrysene	ND		1.9	0.30	ug/L		09/09/14 09:22	09/11/14 20:12	1

Client Sample ID: BCC Area B RFI-30 0914
Date Collected: 09/04/14 14:15
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-5
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.9	0.26	ug/L		09/09/14 09:22	09/11/14 20:12	1
Dibenzofuran	ND		9.6	0.93	ug/L		09/09/14 09:22	09/11/14 20:12	1
Diethyl phthalate	ND		9.6	2.9	ug/L		09/09/14 09:22	09/11/14 20:12	1
Dimethyl phthalate	ND		9.6	1.8	ug/L		09/09/14 09:22	09/11/14 20:12	1
Di-n-butyl phthalate	ND		9.6	2.3	ug/L		09/09/14 09:22	09/11/14 20:12	1
Di-n-octyl phthalate	ND		9.6	2.0	ug/L		09/09/14 09:22	09/11/14 20:12	1
Fluoranthene	ND		1.9	0.20	ug/L		09/09/14 09:22	09/11/14 20:12	1
Fluorene	ND		1.9	0.23	ug/L		09/09/14 09:22	09/11/14 20:12	1
Hexachlorobenzene	ND		9.6	0.59	ug/L		09/09/14 09:22	09/11/14 20:12	1
Hexachlorobutadiene	ND		9.6	0.90	ug/L		09/09/14 09:22	09/11/14 20:12	1
Hexachlorocyclopentadiene	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 20:12	1
Hexachloroethane	ND		9.6	1.3	ug/L		09/09/14 09:22	09/11/14 20:12	1
Indeno(1,2,3-cd)pyrene	ND		1.9	0.42	ug/L		09/09/14 09:22	09/11/14 20:12	1
Isophorone	ND		9.6	0.71	ug/L		09/09/14 09:22	09/11/14 20:12	1
Naphthalene	ND		1.9	0.22	ug/L		09/09/14 09:22	09/11/14 20:12	1
Nitrobenzene	ND		19	1.4	ug/L		09/09/14 09:22	09/11/14 20:12	1
N-Nitrosodi-n-propylamine	ND		9.6	0.48	ug/L		09/09/14 09:22	09/11/14 20:12	1
N-Nitrosodiphenylamine	ND		9.6	1.2	ug/L		09/09/14 09:22	09/11/14 20:12	1
Pentachlorophenol	ND		9.6	4.8	ug/L		09/09/14 09:22	09/11/14 20:12	1
Phenanthrene	ND		1.9	0.40	ug/L		09/09/14 09:22	09/11/14 20:12	1
Phenol	ND		9.6	0.53	ug/L		09/09/14 09:22	09/11/14 20:12	1
Pyrene	ND		1.9	0.22	ug/L		09/09/14 09:22	09/11/14 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*80*		*30 - 150*	*09/09/14 09:22*	*09/11/14 20:12*	*1*
2-Fluorobiphenyl	*81*		*30 - 150*	*09/09/14 09:22*	*09/11/14 20:12*	*1*
2-Fluorophenol	*64*		*30 - 150*	*09/09/14 09:22*	*09/11/14 20:12*	*1*
Nitrobenzene-d5	*82*		*30 - 150*	*09/09/14 09:22*	*09/11/14 20:12*	*1*
Phenol-d5	*81*		*30 - 150*	*09/09/14 09:22*	*09/11/14 20:12*	*1*
Terphenyl-d14 (Surr)	*89*		*10 - 150*	*09/09/14 09:22*	*09/11/14 20:12*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/11/14 10:39	09/11/14 20:26	1
Antimony	ND		0.020	0.0068	mg/L		09/11/14 10:39	09/11/14 20:26	1
Arsenic	**0.0069**	**J**	0.015	0.0056	mg/L		09/11/14 10:39	09/16/14 11:20	1
Barium	**0.038**		0.0020	0.00070	mg/L		09/11/14 10:39	09/11/14 20:26	1
Beryllium	ND		0.0020	0.00030	mg/L		09/11/14 10:39	09/11/14 20:26	1
Cadmium	**0.00062**	**J**	0.0020	0.00050	mg/L		09/11/14 10:39	09/11/14 20:26	1
Calcium	**280**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:26	1
Chromium	**0.88**		0.0040	0.0010	mg/L		09/11/14 10:39	09/11/14 20:26	1
Cobalt	**0.0061**		0.0040	0.00063	mg/L		09/11/14 10:39	09/11/14 20:26	1
Copper	**0.027**		0.010	0.0016	mg/L		09/11/14 10:39	09/16/14 11:20	1
Iron	**4.5**		0.050	0.019	mg/L		09/11/14 10:39	09/11/14 20:26	1
Lead	ND		0.010	0.0030	mg/L		09/11/14 10:39	09/11/14 20:26	1
Magnesium	**104**		0.20	0.043	mg/L		09/11/14 10:39	09/11/14 20:26	1
Manganese	**0.69**		0.0030	0.00040	mg/L		09/11/14 10:39	09/11/14 20:26	1
Nickel	**0.21**		0.010	0.0013	mg/L		09/11/14 10:39	09/11/14 20:26	1
Potassium	**1.7**		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 20:26	1
Selenium	ND		0.025	0.0087	mg/L		09/11/14 10:39	09/11/14 20:26	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-30 0914
Date Collected: 09/04/14 14:15
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-5
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/11/14 10:39	09/11/14 20:26	1
Sodium	**364**		1.0	0.32	mg/L		09/11/14 10:39	09/11/14 20:26	1
Thallium	ND		0.020	0.010	mg/L		09/11/14 10:39	09/11/14 20:26	1
Vanadium	**0.0044**	**J**	0.0050	0.0015	mg/L		09/11/14 10:39	09/11/14 20:26	1
Zinc	**0.018**		0.010	0.0015	mg/L		09/11/14 10:39	09/16/14 11:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/14 09:10	09/09/14 17:06	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: TRIP BLANK
Date Collected: 09/04/14 00:00
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/17/14 04:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/14 04:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/14 04:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/14 04:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/14 04:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/14 04:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/14 04:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/14 04:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/14 04:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/14 04:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/14 04:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/14 04:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/14 04:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/14 04:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/14 04:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/14 04:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/14 04:50	1
Acetone	ND		10	3.0	ug/L			09/17/14 04:50	1
Benzene	ND		1.0	0.41	ug/L			09/17/14 04:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/14 04:50	1
Bromoform	ND		1.0	0.26	ug/L			09/17/14 04:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/14 04:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/14 04:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/14 04:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/14 04:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/14 04:50	1
Chloroform	ND		1.0	0.34	ug/L			09/17/14 04:50	1
Chloromethane	ND		1.0	0.35	ug/L			09/17/14 04:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/14 04:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/14 04:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/14 04:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/14 04:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/14 04:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/14 04:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/14 04:50	1
Methyl acetate	ND		2.5	0.50	ug/L			09/17/14 04:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/14 04:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/14 04:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/14 04:50	1
Styrene	ND		1.0	0.73	ug/L			09/17/14 04:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/14 04:50	1
Toluene	ND		1.0	0.51	ug/L			09/17/14 04:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/14 04:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/14 04:50	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/14 04:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/14 04:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/14 04:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/14 04:50	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: TRIP BLANK
Date Collected: 09/04/14 00:00
Date Received: 09/04/14 17:00

Lab Sample ID: 480-66679-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		09/17/14 04:50	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/17/14 04:50	1
Toluene-d8 (Surr)	92		71 - 126		09/17/14 04:50	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-66679-1	BCC Area B RFI-28 D 0914	97	92	92
480-66679-2	BCC Area B RFI-18 0914	100	93	94
480-66679-3	BCC Area B RFI-27 0914	99	93	92
480-66679-4	BCC Area B RFI-28 0914	100	91	90
480-66679-4 MS	BCC Area B RFI-28 MS 0914	99	96	92
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	96	94	90
480-66679-5	BCC Area B RFI-30 0914	99	93	92

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-66679-6	TRIP BLANK	100	94	92
LCS 480-202574/4	Lab Control Sample	94	95	92
LCS 480-202710/5	Lab Control Sample	94	93	91
MB 480-202574/5	Method Blank	98	94	93
MB 480-202710/6	Method Blank	98	94	93

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(30-150)	(30-150)	(30-150)	(30-150)	(30-150)	(10-150)
480-66679-1	BCC Area B RFI-28 D 0914	96	82	69	82	78	52
480-66679-2	BCC Area B RFI-18 0914	99	89	86	90	92	64
480-66679-3	BCC Area B RFI-27 0914	85	80	73	79	81	85
480-66679-4	BCC Area B RFI-28 0914	112	99	80	101	96	74
480-66679-4 MS	BCC Area B RFI-28 MS 0914	110	87	65	92	81	68
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	111	90	65	90	81	66
480-66679-5	BCC Area B RFI-30 0914	80	81	64	82	81	89

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5

TPH = Terphenyl-d14 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(30-150)	(30-150)	(30-150)	(30-150)	(30-150)	(10-150)		
LCS 180-117441/2-A	Lab Control Sample	87	69	76	71	76	74		
MB 180-117441/1-A	Method Blank	74	75	80	75	81	82		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14 (Surr)

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-202574/5
Matrix: Water
Analysis Batch: 202574

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/16/14 10:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/16/14 10:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/16/14 10:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/16/14 10:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/16/14 10:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/16/14 10:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/16/14 10:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/16/14 10:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/16/14 10:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/16/14 10:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/16/14 10:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/16/14 10:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/16/14 10:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/16/14 10:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/16/14 10:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/16/14 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/16/14 10:52	1
Acetone	ND		10	3.0	ug/L			09/16/14 10:52	1
Benzene	ND		1.0	0.41	ug/L			09/16/14 10:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/16/14 10:52	1
Bromoform	ND		1.0	0.26	ug/L			09/16/14 10:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/16/14 10:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/16/14 10:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/16/14 10:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/16/14 10:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/16/14 10:52	1
Chloroform	ND		1.0	0.34	ug/L			09/16/14 10:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/16/14 10:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/16/14 10:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/16/14 10:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/16/14 10:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/16/14 10:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/16/14 10:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/16/14 10:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/16/14 10:52	1
Methyl acetate	ND		2.5	0.50	ug/L			09/16/14 10:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/16/14 10:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/16/14 10:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/16/14 10:52	1
Styrene	ND		1.0	0.73	ug/L			09/16/14 10:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/16/14 10:52	1
Toluene	ND		1.0	0.51	ug/L			09/16/14 10:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/16/14 10:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/16/14 10:52	1
Trichloroethene	ND		1.0	0.46	ug/L			09/16/14 10:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/16/14 10:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/16/14 10:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/16/14 10:52	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-202574/5
Matrix: Water
Analysis Batch: 202574

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		09/16/14 10:52	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/16/14 10:52	1
Toluene-d8 (Surr)	93		71 - 126		09/16/14 10:52	1

Lab Sample ID: LCS 480-202574/4
Matrix: Water
Analysis Batch: 202574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.0		ug/L		100	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.6		ug/L		90	52 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	22.7		ug/L		91	58 - 121
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.2		ug/L		105	56 - 134
1,2-Dibromoethane	25.0	24.0		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	23.5		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	75 - 120
2-Butanone (MEK)	125	128		ug/L		102	57 - 140
2-Hexanone	125	130		ug/L		104	65 - 127
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	122		ug/L		97	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	26.8		ug/L		107	80 - 122
Bromoform	25.0	24.6		ug/L		98	52 - 132
Bromomethane	25.0	25.5		ug/L		102	55 - 144
Carbon disulfide	25.0	23.8		ug/L		95	59 - 134
Carbon tetrachloride	25.0	26.9		ug/L		107	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	72 - 120
Chloroethane	25.0	26.9		ug/L		108	69 - 136
Chloroform	25.0	23.9		ug/L		96	73 - 127
Chloromethane	25.0	26.2		ug/L		105	68 - 124
cis-1,2-Dichloroethene	25.0	23.1		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	74 - 124
Cyclohexane	25.0	23.8		ug/L		95	59 - 135
Dibromochloromethane	25.0	27.8		ug/L		111	75 - 125
Dichlorodifluoromethane	25.0	23.2		ug/L		93	59 - 135
Ethylbenzene	25.0	23.9		ug/L		95	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	125	130		ug/L		104	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	64 - 127
Methylcyclohexane	25.0	23.0		ug/L		92	61 - 138

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-202574/4
Matrix: Water
Analysis Batch: 202574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	23.0		ug/L		92	57 - 132
Styrene	25.0	23.3		ug/L		93	70 - 130
Tetrachloroethene	25.0	22.2		ug/L		89	74 - 122
Toluene	25.0	23.4		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	23.4		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	25.5		ug/L		102	72 - 123
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	24.1		ug/L		96	62 - 152
Vinyl chloride	25.0	24.9		ug/L		100	65 - 133
Xylenes, Total	50.0	46.3		ug/L		93	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Toluene-d8 (Surr)	*92*		*71 - 126*

Lab Sample ID: MB 480-202710/6
Matrix: Water
Analysis Batch: 202710

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/17/14 00:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/17/14 00:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/17/14 00:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/17/14 00:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/17/14 00:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/17/14 00:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/17/14 00:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/17/14 00:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/17/14 00:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/17/14 00:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/17/14 00:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/17/14 00:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/17/14 00:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/17/14 00:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/17/14 00:21	1
2-Hexanone	ND		5.0	1.2	ug/L			09/17/14 00:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/17/14 00:21	1
Acetone	ND		10	3.0	ug/L			09/17/14 00:21	1
Benzene	ND		1.0	0.41	ug/L			09/17/14 00:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/17/14 00:21	1
Bromoform	ND		1.0	0.26	ug/L			09/17/14 00:21	1
Bromomethane	ND		1.0	0.69	ug/L			09/17/14 00:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/17/14 00:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/17/14 00:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/17/14 00:21	1
Chloroethane	ND		1.0	0.32	ug/L			09/17/14 00:21	1
Chloroform	ND		1.0	0.34	ug/L			09/17/14 00:21	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-202710/6
Matrix: Water
Analysis Batch: 202710

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			09/17/14 00:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/17/14 00:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/17/14 00:21	1
Cyclohexane	ND		1.0	0.18	ug/L			09/17/14 00:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/17/14 00:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/17/14 00:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/17/14 00:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/17/14 00:21	1
Methyl acetate	ND		2.5	0.50	ug/L			09/17/14 00:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/17/14 00:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/17/14 00:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/17/14 00:21	1
Styrene	ND		1.0	0.73	ug/L			09/17/14 00:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/17/14 00:21	1
Toluene	ND		1.0	0.51	ug/L			09/17/14 00:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/17/14 00:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/17/14 00:21	1
Trichloroethene	ND		1.0	0.46	ug/L			09/17/14 00:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/17/14 00:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/17/14 00:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/17/14 00:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*09/17/14 00:21*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*09/17/14 00:21*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*09/17/14 00:21*	*1*

Lab Sample ID: LCS 480-202710/5
Matrix: Water
Analysis Batch: 202710

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	23.9		ug/L		96	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.2		ug/L		93	52 - 148
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	23.2		ug/L		93	58 - 121
1,2,4-Trichlorobenzene	25.0	23.9		ug/L		95	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	56 - 134
1,2-Dibromoethane	25.0	23.3		ug/L		93	77 - 120
1,2-Dichlorobenzene	25.0	22.9		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	24.4		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	22.9		ug/L		91	75 - 120
2-Butanone (MEK)	125	119		ug/L		95	57 - 140

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-202710/5
Matrix: Water
Analysis Batch: 202710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	110		ug/L		88	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	26.7		ug/L		107	80 - 122
Bromoform	25.0	23.9		ug/L		96	52 - 132
Bromomethane	25.0	20.1		ug/L		80	55 - 144
Carbon disulfide	25.0	23.9		ug/L		96	59 - 134
Carbon tetrachloride	25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	25.0	23.1		ug/L		93	72 - 120
Chloroethane	25.0	27.3		ug/L		109	69 - 136
Chloroform	25.0	24.2		ug/L		97	73 - 127
Chloromethane	25.0	26.6		ug/L		106	68 - 124
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	25.1		ug/L		100	74 - 124
Cyclohexane	25.0	24.7		ug/L		99	59 - 135
Dibromochloromethane	25.0	27.4		ug/L		110	75 - 125
Dichlorodifluoromethane	25.0	24.0		ug/L		96	59 - 135
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
Isopropylbenzene	25.0	24.3		ug/L		97	77 - 122
Methyl acetate	125	123		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	24.1		ug/L		97	64 - 127
Methylcyclohexane	25.0	24.0		ug/L		96	61 - 138
Methylene Chloride	25.0	22.4		ug/L		90	57 - 132
Styrene	25.0	23.1		ug/L		93	70 - 130
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	72 - 123
Trichloroethene	25.0	24.1		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	25.5		ug/L		102	62 - 152
Vinyl chloride	25.0	25.5		ug/L		102	65 - 133
Xylenes, Total	50.0	46.4		ug/L		93	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Toluene-d8 (Surr)	*91*		*71 - 126*

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 202710

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	260		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	253		ug/L		101	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		250	246		ug/L		98	52 - 148

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 202710

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		250	243		ug/L		97	76 - 122
1,1-Dichloroethane	ND		250	250		ug/L		100	71 - 129
1,1-Dichloroethene	ND		250	235		ug/L		94	58 - 121
1,2,4-Trichlorobenzene	ND		250	244		ug/L		98	70 - 122
1,2-Dibromo-3-Chloropropane	ND		250	265		ug/L		106	56 - 134
1,2-Dibromoethane	ND		250	239		ug/L		95	77 - 120
1,2-Dichlorobenzene	ND		250	235		ug/L		94	80 - 124
1,2-Dichloroethane	ND		250	260		ug/L		104	75 - 127
1,2-Dichloropropane	ND		250	253		ug/L		101	76 - 120
1,3-Dichlorobenzene	ND		250	237		ug/L		95	77 - 120
1,4-Dichlorobenzene	ND		250	236		ug/L		94	75 - 120
2-Butanone (MEK)	ND		1250	1310		ug/L		105	57 - 140
2-Hexanone	ND		1250	1320		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1320		ug/L		106	71 - 125
Acetone	ND		1250	1250		ug/L		100	56 - 142
Benzene	ND		250	249		ug/L		100	71 - 124
Bromodichloromethane	ND		250	278		ug/L		111	80 - 122
Bromoform	ND		250	246		ug/L		98	52 - 132
Bromomethane	ND		250	283		ug/L		113	55 - 144
Carbon disulfide	ND		250	244		ug/L		98	59 - 134
Carbon tetrachloride	ND		250	293		ug/L		117	72 - 134
Chlorobenzene	ND		250	235		ug/L		94	72 - 120
Chloroethane	ND		250	291		ug/L		116	69 - 136
Chloroform	ND		250	253		ug/L		101	73 - 127
Chloromethane	ND		250	270		ug/L		108	68 - 124
cis-1,2-Dichloroethene	ND		250	241		ug/L		96	74 - 124
cis-1,3-Dichloropropene	ND		250	258		ug/L		103	74 - 124
Cyclohexane	ND		250	254		ug/L		102	59 - 135
Dibromochloromethane	ND		250	280		ug/L		112	75 - 125
Dichlorodifluoromethane	ND		250	253		ug/L		101	59 - 135
Ethylbenzene	ND		250	244		ug/L		97	77 - 123
Isopropylbenzene	ND		250	249		ug/L		100	77 - 122
Methyl acetate	ND		1250	1350		ug/L		108	74 - 133
Methyl tert-butyl ether	ND		250	250		ug/L		100	64 - 127
Methylcyclohexane	ND		250	248		ug/L		99	61 - 138
Methylene Chloride	ND		250	230		ug/L		92	57 - 132
Styrene	ND		250	233		ug/L		93	70 - 130
Tetrachloroethene	ND		250	234		ug/L		94	74 - 122
Toluene	ND		250	237		ug/L		95	80 - 122
trans-1,2-Dichloroethene	ND		250	244		ug/L		98	73 - 127
trans-1,3-Dichloropropene	ND		250	254		ug/L		101	72 - 123
Trichloroethene	ND		250	247		ug/L		99	74 - 123
Trichlorofluoromethane	ND		250	275		ug/L		110	62 - 152
Vinyl chloride	ND		250	268		ug/L		107	65 - 133
Xylenes, Total	ND		500	472		ug/L		94	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 202710

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*92*		*71 - 126*

Lab Sample ID: 480-66679-4 MSD
Matrix: Ground Water
Analysis Batch: 202710

Client Sample ID: BCC Area B RFI-28 MSD 0914
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	259		ug/L		104	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		250	250		ug/L		100	70 - 126	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	241		ug/L		96	52 - 148	2	20
1,1,2-Trichloroethane	ND		250	240		ug/L		96	76 - 122	1	15
1,1-Dichloroethane	ND		250	251		ug/L		101	71 - 129	0	20
1,1-Dichloroethene	ND		250	240		ug/L		96	58 - 121	2	16
1,2,4-Trichlorobenzene	ND		250	245		ug/L		98	70 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		250	257		ug/L		103	56 - 134	3	15
1,2-Dibromoethane	ND		250	238		ug/L		95	77 - 120	0	15
1,2-Dichlorobenzene	ND		250	233		ug/L		93	80 - 124	1	20
1,2-Dichloroethane	ND		250	255		ug/L		102	75 - 127	2	20
1,2-Dichloropropane	ND		250	253		ug/L		101	76 - 120	0	20
1,3-Dichlorobenzene	ND		250	238		ug/L		95	77 - 120	0	20
1,4-Dichlorobenzene	ND		250	235		ug/L		94	75 - 120	0	20
2-Butanone (MEK)	ND		1250	1290		ug/L		103	57 - 140	2	20
2-Hexanone	ND		1250	1300		ug/L		104	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1290		ug/L		103	71 - 125	3	35
Acetone	ND		1250	1200		ug/L		96	56 - 142	4	15
Benzene	ND		250	249		ug/L		100	71 - 124	0	13
Bromodichloromethane	ND		250	275		ug/L		110	80 - 122	1	15
Bromoform	ND		250	241		ug/L		97	52 - 132	2	15
Bromomethane	ND		250	187	F2	ug/L		75	55 - 144	41	15
Carbon disulfide	ND		250	245		ug/L		98	59 - 134	1	15
Carbon tetrachloride	ND		250	294		ug/L		117	72 - 134	0	15
Chlorobenzene	ND		250	235		ug/L		94	72 - 120	0	25
Chloroethane	ND		250	255		ug/L		102	69 - 136	13	15
Chloroform	ND		250	250		ug/L		100	73 - 127	1	20
Chloromethane	ND		250	270		ug/L		108	68 - 124	0	15
cis-1,2-Dichloroethene	ND		250	240		ug/L		96	74 - 124	1	15
cis-1,3-Dichloropropene	ND		250	259		ug/L		104	74 - 124	0	15
Cyclohexane	ND		250	254		ug/L		102	59 - 135	0	20
Dibromochloromethane	ND		250	280		ug/L		112	75 - 125	0	15
Dichlorodifluoromethane	ND		250	250		ug/L		100	59 - 135	1	20
Ethylbenzene	ND		250	244		ug/L		98	77 - 123	0	15
Isopropylbenzene	ND		250	252		ug/L		101	77 - 122	1	20
Methyl acetate	ND		1250	1300		ug/L		104	74 - 133	4	20
Methyl tert-butyl ether	ND		250	249		ug/L		100	64 - 127	0	37
Methylcyclohexane	ND		250	249		ug/L		100	61 - 138	1	20
Methylene Chloride	ND		250	229		ug/L		91	57 - 132	0	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-66679-4 MSD
Matrix: Ground Water
Analysis Batch: 202710

Client Sample ID: BCC Area B RFI-28 MSD 0914
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Styrene	ND		250	233		ug/L		93	70 - 130	0	20
Tetrachloroethene	ND		250	234		ug/L		94	74 - 122	0	20
Toluene	ND		250	237		ug/L		95	80 - 122	0	15
trans-1,2-Dichloroethene	ND		250	245		ug/L		98	73 - 127	0	20
trans-1,3-Dichloropropene	ND		250	252		ug/L		101	72 - 123	1	15
Trichloroethene	ND		250	249		ug/L		100	74 - 123	1	16
Trichlorofluoromethane	ND		250	270		ug/L		108	62 - 152	2	20
Vinyl chloride	ND		250	264		ug/L		106	65 - 133	1	15
Xylenes, Total	ND		500	468		ug/L		94	76 - 122	1	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Toluene-d8 (Surr)	*90*		*71 - 126*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-117441/1-A
Matrix: Water
Analysis Batch: 117720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		09/09/14 09:22	09/11/14 11:00	1
2,4,6-Trichlorophenol	ND		10	3.0	ug/L		09/09/14 09:22	09/11/14 11:00	1
2,4-Dichlorophenol	ND		10	0.67	ug/L		09/09/14 09:22	09/11/14 11:00	1
2,4-Dimethylphenol	ND		10	1.7	ug/L		09/09/14 09:22	09/11/14 11:00	1
2,4-Dinitrophenol	ND		50	25	ug/L		09/09/14 09:22	09/11/14 11:00	1
2,4-Dinitrotoluene	ND		10	2.1	ug/L		09/09/14 09:22	09/11/14 11:00	1
2,6-Dinitrotoluene	ND		10	1.4	ug/L		09/09/14 09:22	09/11/14 11:00	1
2-Chloronaphthalene	ND		2.0	0.31	ug/L		09/09/14 09:22	09/11/14 11:00	1
2-Chlorophenol	ND		10	2.3	ug/L		09/09/14 09:22	09/11/14 11:00	1
2-Methylnaphthalene	ND		2.0	0.19	ug/L		09/09/14 09:22	09/11/14 11:00	1
2-Methylphenol	ND		10	1.9	ug/L		09/09/14 09:22	09/11/14 11:00	1
2-Nitroaniline	ND		50	6.7	ug/L		09/09/14 09:22	09/11/14 11:00	1
2-Nitrophenol	ND		10	1.1	ug/L		09/09/14 09:22	09/11/14 11:00	1
3,3'-Dichlorobenzidine	ND		10	1.5	ug/L		09/09/14 09:22	09/11/14 11:00	1
3-Nitroaniline	ND		50	8.1	ug/L		09/09/14 09:22	09/11/14 11:00	1
4,6-Dinitro-2-methylphenol	ND		50	16	ug/L		09/09/14 09:22	09/11/14 11:00	1
4-Bromophenyl phenyl ether	ND		10	1.2	ug/L		09/09/14 09:22	09/11/14 11:00	1
4-Chloro-3-methylphenol	ND		10	1.7	ug/L		09/09/14 09:22	09/11/14 11:00	1
4-Chloroaniline	ND		10	2.9	ug/L		09/09/14 09:22	09/11/14 11:00	1
4-Chlorophenyl phenyl ether	ND		10	0.80	ug/L		09/09/14 09:22	09/11/14 11:00	1
4-Methylphenol	ND		10	2.1	ug/L		09/09/14 09:22	09/11/14 11:00	1
4-Nitroaniline	ND		50	7.7	ug/L		09/09/14 09:22	09/11/14 11:00	1
4-Nitrophenol	ND		50	8.0	ug/L		09/09/14 09:22	09/11/14 11:00	1
Acenaphthene	ND		2.0	0.29	ug/L		09/09/14 09:22	09/11/14 11:00	1
Acenaphthylene	ND		2.0	0.22	ug/L		09/09/14 09:22	09/11/14 11:00	1
Acetophenone	ND		20	1.1	ug/L		09/09/14 09:22	09/11/14 11:00	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-117441/1-A
Matrix: Water
Analysis Batch: 117720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	2.6	ug/L		09/09/14 09:22	09/11/14 11:00	1
Anthracene	ND		2.0	0.19	ug/L		09/09/14 09:22	09/11/14 11:00	1
Atrazine	ND		20	2.2	ug/L		09/09/14 09:22	09/11/14 11:00	1
Benzaldehyde	ND		20	1.1	ug/L		09/09/14 09:22	09/11/14 11:00	1
Benzo(a)anthracene	ND		2.0	0.37	ug/L		09/09/14 09:22	09/11/14 11:00	1
Benzo(a)pyrene	ND		2.0	0.28	ug/L		09/09/14 09:22	09/11/14 11:00	1
Benzo(b)fluoranthene	ND		2.0	0.49	ug/L		09/09/14 09:22	09/11/14 11:00	1
Benzo(g,h,i)perylene	ND		2.0	0.29	ug/L		09/09/14 09:22	09/11/14 11:00	1
Benzo(k)fluoranthene	ND		2.0	0.30	ug/L		09/09/14 09:22	09/11/14 11:00	1
Biphenyl	ND		10	1.1	ug/L		09/09/14 09:22	09/11/14 11:00	1
bis (2-chloroisopropyl) ether	ND		10	0.24	ug/L		09/09/14 09:22	09/11/14 11:00	1
Bis(2-chloroethoxy)methane	ND		10	1.3	ug/L		09/09/14 09:22	09/11/14 11:00	1
Bis(2-chloroethyl)ether	ND		10	0.32	ug/L		09/09/14 09:22	09/11/14 11:00	1
Bis(2-ethylhexyl) phthalate	ND		20	4.4	ug/L		09/09/14 09:22	09/11/14 11:00	1
Butyl benzyl phthalate	ND		10	2.1	ug/L		09/09/14 09:22	09/11/14 11:00	1
Caprolactam	ND		50	15	ug/L		09/09/14 09:22	09/11/14 11:00	1
Carbazole	ND		10	0.27	ug/L		09/09/14 09:22	09/11/14 11:00	1
Chrysene	ND		2.0	0.31	ug/L		09/09/14 09:22	09/11/14 11:00	1
Dibenz(a,h)anthracene	ND		2.0	0.27	ug/L		09/09/14 09:22	09/11/14 11:00	1
Dibenzofuran	ND		10	0.97	ug/L		09/09/14 09:22	09/11/14 11:00	1
Diethyl phthalate	ND		10	3.0	ug/L		09/09/14 09:22	09/11/14 11:00	1
Dimethyl phthalate	ND		10	1.8	ug/L		09/09/14 09:22	09/11/14 11:00	1
Di-n-butyl phthalate	ND		10	2.4	ug/L		09/09/14 09:22	09/11/14 11:00	1
Di-n-octyl phthalate	ND		10	2.0	ug/L		09/09/14 09:22	09/11/14 11:00	1
Fluoranthene	ND		2.0	0.21	ug/L		09/09/14 09:22	09/11/14 11:00	1
Fluorene	ND		2.0	0.24	ug/L		09/09/14 09:22	09/11/14 11:00	1
Hexachlorobenzene	ND		10	0.61	ug/L		09/09/14 09:22	09/11/14 11:00	1
Hexachlorobutadiene	ND		10	0.94	ug/L		09/09/14 09:22	09/11/14 11:00	1
Hexachlorocyclopentadiene	ND		10	1.4	ug/L		09/09/14 09:22	09/11/14 11:00	1
Hexachloroethane	ND		10	1.4	ug/L		09/09/14 09:22	09/11/14 11:00	1
Indeno(1,2,3-cd)pyrene	ND		2.0	0.43	ug/L		09/09/14 09:22	09/11/14 11:00	1
Isophorone	ND		10	0.74	ug/L		09/09/14 09:22	09/11/14 11:00	1
Naphthalene	ND		2.0	0.23	ug/L		09/09/14 09:22	09/11/14 11:00	1
Nitrobenzene	ND		20	1.5	ug/L		09/09/14 09:22	09/11/14 11:00	1
N-Nitrosodi-n-propylamine	ND		10	0.50	ug/L		09/09/14 09:22	09/11/14 11:00	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		09/09/14 09:22	09/11/14 11:00	1
Pentachlorophenol	ND		10	5.0	ug/L		09/09/14 09:22	09/11/14 11:00	1
Phenanthrene	ND		2.0	0.42	ug/L		09/09/14 09:22	09/11/14 11:00	1
Phenol	ND		10	0.55	ug/L		09/09/14 09:22	09/11/14 11:00	1
Pyrene	ND		2.0	0.23	ug/L		09/09/14 09:22	09/11/14 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*30 - 150*	*09/09/14 09:22*	*09/11/14 11:00*	*1*
2-Fluorobiphenyl	*75*		*30 - 150*	*09/09/14 09:22*	*09/11/14 11:00*	*1*
2-Fluorophenol	*80*		*30 - 150*	*09/09/14 09:22*	*09/11/14 11:00*	*1*
Nitrobenzene-d5	*75*		*30 - 150*	*09/09/14 09:22*	*09/11/14 11:00*	*1*
Phenol-d5	*81*		*30 - 150*	*09/09/14 09:22*	*09/11/14 11:00*	*1*
Terphenyl-d14 (Surr)	*82*		*10 - 150*	*09/09/14 09:22*	*09/11/14 11:00*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-117441/2-A
Matrix: Water
Analysis Batch: 117720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	200	144		ug/L		72	30 - 150
2,4,6-Trichlorophenol	200	155		ug/L		77	30 - 150
2,4-Dichlorophenol	200	145		ug/L		73	30 - 150
2,4-Dimethylphenol	200	139		ug/L		70	30 - 150
2,4-Dinitrophenol	400	261		ug/L		65	10 - 150
2,4-Dinitrotoluene	200	144		ug/L		72	30 - 150
2,6-Dinitrotoluene	200	146		ug/L		73	30 - 150
2-Chloronaphthalene	200	131		ug/L		65	30 - 150
2-Chlorophenol	200	149		ug/L		74	30 - 150
2-Methylnaphthalene	200	135		ug/L		68	30 - 150
2-Methylphenol	200	159		ug/L		80	30 - 150
2-Nitroaniline	200	147		ug/L		73	30 - 150
2-Nitrophenol	200	154		ug/L		77	30 - 150
3,3'-Dichlorobenzidine	200	134		ug/L		67	10 - 150
3-Nitroaniline	200	140		ug/L		70	10 - 150
4,6-Dinitro-2-methylphenol	400	309		ug/L		77	30 - 150
4-Bromophenyl phenyl ether	200	150		ug/L		75	30 - 150
4-Chloro-3-methylphenol	200	144		ug/L		72	30 - 150
4-Chloroaniline	200	129		ug/L		64	10 - 150
4-Chlorophenyl phenyl ether	200	139		ug/L		69	30 - 150
4-Methylphenol	200	150		ug/L		75	30 - 150
4-Nitroaniline	200	139		ug/L		69	30 - 150
4-Nitrophenol	400	287		ug/L		72	30 - 150
Acenaphthene	200	139		ug/L		69	30 - 150
Acenaphthylene	200	143		ug/L		72	30 - 150
Acetophenone	200	147		ug/L		73	30 - 150
Aniline	200	140		ug/L		70	30 - 150
Anthracene	200	144		ug/L		72	30 - 150
Atrazine	200	142		ug/L		71	30 - 150
Benzaldehyde	200	120		ug/L		60	30 - 150
Benzo(a)anthracene	200	142		ug/L		71	30 - 150
Benzo(a)pyrene	200	140		ug/L		70	30 - 150
Benzo(b)fluoranthene	200	128		ug/L		64	30 - 150
Benzo(g,h,i)perylene	200	151		ug/L		76	30 - 150
Benzo(k)fluoranthene	200	145		ug/L		72	30 - 150
Biphenyl	200	140		ug/L		70	30 - 150
bis (2-chloroisopropyl) ether	200	135		ug/L		67	30 - 150
Bis(2-chloroethoxy)methane	200	138		ug/L		69	30 - 150
Bis(2-chloroethyl)ether	200	142		ug/L		71	30 - 150
Bis(2-ethylhexyl) phthalate	200	153		ug/L		77	30 - 150
Butyl benzyl phthalate	200	162		ug/L		81	30 - 150
Caprolactam	200	152		ug/L		76	30 - 150
Carbazole	200	140		ug/L		70	30 - 150
Chrysene	200	144		ug/L		72	30 - 150
Dibenz(a,h)anthracene	200	145		ug/L		73	30 - 150
Dibenzofuran	200	133		ug/L		67	30 - 150
Diethyl phthalate	200	136		ug/L		68	30 - 150
Dimethyl phthalate	200	141		ug/L		71	30 - 150

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-117441/2-A
Matrix: Water
Analysis Batch: 117720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	200	149		ug/L		74	30 - 150
Di-n-octyl phthalate	200	148		ug/L		74	10 - 150
Fluoranthene	200	141		ug/L		70	30 - 150
Fluorene	200	142		ug/L		71	30 - 150
Hexachlorobenzene	200	151		ug/L		75	30 - 150
Hexachlorobutadiene	200	139		ug/L		69	30 - 150
Hexachlorocyclopentadiene	200	150		ug/L		75	30 - 150
Hexachloroethane	200	140		ug/L		70	30 - 150
Indeno(1,2,3-cd)pyrene	200	143		ug/L		71	30 - 150
Isophorone	200	143		ug/L		72	30 - 150
Naphthalene	200	135		ug/L		68	30 - 150
Nitrobenzene	200	139		ug/L		70	30 - 150
N-Nitrosodi-n-propylamine	200	145		ug/L		72	30 - 150
N-Nitrosodiphenylamine	200	146		ug/L		73	30 - 150
Pentachlorophenol	400	296		ug/L		74	10 - 150
Phenanthrene	200	140		ug/L		70	30 - 150
Phenol	200	141		ug/L		70	30 - 150
Pyrene	200	142		ug/L		71	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*87*		*30 - 150*
2-Fluorobiphenyl	*69*		*30 - 150*
2-Fluorophenol	*76*		*30 - 150*
Nitrobenzene-d5	*71*		*30 - 150*
Phenol-d5	*76*		*30 - 150*
Terphenyl-d14 (Surr)	*74*		*10 - 150*

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 117720

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA
Prep Batch: 117441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		192	131		ug/L		68	30 - 150
2,4,6-Trichlorophenol	ND		192	136		ug/L		71	30 - 150
2,4-Dichlorophenol	ND		192	120		ug/L		62	30 - 150
2,4-Dimethylphenol	ND		192	131		ug/L		68	30 - 150
2,4-Dinitrophenol	ND		385	292		ug/L		76	10 - 150
2,4-Dinitrotoluene	ND		192	152		ug/L		79	30 - 150
2,6-Dinitrotoluene	ND		192	146		ug/L		76	30 - 150
2-Chloronaphthalene	ND		192	123		ug/L		64	30 - 150
2-Chlorophenol	ND		192	102		ug/L		53	30 - 150
2-Methylnaphthalene	ND		192	129		ug/L		67	30 - 150
2-Methylphenol	ND		192	134		ug/L		69	30 - 150
2-Nitroaniline	ND		192	150		ug/L		78	30 - 150
2-Nitrophenol	ND		192	125		ug/L		65	30 - 150
3,3'-Dichlorobenzidine	ND		192	172		ug/L		89	10 - 150
3-Nitroaniline	ND		192	148		ug/L		77	10 - 150
4,6-Dinitro-2-methylphenol	ND		385	313		ug/L		81	30 - 150

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 117720

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA
Prep Batch: 117441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	ND		192	150		ug/L		78	30 - 150
4-Chloro-3-methylphenol	ND		192	134		ug/L		70	30 - 150
4-Chloroaniline	3.1	J	192	127		ug/L		64	10 - 150
4-Chlorophenyl phenyl ether	ND		192	139		ug/L		72	30 - 150
4-Methylphenol	ND		192	129		ug/L		67	30 - 150
4-Nitroaniline	ND		192	156		ug/L		81	30 - 150
4-Nitrophenol	ND		385	334		ug/L		87	30 - 150
Acenaphthene	ND		192	138		ug/L		72	30 - 150
Acenaphthylene	ND		192	132		ug/L		69	30 - 150
Acetophenone	ND		192	134		ug/L		70	30 - 150
Aniline	7.1	J	192	84.5		ug/L		40	30 - 150
Anthracene	ND		192	145		ug/L		76	30 - 150
Atrazine	ND		192	134		ug/L		70	30 - 150
Benzaldehyde	ND		192	143		ug/L		74	30 - 150
Benzo(a)anthracene	ND		192	158		ug/L		82	30 - 150
Benzo(a)pyrene	ND		192	144		ug/L		75	30 - 150
Benzo(b)fluoranthene	ND		192	139		ug/L		72	30 - 150
Benzo(g,h,i)perylene	ND		192	159		ug/L		83	30 - 150
Benzo(k)fluoranthene	ND		192	149		ug/L		77	30 - 150
Biphenyl	ND		192	133		ug/L		69	30 - 150
bis (2-chloroisopropyl) ether	ND		192	116		ug/L		60	30 - 150
Bis(2-chloroethoxy)methane	ND		192	129		ug/L		67	30 - 150
Bis(2-chloroethyl)ether	ND		192	122		ug/L		63	30 - 150
Bis(2-ethylhexyl) phthalate	ND		192	175		ug/L		91	30 - 150
Butyl benzyl phthalate	ND		192	172		ug/L		90	30 - 150
Caprolactam	ND		192	155		ug/L		81	30 - 150
Carbazole	ND		192	155		ug/L		80	30 - 150
Chrysene	ND		192	155		ug/L		80	30 - 150
Dibenz(a,h)anthracene	ND		192	158		ug/L		82	30 - 150
Dibenzofuran	ND		192	132		ug/L		69	30 - 150
Diethyl phthalate	ND		192	150		ug/L		78	30 - 150
Dimethyl phthalate	ND		192	143		ug/L		75	30 - 150
Di-n-butyl phthalate	ND		192	167		ug/L		87	30 - 150
Di-n-octyl phthalate	ND		192	164		ug/L		85	10 - 150
Fluoranthene	ND		192	155		ug/L		80	30 - 150
Fluorene	ND		192	145		ug/L		75	30 - 150
Hexachlorobenzene	ND		192	151		ug/L		78	30 - 150
Hexachlorobutadiene	ND		192	126		ug/L		65	30 - 150
Hexachlorocyclopentadiene	ND		192	49.1	F1	ug/L		26	30 - 150
Hexachloroethane	ND		192	107		ug/L		56	30 - 150
Indeno(1,2,3-cd)pyrene	ND		192	154		ug/L		80	30 - 150
Isophorone	ND		192	141		ug/L		73	30 - 150
Naphthalene	1.0	J	192	126		ug/L		65	30 - 150
Nitrobenzene	ND		192	133		ug/L		69	30 - 150
N-Nitrosodi-n-propylamine	ND		192	135		ug/L		70	30 - 150
N-Nitrosodiphenylamine	1.8	J	192	145		ug/L		75	30 - 150
Pentachlorophenol	ND		385	315		ug/L		82	10 - 150
Phenanthrene	ND		192	145		ug/L		75	30 - 150

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 117720

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA
Prep Batch: 117441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	ND		192	106		ug/L		55	30 - 150
Pyrene	ND		192	144		ug/L		75	30 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*110*		*30 - 150*
2-Fluorobiphenyl	*87*		*30 - 150*
2-Fluorophenol	*65*		*30 - 150*
Nitrobenzene-d5	*92*		*30 - 150*
Phenol-d5	*81*		*30 - 150*
Terphenyl-d14 (Surr)	*68*		*10 - 150*

Lab Sample ID: 480-66679-4 MSD
Matrix: Ground Water
Analysis Batch: 117720

Client Sample ID: BCC Area B RFI-28 MSD 0914
Prep Type: Total/NA
Prep Batch: 117441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		192	136		ug/L		70	30 - 150	3	35
2,4,6-Trichlorophenol	ND		192	140		ug/L		73	30 - 150	2	35
2,4-Dichlorophenol	ND		192	122		ug/L		63	30 - 150	2	35
2,4-Dimethylphenol	ND		192	129		ug/L		67	30 - 150	1	35
2,4-Dinitrophenol	ND		385	294		ug/L		77	10 - 150	1	35
2,4-Dinitrotoluene	ND		192	156		ug/L		81	30 - 150	3	35
2,6-Dinitrotoluene	ND		192	148		ug/L		77	30 - 150	2	35
2-Chloronaphthalene	ND		192	126		ug/L		66	30 - 150	2	35
2-Chlorophenol	ND		192	106		ug/L		55	30 - 150	3	35
2-Methylnaphthalene	ND		192	128		ug/L		67	30 - 150	0	35
2-Methylphenol	ND		192	137		ug/L		71	30 - 150	2	35
2-Nitroaniline	ND		192	148		ug/L		77	30 - 150	1	35
2-Nitrophenol	ND		192	127		ug/L		66	30 - 150	2	35
3,3'-Dichlorobenzidine	ND		192	170		ug/L		88	10 - 150	1	35
3-Nitroaniline	ND		192	150		ug/L		78	10 - 150	2	35
4,6-Dinitro-2-methylphenol	ND		385	317		ug/L		82	30 - 150	1	35
4-Bromophenyl phenyl ether	ND		192	152		ug/L		79	30 - 150	1	35
4-Chloro-3-methylphenol	ND		192	141		ug/L		73	30 - 150	5	35
4-Chloroaniline	3.1	J	192	128		ug/L		65	10 - 150	1	35
4-Chlorophenyl phenyl ether	ND		192	143		ug/L		74	30 - 150	3	35
4-Methylphenol	ND		192	128		ug/L		67	30 - 150	1	35
4-Nitroaniline	ND		192	155		ug/L		81	30 - 150	0	35
4-Nitrophenol	ND		385	333		ug/L		87	30 - 150	0	35
Acenaphthene	ND		192	139		ug/L		72	30 - 150	1	35
Acenaphthylene	ND		192	134		ug/L		70	30 - 150	2	35
Acetophenone	ND		192	138		ug/L		72	30 - 150	3	35
Aniline	7.1	J	192	86.4		ug/L		41	30 - 150	2	35
Anthracene	ND		192	148		ug/L		77	30 - 150	2	35
Atrazine	ND		192	135		ug/L		70	30 - 150	1	35
Benzaldehyde	ND		192	142		ug/L		74	30 - 150	0	35
Benzo(a)anthracene	ND		192	150		ug/L		78	30 - 150	5	35
Benzo(a)pyrene	ND		192	144		ug/L		75	30 - 150	0	35

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-66679-4 MSD
Matrix: Ground Water
Analysis Batch: 117720

Client Sample ID: BCC Area B RFI-28 MSD 0914
Prep Type: Total/NA
Prep Batch: 117441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo(b)fluoranthene	ND		192	139		ug/L		72	30 - 150	0	35
Benzo(g,h,i)perylene	ND		192	158		ug/L		82	30 - 150	1	35
Benzo(k)fluoranthene	ND		192	150		ug/L		78	30 - 150	1	35
Biphenyl	ND		192	137		ug/L		71	30 - 150	3	35
bis (2-chloroisopropyl) ether	ND		192	118		ug/L		61	30 - 150	1	35
Bis(2-chloroethoxy)methane	ND		192	133		ug/L		69	30 - 150	3	35
Bis(2-chloroethyl)ether	ND		192	125		ug/L		65	30 - 150	3	35
Bis(2-ethylhexyl) phthalate	ND		192	172		ug/L		90	30 - 150	2	35
Butyl benzyl phthalate	ND		192	171		ug/L		89	30 - 150	1	35
Caprolactam	ND		192	161		ug/L		84	30 - 150	4	35
Carbazole	ND		192	158		ug/L		82	30 - 150	2	35
Chrysene	ND		192	150		ug/L		78	30 - 150	3	35
Dibenz(a,h)anthracene	ND		192	157		ug/L		82	30 - 150	1	35
Dibenzofuran	ND		192	134		ug/L		70	30 - 150	2	35
Diethyl phthalate	ND		192	155		ug/L		81	30 - 150	3	35
Dimethyl phthalate	ND		192	144		ug/L		75	30 - 150	0	35
Di-n-butyl phthalate	ND		192	166		ug/L		86	30 - 150	1	35
Di-n-octyl phthalate	ND		192	165		ug/L		86	10 - 150	1	35
Fluoranthene	ND		192	157		ug/L		82	30 - 150	2	35
Fluorene	ND		192	147		ug/L		77	30 - 150	2	35
Hexachlorobenzene	ND		192	153		ug/L		79	30 - 150	1	35
Hexachlorobutadiene	ND		192	125		ug/L		65	30 - 150	0	35
Hexachlorocyclopentadiene	ND		192	49.1	F1	ug/L		26	30 - 150	0	35
Hexachloroethane	ND		192	108		ug/L		56	30 - 150	0	35
Indeno(1,2,3-cd)pyrene	ND		192	152		ug/L		79	30 - 150	1	35
Isophorone	ND		192	140		ug/L		73	30 - 150	0	35
Naphthalene	1.0	J	192	125		ug/L		65	30 - 150	1	35
Nitrobenzene	ND		192	130		ug/L		68	30 - 150	2	35
N-Nitrosodi-n-propylamine	ND		192	136		ug/L		70	30 - 150	0	35
N-Nitrosodiphenylamine	1.8	J	192	152		ug/L		78	30 - 150	5	35
Pentachlorophenol	ND		385	311		ug/L		81	10 - 150	1	35
Phenanthrene	ND		192	148		ug/L		77	30 - 150	2	35
Phenol	ND		192	108		ug/L		56	30 - 150	1	35
Pyrene	ND		192	142		ug/L		74	30 - 150	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*111*		*30 - 150*
2-Fluorobiphenyl	*90*		*30 - 150*
2-Fluorophenol	*65*		*30 - 150*
Nitrobenzene-d5	*90*		*30 - 150*
Phenol-d5	*81*		*30 - 150*
Terphenyl-d14 (Surr)	*66*		*10 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-200965/1-A
Matrix: Water
Analysis Batch: 202061

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/11/14 10:39	09/11/14 18:59	1
Antimony	ND		0.020	0.0068	mg/L		09/11/14 10:39	09/11/14 18:59	1
Arsenic	ND		0.015	0.0056	mg/L		09/11/14 10:39	09/11/14 18:59	1
Barium	ND		0.0020	0.00070	mg/L		09/11/14 10:39	09/11/14 18:59	1
Beryllium	ND		0.0020	0.00030	mg/L		09/11/14 10:39	09/11/14 18:59	1
Cadmium	ND		0.0020	0.00050	mg/L		09/11/14 10:39	09/11/14 18:59	1
Calcium	ND		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 18:59	1
Chromium	ND		0.0040	0.0010	mg/L		09/11/14 10:39	09/11/14 18:59	1
Cobalt	ND		0.0040	0.00063	mg/L		09/11/14 10:39	09/11/14 18:59	1
Iron	ND		0.050	0.019	mg/L		09/11/14 10:39	09/11/14 18:59	1
Lead	ND		0.010	0.0030	mg/L		09/11/14 10:39	09/11/14 18:59	1
Magnesium	ND		0.20	0.043	mg/L		09/11/14 10:39	09/11/14 18:59	1
Manganese	ND		0.0030	0.00040	mg/L		09/11/14 10:39	09/11/14 18:59	1
Nickel	ND		0.010	0.0013	mg/L		09/11/14 10:39	09/11/14 18:59	1
Potassium	ND		0.50	0.10	mg/L		09/11/14 10:39	09/11/14 18:59	1
Selenium	ND		0.025	0.0087	mg/L		09/11/14 10:39	09/11/14 18:59	1
Silver	ND		0.0060	0.0017	mg/L		09/11/14 10:39	09/11/14 18:59	1
Sodium	ND		1.0	0.32	mg/L		09/11/14 10:39	09/11/14 18:59	1
Thallium	ND		0.020	0.010	mg/L		09/11/14 10:39	09/11/14 18:59	1
Vanadium	ND		0.0050	0.0015	mg/L		09/11/14 10:39	09/11/14 18:59	1

Lab Sample ID: MB 480-200965/1-A
Matrix: Water
Analysis Batch: 202786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		09/11/14 10:39	09/16/14 10:43	1
Copper	ND		0.010	0.0016	mg/L		09/11/14 10:39	09/16/14 10:43	1
Zinc	ND		0.010	0.0015	mg/L		09/11/14 10:39	09/16/14 10:43	1

Lab Sample ID: LCS 480-200965/2-A
Matrix: Water
Analysis Batch: 202061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.22		mg/L		102	80 - 120
Antimony	0.200	0.203		mg/L		102	80 - 120
Arsenic	0.200	0.206		mg/L		103	80 - 120
Barium	0.200	0.224		mg/L		112	80 - 120
Beryllium	0.200	0.206		mg/L		103	80 - 120
Cadmium	0.200	0.195		mg/L		97	80 - 120
Calcium	10.0	9.98		mg/L		100	80 - 120
Chromium	0.200	0.206		mg/L		103	80 - 120
Cobalt	0.200	0.197		mg/L		98	80 - 120
Iron	10.0	9.54		mg/L		95	80 - 120
Lead	0.200	0.195		mg/L		97	80 - 120
Magnesium	10.0	10.96		mg/L		110	80 - 120
Manganese	0.200	0.208		mg/L		104	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-200965/2-A
Matrix: Water
Analysis Batch: 202061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	0.200	0.189		mg/L		94	80 - 120
Potassium	10.0	10.12		mg/L		101	80 - 120
Selenium	0.200	0.189		mg/L		94	80 - 120
Silver	0.0500	0.0544		mg/L		109	80 - 120
Sodium	10.0	9.91		mg/L		99	80 - 120
Thallium	0.200	0.202		mg/L		101	80 - 120
Vanadium	0.200	0.225		mg/L		113	80 - 120

Lab Sample ID: LCS 480-200965/2-A
Matrix: Water
Analysis Batch: 202786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.200	0.207		mg/L		103	80 - 120
Copper	0.200	0.206		mg/L		103	80 - 120
Zinc	0.200	0.201		mg/L		100	80 - 120

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 202061

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.077	J	10.0	9.87		mg/L		98	75 - 125
Antimony	ND		0.200	0.199		mg/L		99	75 - 125
Barium	0.026		0.200	0.227		mg/L		101	75 - 125
Beryllium	ND		0.200	0.199		mg/L		100	75 - 125
Cadmium	ND		0.200	0.193		mg/L		97	75 - 125
Calcium	178		10.0	176.2	4	mg/L		-20	75 - 125
Chromium	0.0067		0.200	0.200		mg/L		97	75 - 125
Cobalt	ND		0.200	0.197		mg/L		99	75 - 125
Iron	0.29		10.0	9.26		mg/L		90	75 - 125
Lead	ND		0.200	0.195		mg/L		97	75 - 125
Magnesium	17.1		10.0	25.96		mg/L		88	75 - 125
Manganese	0.16		0.200	0.342		mg/L		90	75 - 125
Nickel	0.0040	J	0.200	0.192		mg/L		94	75 - 125
Potassium	6.9		10.0	16.83		mg/L		100	75 - 125
Selenium	ND		0.200	0.193		mg/L		96	75 - 125
Silver	ND		0.0500	0.0543		mg/L		109	75 - 125
Sodium	353		10.0	344.7	4	mg/L		-85	75 - 125
Thallium	ND		0.200	0.191		mg/L		96	75 - 125
Vanadium	0.016		0.200	0.231		mg/L		107	75 - 125

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 202786

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.041		0.200	0.248		mg/L		104	75 - 125
Copper	0.0034	J	0.200	0.205		mg/L		101	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 202786

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.0039	J	0.200	0.195		mg/L		95	75 - 125

Lab Sample ID: 480-66679-4 MSD
Matrix: Ground Water
Analysis Batch: 202061

Client Sample ID: BCC Area B RFI-28 MSD 0914
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.077	J	10.0	10.54		mg/L		105	75 - 125	7	20
Antimony	ND		0.200	0.212		mg/L		106	75 - 125	7	20
Barium	0.026		0.200	0.240		mg/L		107	75 - 125	6	20
Beryllium	ND		0.200	0.208		mg/L		104	75 - 125	4	20
Cadmium	ND		0.200	0.201		mg/L		101	75 - 125	4	20
Calcium	178		10.0	182.0	4	mg/L		37	75 - 125	3	20
Chromium	0.0067		0.200	0.208		mg/L		101	75 - 125	4	20
Cobalt	ND		0.200	0.206		mg/L		103	75 - 125	4	20
Iron	0.29		10.0	9.59		mg/L		93	75 - 125	4	20
Lead	ND		0.200	0.204		mg/L		102	75 - 125	5	20
Magnesium	17.1		10.0	27.07		mg/L		99	75 - 125	4	20
Manganese	0.16		0.200	0.356		mg/L		97	75 - 125	4	20
Nickel	0.0040	J	0.200	0.199		mg/L		97	75 - 125	3	20
Potassium	6.9		10.0	17.66		mg/L		108	75 - 125	5	20
Selenium	ND		0.200	0.206		mg/L		103	75 - 125	7	20
Silver	ND		0.0500	0.0575		mg/L		115	75 - 125	6	20
Sodium	353		10.0	353.4	4	mg/L		2	75 - 125	2	20
Thallium	ND		0.200	0.200		mg/L		100	75 - 125	5	20
Vanadium	0.016		0.200	0.242		mg/L		113	75 - 125	5	20

Lab Sample ID: 480-66679-4 MSD
Matrix: Ground Water
Analysis Batch: 202786

Client Sample ID: BCC Area B RFI-28 MSD 0914
Prep Type: Total/NA
Prep Batch: 200965

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.041		0.200	0.260		mg/L		110	75 - 125	5	20
Copper	0.0034	J	0.200	0.212		mg/L		104	75 - 125	4	20
Zinc	0.0039	J	0.200	0.201		mg/L		99	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-201398/1-A
Matrix: Water
Analysis Batch: 201589

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/14 09:10	09/09/14 16:40	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-201398/2-A
Matrix: Water
Analysis Batch: 201589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201398

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00723		mg/L		108	80 - 120		

Lab Sample ID: 480-66679-4 MS
Matrix: Ground Water
Analysis Batch: 201589

Client Sample ID: BCC Area B RFI-28 MS 0914
Prep Type: Total/NA
Prep Batch: 201398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.00667	0.00665		mg/L		100	80 - 120		

Lab Sample ID: 480-66679-4 MSD
Matrix: Ground Water
Analysis Batch: 201589

Client Sample ID: BCC Area B RFI-28 MSD 0914
Prep Type: Total/NA
Prep Batch: 201398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00667		mg/L		100	80 - 120	0	20

GC/MS VOA

Analysis Batch: 202574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	8260C	
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	8260C	
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	8260C	
LCS 480-202574/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-202574/5	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 202710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	8260C	
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	8260C	
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	8260C	
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	8260C	
480-66679-6	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-202710/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-202710/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 117441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	3520C	
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	3520C	
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	3520C	
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	3520C	
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	3520C	
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	3520C	
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	3520C	
LCS 180-117441/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 180-117441/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 117720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	8270D	117441
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	8270D	117441
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	8270D	117441
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	8270D	117441
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	8270D	117441
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	8270D	117441
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	8270D	117441
LCS 180-117441/2-A	Lab Control Sample	Total/NA	Water	8270D	117441
MB 180-117441/1-A	Method Blank	Total/NA	Water	8270D	117441

Metals

Prep Batch: 200965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	3005A	
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	3005A	
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	3005A	
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	3005A	

Metals (Continued)

Prep Batch: 200965 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	3005A	
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	3005A	
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	3005A	
LCS 480-200965/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-200965/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 201398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	7470A	
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	7470A	
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	7470A	
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	7470A	
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	7470A	
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	7470A	
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	7470A	
LCS 480-201398/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-201398/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 201589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	7470A	201398
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	7470A	201398
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	7470A	201398
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	7470A	201398
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	7470A	201398
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	7470A	201398
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	7470A	201398
LCS 480-201398/2-A	Lab Control Sample	Total/NA	Water	7470A	201398
MB 480-201398/1-A	Method Blank	Total/NA	Water	7470A	201398

Analysis Batch: 202061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	6010C	200965
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	6010C	200965
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	6010C	200965
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	6010C	200965
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	6010C	200965
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	6010C	200965
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	6010C	200965
LCS 480-200965/2-A	Lab Control Sample	Total/NA	Water	6010C	200965
MB 480-200965/1-A	Method Blank	Total/NA	Water	6010C	200965

Analysis Batch: 202786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66679-1	BCC Area B RFI-28 D 0914	Total/NA	Ground Water	6010C	200965
480-66679-2	BCC Area B RFI-18 0914	Total/NA	Ground Water	6010C	200965
480-66679-3	BCC Area B RFI-27 0914	Total/NA	Ground Water	6010C	200965
480-66679-4	BCC Area B RFI-28 0914	Total/NA	Ground Water	6010C	200965
480-66679-4 MS	BCC Area B RFI-28 MS 0914	Total/NA	Ground Water	6010C	200965
480-66679-4 MSD	BCC Area B RFI-28 MSD 0914	Total/NA	Ground Water	6010C	200965
480-66679-5	BCC Area B RFI-30 0914	Total/NA	Ground Water	6010C	200965

Metals (Continued)

Analysis Batch: 202786 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-200965/2-A	Lab Control Sample	Total/NA	Water	6010C	200965
MB 480-200965/1-A	Method Blank	Total/NA	Water	6010C	200965

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 D 0914

Lab Sample ID: 480-66679-1

Date Collected: 09/04/14 12:40

Matrix: Ground Water

Date Received: 09/04/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	202574	09/16/14 14:32	CDC	TAL BUF
Total/NA	Prep	3520C			117441	09/09/14 09:22	BJT	TAL PIT
Total/NA	Analysis	8270D		1	117720	09/11/14 17:16	VVP	TAL PIT
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202061	09/11/14 19:55	AMH	TAL BUF
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202786	09/16/14 10:49	LMH	TAL BUF
Total/NA	Prep	7470A			201398	09/09/14 09:10	LRK	TAL BUF
Total/NA	Analysis	7470A		1	201589	09/09/14 16:54	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-18 0914

Lab Sample ID: 480-66679-2

Date Collected: 09/04/14 13:35

Matrix: Ground Water

Date Received: 09/04/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202574	09/16/14 14:57	CDC	TAL BUF
Total/NA	Prep	3520C			117441	09/09/14 09:22	BJT	TAL PIT
Total/NA	Analysis	8270D		1	117720	09/11/14 17:46	VVP	TAL PIT
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202061	09/11/14 20:06	AMH	TAL BUF
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202786	09/16/14 10:51	LMH	TAL BUF
Total/NA	Prep	7470A			201398	09/09/14 09:10	LRK	TAL BUF
Total/NA	Analysis	7470A		1	201589	09/09/14 16:55	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-27 0914

Lab Sample ID: 480-66679-3

Date Collected: 09/04/14 14:49

Matrix: Ground Water

Date Received: 09/04/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	202574	09/16/14 15:22	CDC	TAL BUF
Total/NA	Prep	3520C			117441	09/09/14 09:22	BJT	TAL PIT
Total/NA	Analysis	8270D		1	117720	09/11/14 18:15	VVP	TAL PIT
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202061	09/11/14 20:09	AMH	TAL BUF
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202786	09/16/14 10:54	LMH	TAL BUF
Total/NA	Prep	7470A			201398	09/09/14 09:10	LRK	TAL BUF
Total/NA	Analysis	7470A		1	201589	09/09/14 16:57	LRK	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Client Sample ID: BCC Area B RFI-28 0914

Lab Sample ID: 480-66679-4

Date Collected: 09/04/14 12:20

Matrix: Ground Water

Date Received: 09/04/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	202710	09/17/14 03:11	RAS	TAL BUF
Total/NA	Prep	3520C			117441	09/09/14 09:22	BJT	TAL PIT
Total/NA	Analysis	8270D		1	117720	09/11/14 18:44	VVP	TAL PIT
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202061	09/11/14 20:12	AMH	TAL BUF
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202786	09/16/14 10:57	LMH	TAL BUF
Total/NA	Prep	7470A			201398	09/09/14 09:10	LRK	TAL BUF
Total/NA	Analysis	7470A		1	201589	09/09/14 16:59	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-30 0914

Lab Sample ID: 480-66679-5

Date Collected: 09/04/14 14:15

Matrix: Ground Water

Date Received: 09/04/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202710	09/17/14 04:25	RAS	TAL BUF
Total/NA	Prep	3520C			117441	09/09/14 09:22	BJT	TAL PIT
Total/NA	Analysis	8270D		1	117720	09/11/14 20:12	VVP	TAL PIT
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202061	09/11/14 20:26	AMH	TAL BUF
Total/NA	Prep	3005A			200965	09/11/14 10:39	SLB	TAL BUF
Total/NA	Analysis	6010C		1	202786	09/16/14 11:20	LMH	TAL BUF
Total/NA	Prep	7470A			201398	09/09/14 09:10	LRK	TAL BUF
Total/NA	Analysis	7470A		1	201589	09/09/14 17:06	LRK	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-66679-6

Date Collected: 09/04/14 00:00

Matrix: Water

Date Received: 09/04/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	202710	09/17/14 04:50	RAS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-15
Connecticut	State Program	1	PH-0688	09-30-14 *
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15
North Carolina (WW/SW)	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-15
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-66679-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-66679-1	BCC Area B RFI-28 D 0914	Ground Water	09/04/14 12:40	09/04/14 17:00
480-66679-2	BCC Area B RFI-18 0914	Ground Water	09/04/14 13:35	09/04/14 17:00
480-66679-3	BCC Area B RFI-27 0914	Ground Water	09/04/14 14:49	09/04/14 17:00
480-66679-4	BCC Area B RFI-28 0914	Ground Water	09/04/14 12:20	09/04/14 17:00
480-66679-5	BCC Area B RFI-30 0914	Ground Water	09/04/14 14:15	09/04/14 17:00
480-66679-6	TRIP BLANK	Water	09/04/14 00:00	09/04/14 17:00

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Date: 9-4-14	COC No: 274320.0914
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 0913-OMM
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area B Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

480-66679 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area B_RFI-18_ 0914	9/4/14	1335	G	W	6	N	3	1	2	
BCC_Area B_RFI-27_ 0914		1445	G	W	6	N	3	1	2	
BCC_Area B_RFI-28_ 0914		1220	G	W	6	N	3	1	2	
BCC_Area B_RFI-30_ 0914		1415	G	W	6	N	3	1	2	
BCC_Area B_RFI-28 D_ 0914		1240	G	W	6	N	3	1	2	
BCC_Area B_ RFI-28 MS_ 0914		1250	G	W	6	N	3	1	2	
BCC_Area B_ RFI-28 MSD_ 0914		1300	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	N/A	2		2			
Container Volume (ml)							40	250	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

Possible Hazard Identification
[ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	9/4/14 1700		TMB	9-4-14 1700
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#2 4.1

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-66679-1

Login Number: 66679

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ontario specialty
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-66679-1

Login Number: 66679
List Number: 2
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 09/06/14 02:54 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-71258-1
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: Andrew Madden

Authorized for release by:
12/4/2014 4:28:53 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits

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.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-71258-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-71258-1

Comments
No additional comments.

Receipt
The samples were received on 11/12/2014 4:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the coolers at receipt were 2.5º C and 2.9º C..

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 215535 recovered outside acceptance criteria, low biased, for Carbon Disulfide and/or Carbon Tetrachloride. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8260C: The laboratory control sample (LCS) for batch 215535 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: BCC Area B RFI-27_1114 (480-71258-2), BCC Area B RFI-28_1114 (480-71258-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 215634 recovered outside acceptance criteria, low biased, for Carbon disulfide. 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) 8260C: The laboratory control sample (LCS) for batch 215634 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: BCC Area B RFI-27_1114 (480-71258-2). 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 laboratory control sample (LCS) for batch 214152 recovered outside control limits for the following analyte: 4,6-Dintro-2-methyl phenol, Benzo(g,h,i) perylene, Carbazole and Indeno(1,2,3-cd) pyrene. The large number of analytes included in the laboratory control sample (LCS) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: BCC Area B RFI-30 MS_1114 (480-71258-4 MS). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The low level continuing calibration verification (CCVL 480-215589/62 and 74) recovered above the upper control limit for Total Zinc. The sample(s) BCC Area B RFI-27_1114 (480-71258-2) associated with this CCVL was less than the reporting limit (RL) for this analyte; therefore, re-analysis of samples was not performed.

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-215589/62 and 74) recovered above the upper control limit for Total Zinc. The sample(s) (LCS 480-215185/2-A), (MB 480-215185/1-A) associated with this CCVL were either ND or less than the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore,

Job ID: 480-71258-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-18_1114 — Lab Sample ID: 480-71258-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	2.1	J	9.9	0.61	ug/L	1		8270D	Total/NA
Benzaldehyde	0.45	J B	5.0	0.26	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.4	J B	5.0	1.8	ug/L	1		8270D	Total/NA
Aluminum	0.55		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.017		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.099		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	900	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.026		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.013		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0059	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	23.3		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0054	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	295		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.040		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1050		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.014	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-27_1114 — Lab Sample ID: 480-71258-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	9.8	J	10	7.5	ug/L	10		8260C	Total/NA
Trichloroethene	70		10	4.6	ug/L	10		8260C	Total/NA
Tetrachloroethene - DL	1000		20	7.2	ug/L	20		8260C	Total/NA
Benzaldehyde	0.97	J B	4.9	0.26	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.6	J B	4.9	1.8	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.30	J	4.9	0.30	ug/L	1		8270D	Total/NA
Aluminum	0.079	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.042		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	227	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.43		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0071		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.015		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	103		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.60		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.21		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	299		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	0.0070	J ^ B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-28_1114 — Lab Sample ID: 480-71258-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Chloroaniline	3.5	J	5.0	0.59	ug/L	1		8270D	Total/NA
Aniline	4.8	J	10	0.61	ug/L	1		8270D	Total/NA
Benzaldehyde	0.73	J B	5.0	0.27	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.5	J B	5.0	1.8	ug/L	1		8270D	Total/NA

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: 480-71258-1

Client Sample ID: BCC Area B RFI-28_1114 (Continued) — Lab Sample ID: 480-71258-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
N-Nitrosodiphenylamine	3.4	J	5.0	0.51	ug/L	1		8270D	Total/NA
Phenol	0.68	J	5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	0.40		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.050		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	193	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.016		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0076	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.69		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0048	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	17.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.17		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	393		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.019		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.010	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30_1114 — Lab Sample ID: 480-71258-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.74	J B	4.9	0.26	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	22	B	4.9	1.8	ug/L	1		8270D	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	292	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.22		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0078		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.017		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	102		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.83		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.20		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	343		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.016	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area B RFI-30 D_1114 — Lab Sample ID: 480-71258-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde	0.75	J B	4.9	0.26	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	2.2	J B	4.9	1.8	ug/L	1		8270D	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	288	B	0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.25		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0068		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.017		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	101		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.80		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.18		0.010	0.0013	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area B RFI-30 D_1114 (Continued) — Lab Sample ID: 480-71258-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	345		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.018	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-71258-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.56	J	1.0	0.44	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-18_1114
Date Collected: 11/12/14 13:45
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-1
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/23/14 14:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/23/14 14:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/23/14 14:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/23/14 14:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/23/14 14:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/23/14 14:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/23/14 14:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/23/14 14:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/23/14 14:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/23/14 14:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/23/14 14:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/23/14 14:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/23/14 14:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/23/14 14:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/23/14 14:28	1
2-Hexanone	ND		5.0	1.2	ug/L			11/23/14 14:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/23/14 14:28	1
Acetone	ND		10	3.0	ug/L			11/23/14 14:28	1
Benzene	ND		1.0	0.41	ug/L			11/23/14 14:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/23/14 14:28	1
Bromoform	ND		1.0	0.26	ug/L			11/23/14 14:28	1
Bromomethane	ND		1.0	0.69	ug/L			11/23/14 14:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/23/14 14:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/23/14 14:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/23/14 14:28	1
Chloroethane	ND		1.0	0.32	ug/L			11/23/14 14:28	1
Chloroform	ND		1.0	0.34	ug/L			11/23/14 14:28	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/23/14 14:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/14 14:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/23/14 14:28	1
Cyclohexane	ND		1.0	0.18	ug/L			11/23/14 14:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/23/14 14:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/23/14 14:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/23/14 14:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/23/14 14:28	1
Methyl acetate	ND		2.5	0.50	ug/L			11/23/14 14:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/23/14 14:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/23/14 14:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/23/14 14:28	1
Styrene	ND		1.0	0.73	ug/L			11/23/14 14:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/14 14:28	1
Toluene	ND		1.0	0.51	ug/L			11/23/14 14:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/14 14:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/23/14 14:28	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/14 14:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/23/14 14:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/23/14 14:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/23/14 14:28	1

Client Sample ID: BCC Area B RFI-18_1114

Lab Sample ID: 480-71258-1

Date Collected: 11/12/14 13:45

Matrix: Ground Water

Date Received: 11/12/14 16:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*11/23/14 14:28*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*11/23/14 14:28*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*11/23/14 14:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 12:12	12/02/14 14:24	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 12:12	12/02/14 14:24	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 14:24	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 12:12	12/02/14 14:24	1
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		11/14/14 12:12	12/02/14 14:24	1
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L		11/14/14 12:12	12/02/14 14:24	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 14:24	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 12:12	12/02/14 14:24	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 12:12	12/02/14 14:24	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 12:12	12/02/14 14:24	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 14:24	1
2-Nitroaniline	ND		9.9	0.42	ug/L		11/14/14 12:12	12/02/14 14:24	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 12:12	12/02/14 14:24	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 14:24	1
3-Nitroaniline	ND		9.9	0.48	ug/L		11/14/14 12:12	12/02/14 14:24	1
4,6-Dinitro-2-methylphenol	ND	*	9.9	2.2	ug/L		11/14/14 12:12	12/02/14 14:24	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 14:24	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 14:24	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 14:24	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 12:12	12/02/14 14:24	1
4-Methylphenol	ND		9.9	0.36	ug/L		11/14/14 12:12	12/02/14 14:24	1
4-Nitroaniline	ND		9.9	0.25	ug/L		11/14/14 12:12	12/02/14 14:24	1
4-Nitrophenol	ND		9.9	1.5	ug/L		11/14/14 12:12	12/02/14 14:24	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 12:12	12/02/14 14:24	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 12:12	12/02/14 14:24	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 12:12	12/02/14 14:24	1
Aniline	**2.1**	**J**	9.9	0.61	ug/L		11/14/14 12:12	12/02/14 14:24	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 12:12	12/02/14 14:24	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 12:12	12/02/14 14:24	1
Benzaldehyde	**0.45**	**J B**	5.0	0.26	ug/L		11/14/14 12:12	12/02/14 14:24	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 14:24	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 12:12	12/02/14 14:24	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 12:12	12/02/14 14:24	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		11/14/14 12:12	12/02/14 14:24	1
Benzo(k)fluoranthene	ND		5.0	0.72	ug/L		11/14/14 12:12	12/02/14 14:24	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 12:12	12/02/14 14:24	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 12:12	12/02/14 14:24	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 12:12	12/02/14 14:24	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 14:24	1
Bis(2-ethylhexyl) phthalate	**2.4**	**J B**	5.0	1.8	ug/L		11/14/14 12:12	12/02/14 14:24	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 12:12	12/02/14 14:24	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 12:12	12/02/14 14:24	1
Carbazole	ND	*	5.0	0.30	ug/L		11/14/14 12:12	12/02/14 14:24	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 12:12	12/02/14 14:24	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-18_1114
Date Collected: 11/12/14 13:45
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-1
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 12:12	12/02/14 14:24	1
Dibenzofuran	ND		9.9	0.51	ug/L		11/14/14 12:12	12/02/14 14:24	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 12:12	12/02/14 14:24	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 14:24	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 12:12	12/02/14 14:24	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 12:12	12/02/14 14:24	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 14:24	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 14:24	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 14:24	1
Hexachlorobutadiene	ND		5.0	0.67	ug/L		11/14/14 12:12	12/02/14 14:24	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 14:24	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 14:24	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 12:12	12/02/14 14:24	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 12:12	12/02/14 14:24	1
Naphthalene	ND		5.0	0.75	ug/L		11/14/14 12:12	12/02/14 14:24	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 12:12	12/02/14 14:24	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 12:12	12/02/14 14:24	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 14:24	1
Pentachlorophenol	ND		9.9	2.2	ug/L		11/14/14 12:12	12/02/14 14:24	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 12:12	12/02/14 14:24	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 12:12	12/02/14 14:24	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 12:12	12/02/14 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*52 - 132*	*11/14/14 12:12*	*12/02/14 14:24*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*11/14/14 12:12*	*12/02/14 14:24*	*1*
2-Fluorophenol	*80*		*20 - 120*	*11/14/14 12:12*	*12/02/14 14:24*	*1*
Nitrobenzene-d5	*65*		*46 - 120*	*11/14/14 12:12*	*12/02/14 14:24*	*1*
Phenol-d5	*51*		*16 - 120*	*11/14/14 12:12*	*12/02/14 14:24*	*1*
p-Terphenyl-d14	*73*		*67 - 150*	*11/14/14 12:12*	*12/02/14 14:24*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.55**		0.20	0.060	mg/L		11/14/14 14:35	11/18/14 01:46	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 14:35	11/18/14 01:46	1
Arsenic	**0.017**		0.015	0.0056	mg/L		11/14/14 14:35	11/18/14 01:46	1
Barium	**0.099**		0.0020	0.00070	mg/L		11/14/14 14:35	11/18/14 01:46	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 14:35	11/18/14 01:46	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 14:35	11/18/14 01:46	1
Calcium	**900**	**B**	0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:46	1
Chromium	**0.026**		0.0040	0.0010	mg/L		11/14/14 14:35	11/18/14 01:46	1
Cobalt	**0.013**		0.0040	0.00063	mg/L		11/14/14 14:35	11/18/14 01:46	1
Copper	**0.0059**	**J**	0.010	0.0016	mg/L		11/14/14 14:35	11/19/14 20:58	1
Iron	**23.3**		0.050	0.019	mg/L		11/14/14 14:35	11/18/14 01:46	1
Lead	**0.0054**	**J**	0.010	0.0030	mg/L		11/14/14 14:35	11/18/14 01:46	1
Magnesium	**295**		0.20	0.043	mg/L		11/14/14 14:35	11/18/14 01:46	1
Manganese	**4.5**		0.0030	0.00040	mg/L		11/14/14 14:35	11/18/14 01:46	1
Nickel	**0.040**		0.010	0.0013	mg/L		11/14/14 14:35	11/18/14 01:46	1
Potassium	**2.7**		0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:46	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 14:35	11/18/14 01:46	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-18_1114
Date Collected: 11/12/14 13:45
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-1
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 14:35	11/18/14 01:46	1
Sodium	**1050**		1.0	0.32	mg/L		11/14/14 14:35	11/18/14 01:46	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 14:35	11/18/14 01:46	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 14:35	11/19/14 20:58	1
Zinc	**0.014**	**B**	0.010	0.0015	mg/L		11/21/14 08:40	11/24/14 13:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 08:15	11/14/14 13:26	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-27_1114
Date Collected: 11/12/14 11:30
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-2
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			11/23/14 14:50	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/23/14 14:50	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/23/14 14:50	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/23/14 14:50	10
1,1-Dichloroethane	ND		10	3.8	ug/L			11/23/14 14:50	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/23/14 14:50	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/23/14 14:50	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/23/14 14:50	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/23/14 14:50	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/23/14 14:50	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/23/14 14:50	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/23/14 14:50	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/23/14 14:50	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/23/14 14:50	10
2-Butanone (MEK)	ND		100	13	ug/L			11/23/14 14:50	10
2-Hexanone	ND		50	12	ug/L			11/23/14 14:50	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/23/14 14:50	10
Acetone	ND		100	30	ug/L			11/23/14 14:50	10
Benzene	ND		10	4.1	ug/L			11/23/14 14:50	10
Bromodichloromethane	ND		10	3.9	ug/L			11/23/14 14:50	10
Bromoform	ND		10	2.6	ug/L			11/23/14 14:50	10
Bromomethane	ND		10	6.9	ug/L			11/23/14 14:50	10
Carbon disulfide	ND		10	1.9	ug/L			11/23/14 14:50	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/23/14 14:50	10
Chlorobenzene	**9.8**	**J**	10	7.5	ug/L			11/23/14 14:50	10
Chloroethane	ND		10	3.2	ug/L			11/23/14 14:50	10
Chloroform	ND		10	3.4	ug/L			11/23/14 14:50	10
Chloromethane	ND	*	10	3.5	ug/L			11/23/14 14:50	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			11/23/14 14:50	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/23/14 14:50	10
Cyclohexane	ND		10	1.8	ug/L			11/23/14 14:50	10
Dibromochloromethane	ND		10	3.2	ug/L			11/23/14 14:50	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/23/14 14:50	10
Ethylbenzene	ND		10	7.4	ug/L			11/23/14 14:50	10
Isopropylbenzene	ND		10	7.9	ug/L			11/23/14 14:50	10
Methyl acetate	ND		25	5.0	ug/L			11/23/14 14:50	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/23/14 14:50	10
Methylcyclohexane	ND		10	1.6	ug/L			11/23/14 14:50	10
Methylene Chloride	ND		10	4.4	ug/L			11/23/14 14:50	10
Styrene	ND		10	7.3	ug/L			11/23/14 14:50	10
Toluene	ND		10	5.1	ug/L			11/23/14 14:50	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/23/14 14:50	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/23/14 14:50	10
Trichloroethene	**70**		10	4.6	ug/L			11/23/14 14:50	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/23/14 14:50	10
Vinyl chloride	ND		10	9.0	ug/L			11/23/14 14:50	10
Xylenes, Total	ND		20	6.6	ug/L			11/23/14 14:50	10

Client Sample ID: BCC Area B RFI-27_1114
Date Collected: 11/12/14 11:30
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-2
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*11/23/14 14:50*	*10*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*11/23/14 14:50*	*10*
Toluene-d8 (Surr)	*111*		*71 - 126*		*11/23/14 14:50*	*10*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1000**		20	7.2	ug/L			11/24/14 12:39	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*11/24/14 12:39*	*20*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*11/24/14 12:39*	*20*
Toluene-d8 (Surr)	*102*		*71 - 126*		*11/24/14 12:39*	*20*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		11/14/14 12:12	12/02/14 14:50	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		11/14/14 12:12	12/02/14 14:50	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 14:50	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		11/14/14 12:12	12/02/14 14:50	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		11/14/14 12:12	12/02/14 14:50	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 14:50	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 14:50	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		11/14/14 12:12	12/02/14 14:50	1
2-Chlorophenol	ND		4.9	0.52	ug/L		11/14/14 12:12	12/02/14 14:50	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		11/14/14 12:12	12/02/14 14:50	1
2-Methylphenol	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 14:50	1
2-Nitroaniline	ND		9.8	0.41	ug/L		11/14/14 12:12	12/02/14 14:50	1
2-Nitrophenol	ND		4.9	0.47	ug/L		11/14/14 12:12	12/02/14 14:50	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 14:50	1
3-Nitroaniline	ND		9.8	0.47	ug/L		11/14/14 12:12	12/02/14 14:50	1
4,6-Dinitro-2-methylphenol	ND	*	9.8	2.2	ug/L		11/14/14 12:12	12/02/14 14:50	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 14:50	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 14:50	1
4-Chloroaniline	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 14:50	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		11/14/14 12:12	12/02/14 14:50	1
4-Methylphenol	ND		9.8	0.35	ug/L		11/14/14 12:12	12/02/14 14:50	1
4-Nitroaniline	ND		9.8	0.25	ug/L		11/14/14 12:12	12/02/14 14:50	1
4-Nitrophenol	ND		9.8	1.5	ug/L		11/14/14 12:12	12/02/14 14:50	1
Acenaphthene	ND		4.9	0.40	ug/L		11/14/14 12:12	12/02/14 14:50	1
Acenaphthylene	ND		4.9	0.37	ug/L		11/14/14 12:12	12/02/14 14:50	1
Acetophenone	ND		4.9	0.53	ug/L		11/14/14 12:12	12/02/14 14:50	1
Aniline	ND		9.8	0.60	ug/L		11/14/14 12:12	12/02/14 14:50	1
Anthracene	ND		4.9	0.27	ug/L		11/14/14 12:12	12/02/14 14:50	1
Atrazine	ND		4.9	0.45	ug/L		11/14/14 12:12	12/02/14 14:50	1
Benzaldehyde	**0.97**	**J B**	4.9	0.26	ug/L		11/14/14 12:12	12/02/14 14:50	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 14:50	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		11/14/14 12:12	12/02/14 14:50	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		11/14/14 12:12	12/02/14 14:50	1
Benzo(g,h,i)perylene	ND	*	4.9	0.34	ug/L		11/14/14 12:12	12/02/14 14:50	1
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L		11/14/14 12:12	12/02/14 14:50	1
Biphenyl	ND		4.9	0.64	ug/L		11/14/14 12:12	12/02/14 14:50	1

Client Sample ID: BCC Area B RFI-27_1114
Date Collected: 11/12/14 11:30
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-2
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		11/14/14 12:12	12/02/14 14:50	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		11/14/14 12:12	12/02/14 14:50	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 14:50	1
Bis(2-ethylhexyl) phthalate	**2.6**	**J B**	4.9	1.8	ug/L		11/14/14 12:12	12/02/14 14:50	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		11/14/14 12:12	12/02/14 14:50	1
Caprolactam	ND		4.9	2.2	ug/L		11/14/14 12:12	12/02/14 14:50	1
Carbazole	ND	*	4.9	0.29	ug/L		11/14/14 12:12	12/02/14 14:50	1
Chrysene	ND		4.9	0.32	ug/L		11/14/14 12:12	12/02/14 14:50	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		11/14/14 12:12	12/02/14 14:50	1
Dibenzofuran	ND		9.8	0.50	ug/L		11/14/14 12:12	12/02/14 14:50	1
Diethyl phthalate	ND		4.9	0.22	ug/L		11/14/14 12:12	12/02/14 14:50	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 14:50	1
Di-n-butyl phthalate	**0.30**	**J**	4.9	0.30	ug/L		11/14/14 12:12	12/02/14 14:50	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		11/14/14 12:12	12/02/14 14:50	1
Fluoranthene	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 14:50	1
Fluorene	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 14:50	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 14:50	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		11/14/14 12:12	12/02/14 14:50	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 14:50	1
Hexachloroethane	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 14:50	1
Indeno(1,2,3-cd)pyrene	ND	*	4.9	0.46	ug/L		11/14/14 12:12	12/02/14 14:50	1
Isophorone	ND		4.9	0.42	ug/L		11/14/14 12:12	12/02/14 14:50	1
Naphthalene	ND		4.9	0.75	ug/L		11/14/14 12:12	12/02/14 14:50	1
Nitrobenzene	ND		4.9	0.28	ug/L		11/14/14 12:12	12/02/14 14:50	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		11/14/14 12:12	12/02/14 14:50	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 14:50	1
Pentachlorophenol	ND		9.8	2.2	ug/L		11/14/14 12:12	12/02/14 14:50	1
Phenanthrene	ND		4.9	0.43	ug/L		11/14/14 12:12	12/02/14 14:50	1
Phenol	ND		4.9	0.38	ug/L		11/14/14 12:12	12/02/14 14:50	1
Pyrene	ND		4.9	0.33	ug/L		11/14/14 12:12	12/02/14 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*11/14/14 12:12*	*12/02/14 14:50*	*1*
2-Fluorobiphenyl	*77*		*48 - 120*	*11/14/14 12:12*	*12/02/14 14:50*	*1*
2-Fluorophenol	*88*		*20 - 120*	*11/14/14 12:12*	*12/02/14 14:50*	*1*
Nitrobenzene-d5	*69*		*46 - 120*	*11/14/14 12:12*	*12/02/14 14:50*	*1*
Phenol-d5	*53*		*16 - 120*	*11/14/14 12:12*	*12/02/14 14:50*	*1*
p-Terphenyl-d14	*85*		*67 - 150*	*11/14/14 12:12*	*12/02/14 14:50*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.079**	**J**	0.20	0.060	mg/L		11/14/14 14:35	11/18/14 01:49	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 14:35	11/18/14 01:49	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 14:35	11/18/14 01:49	1
Barium	**0.042**		0.0020	0.00070	mg/L		11/14/14 14:35	11/18/14 01:49	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 14:35	11/18/14 01:49	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 14:35	11/18/14 01:49	1
Calcium	**227**	**B**	0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:49	1
Chromium	**0.43**		0.0040	0.0010	mg/L		11/14/14 14:35	11/18/14 01:49	1
Cobalt	**0.0071**		0.0040	0.00063	mg/L		11/14/14 14:35	11/18/14 01:49	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-27_1114
Date Collected: 11/12/14 11:30
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-2
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.015		0.010	0.0016	mg/L		11/14/14 14:35	11/18/14 12:42	1
Iron	3.3		0.050	0.019	mg/L		11/14/14 14:35	11/18/14 01:49	1
Lead	ND		0.010	0.0030	mg/L		11/14/14 14:35	11/18/14 01:49	1
Magnesium	103		0.20	0.043	mg/L		11/14/14 14:35	11/18/14 01:49	1
Manganese	0.60		0.0030	0.00040	mg/L		11/14/14 14:35	11/18/14 01:49	1
Nickel	0.21		0.010	0.0013	mg/L		11/14/14 14:35	11/18/14 01:49	1
Potassium	2.3		0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:49	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 14:35	11/18/14 01:49	1
Silver	ND		0.0060	0.0017	mg/L		11/14/14 14:35	11/18/14 01:49	1
Sodium	299		1.0	0.32	mg/L		11/14/14 14:35	11/18/14 01:49	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 14:35	11/18/14 01:49	1
Vanadium	0.0019	J	0.0050	0.0015	mg/L		11/14/14 14:35	11/18/14 12:42	1
Zinc	0.0070	J ^ B	0.010	0.0015	mg/L		11/21/14 08:40	11/22/14 15:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 08:15	11/14/14 13:27	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-28_1114
Date Collected: 11/12/14 14:15
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-3
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			11/23/14 15:13	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/23/14 15:13	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/23/14 15:13	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/23/14 15:13	10
1,1-Dichloroethane	ND		10	3.8	ug/L			11/23/14 15:13	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/23/14 15:13	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/23/14 15:13	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/23/14 15:13	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/23/14 15:13	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/23/14 15:13	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/23/14 15:13	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/23/14 15:13	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/23/14 15:13	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/23/14 15:13	10
2-Butanone (MEK)	ND		100	13	ug/L			11/23/14 15:13	10
2-Hexanone	ND		50	12	ug/L			11/23/14 15:13	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/23/14 15:13	10
Acetone	ND		100	30	ug/L			11/23/14 15:13	10
Benzene	ND		10	4.1	ug/L			11/23/14 15:13	10
Bromodichloromethane	ND		10	3.9	ug/L			11/23/14 15:13	10
Bromoform	ND		10	2.6	ug/L			11/23/14 15:13	10
Bromomethane	ND		10	6.9	ug/L			11/23/14 15:13	10
Carbon disulfide	ND		10	1.9	ug/L			11/23/14 15:13	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/23/14 15:13	10
Chlorobenzene	ND		10	7.5	ug/L			11/23/14 15:13	10
Chloroethane	ND		10	3.2	ug/L			11/23/14 15:13	10
Chloroform	ND		10	3.4	ug/L			11/23/14 15:13	10
Chloromethane	ND	*	10	3.5	ug/L			11/23/14 15:13	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			11/23/14 15:13	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/23/14 15:13	10
Cyclohexane	ND		10	1.8	ug/L			11/23/14 15:13	10
Dibromochloromethane	ND		10	3.2	ug/L			11/23/14 15:13	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/23/14 15:13	10
Ethylbenzene	ND		10	7.4	ug/L			11/23/14 15:13	10
Isopropylbenzene	ND		10	7.9	ug/L			11/23/14 15:13	10
Methyl acetate	ND		25	5.0	ug/L			11/23/14 15:13	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/23/14 15:13	10
Methylcyclohexane	ND		10	1.6	ug/L			11/23/14 15:13	10
Methylene Chloride	ND		10	4.4	ug/L			11/23/14 15:13	10
Styrene	ND		10	7.3	ug/L			11/23/14 15:13	10
Tetrachloroethene	ND		10	3.6	ug/L			11/23/14 15:13	10
Toluene	ND		10	5.1	ug/L			11/23/14 15:13	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/23/14 15:13	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/23/14 15:13	10
Trichloroethene	ND		10	4.6	ug/L			11/23/14 15:13	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/23/14 15:13	10
Vinyl chloride	ND		10	9.0	ug/L			11/23/14 15:13	10
Xylenes, Total	ND		20	6.6	ug/L			11/23/14 15:13	10

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-28_1114
Date Collected: 11/12/14 14:15
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*11/23/14 15:13*	*10*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*11/23/14 15:13*	*10*
Toluene-d8 (Surr)	*111*		*71 - 126*		*11/23/14 15:13*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 12:12	12/02/14 15:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 12:12	12/02/14 15:16	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 15:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 12:12	12/02/14 15:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 12:12	12/02/14 15:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 15:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 15:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 12:12	12/02/14 15:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 12:12	12/02/14 15:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 12:12	12/02/14 15:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 15:16	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 12:12	12/02/14 15:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 12:12	12/02/14 15:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 15:16	1
3-Nitroaniline	ND		10	0.48	ug/L		11/14/14 12:12	12/02/14 15:16	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		11/14/14 12:12	12/02/14 15:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 15:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 15:16	1
4-Chloroaniline	**3.5**	**J**	5.0	0.59	ug/L		11/14/14 12:12	12/02/14 15:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 12:12	12/02/14 15:16	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 12:12	12/02/14 15:16	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 12:12	12/02/14 15:16	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 12:12	12/02/14 15:16	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 12:12	12/02/14 15:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 12:12	12/02/14 15:16	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 12:12	12/02/14 15:16	1
Aniline	**4.8**	**J**	10	0.61	ug/L		11/14/14 12:12	12/02/14 15:16	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 12:12	12/02/14 15:16	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 12:12	12/02/14 15:16	1
Benzaldehyde	**0.73**	**J B**	5.0	0.27	ug/L		11/14/14 12:12	12/02/14 15:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 15:16	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 12:12	12/02/14 15:16	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 12:12	12/02/14 15:16	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		11/14/14 12:12	12/02/14 15:16	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 12:12	12/02/14 15:16	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 12:12	12/02/14 15:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 12:12	12/02/14 15:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 12:12	12/02/14 15:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 15:16	1
Bis(2-ethylhexyl) phthalate	**3.5**	**J B**	5.0	1.8	ug/L		11/14/14 12:12	12/02/14 15:16	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 12:12	12/02/14 15:16	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 12:12	12/02/14 15:16	1
Carbazole	ND	*	5.0	0.30	ug/L		11/14/14 12:12	12/02/14 15:16	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 12:12	12/02/14 15:16	1

Client Sample ID: BCC Area B RFI-28_1114
Date Collected: 11/12/14 14:15
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-3
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 12:12	12/02/14 15:16	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 12:12	12/02/14 15:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 12:12	12/02/14 15:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 15:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 12:12	12/02/14 15:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 12:12	12/02/14 15:16	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 15:16	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 15:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 15:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 12:12	12/02/14 15:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 15:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 15:16	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		11/14/14 12:12	12/02/14 15:16	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 12:12	12/02/14 15:16	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 12:12	12/02/14 15:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 12:12	12/02/14 15:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 12:12	12/02/14 15:16	1
N-Nitrosodiphenylamine	**3.4**	**J**	5.0	0.51	ug/L		11/14/14 12:12	12/02/14 15:16	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 12:12	12/02/14 15:16	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 12:12	12/02/14 15:16	1
Phenol	**0.68**	**J**	5.0	0.39	ug/L		11/14/14 12:12	12/02/14 15:16	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 12:12	12/02/14 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*52 - 132*	*11/14/14 12:12*	*12/02/14 15:16*	*1*
2-Fluorobiphenyl	*79*		*48 - 120*	*11/14/14 12:12*	*12/02/14 15:16*	*1*
2-Fluorophenol	*85*		*20 - 120*	*11/14/14 12:12*	*12/02/14 15:16*	*1*
Nitrobenzene-d5	*70*		*46 - 120*	*11/14/14 12:12*	*12/02/14 15:16*	*1*
Phenol-d5	*55*		*16 - 120*	*11/14/14 12:12*	*12/02/14 15:16*	*1*
p-Terphenyl-d14	*77*		*67 - 150*	*11/14/14 12:12*	*12/02/14 15:16*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.40**		0.20	0.060	mg/L		11/14/14 14:35	11/18/14 01:52	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 14:35	11/18/14 01:52	1
Arsenic	**0.050**		0.015	0.0056	mg/L		11/14/14 14:35	11/18/14 01:52	1
Barium	**0.024**		0.0020	0.00070	mg/L		11/14/14 14:35	11/18/14 01:52	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 14:35	11/18/14 01:52	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 14:35	11/18/14 01:52	1
Calcium	**193**	**B**	0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:52	1
Chromium	**0.016**		0.0040	0.0010	mg/L		11/14/14 14:35	11/18/14 01:52	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 14:35	11/18/14 01:52	1
Copper	**0.0076**	**J**	0.010	0.0016	mg/L		11/14/14 14:35	11/18/14 12:45	1
Iron	**0.69**		0.050	0.019	mg/L		11/14/14 14:35	11/18/14 01:52	1
Lead	**0.0048**	**J**	0.010	0.0030	mg/L		11/14/14 14:35	11/18/14 01:52	1
Magnesium	**17.0**		0.20	0.043	mg/L		11/14/14 14:35	11/18/14 01:52	1
Manganese	**0.17**		0.0030	0.00040	mg/L		11/14/14 14:35	11/18/14 01:52	1
Nickel	**0.011**		0.010	0.0013	mg/L		11/14/14 14:35	11/18/14 01:52	1
Potassium	**7.5**		0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:52	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 14:35	11/18/14 01:52	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-28_1114
Date Collected: 11/12/14 14:15
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-3
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 14:35	11/18/14 01:52	1
Sodium	**393**		1.0	0.32	mg/L		11/14/14 14:35	11/18/14 01:52	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 14:35	11/18/14 01:52	1
Vanadium	**0.019**		0.0050	0.0015	mg/L		11/14/14 14:35	11/18/14 12:45	1
Zinc	**0.010**	**B**	0.010	0.0015	mg/L		11/21/14 08:40	11/24/14 13:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 08:15	11/14/14 13:29	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-30_1114
Date Collected: 11/12/14 12:10
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-4
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/23/14 15:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/23/14 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/23/14 15:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/23/14 15:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/23/14 15:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/23/14 15:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/23/14 15:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/23/14 15:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/23/14 15:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/23/14 15:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/23/14 15:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/23/14 15:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/23/14 15:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/23/14 15:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/23/14 15:36	1
2-Hexanone	ND		5.0	1.2	ug/L			11/23/14 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/23/14 15:36	1
Acetone	ND		10	3.0	ug/L			11/23/14 15:36	1
Benzene	ND		1.0	0.41	ug/L			11/23/14 15:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/23/14 15:36	1
Bromoform	ND		1.0	0.26	ug/L			11/23/14 15:36	1
Bromomethane	ND		1.0	0.69	ug/L			11/23/14 15:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/23/14 15:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/23/14 15:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/23/14 15:36	1
Chloroethane	ND		1.0	0.32	ug/L			11/23/14 15:36	1
Chloroform	ND		1.0	0.34	ug/L			11/23/14 15:36	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/23/14 15:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/14 15:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/23/14 15:36	1
Cyclohexane	ND		1.0	0.18	ug/L			11/23/14 15:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/23/14 15:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/23/14 15:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/23/14 15:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/23/14 15:36	1
Methyl acetate	ND		2.5	0.50	ug/L			11/23/14 15:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/23/14 15:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/23/14 15:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/23/14 15:36	1
Styrene	ND		1.0	0.73	ug/L			11/23/14 15:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/14 15:36	1
Toluene	ND		1.0	0.51	ug/L			11/23/14 15:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/14 15:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/23/14 15:36	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/14 15:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/23/14 15:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/23/14 15:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/23/14 15:36	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-30_1114
Date Collected: 11/12/14 12:10
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-4
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*11/23/14 15:36*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*11/23/14 15:36*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*11/23/14 15:36*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		11/14/14 12:12	12/02/14 15:43	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		11/14/14 12:12	12/02/14 15:43	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 15:43	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		11/14/14 12:12	12/02/14 15:43	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		11/14/14 12:12	12/02/14 15:43	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 15:43	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 15:43	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		11/14/14 12:12	12/02/14 15:43	1
2-Chlorophenol	ND		4.9	0.52	ug/L		11/14/14 12:12	12/02/14 15:43	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		11/14/14 12:12	12/02/14 15:43	1
2-Methylphenol	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 15:43	1
2-Nitroaniline	ND		9.8	0.41	ug/L		11/14/14 12:12	12/02/14 15:43	1
2-Nitrophenol	ND		4.9	0.47	ug/L		11/14/14 12:12	12/02/14 15:43	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 15:43	1
3-Nitroaniline	ND		9.8	0.47	ug/L		11/14/14 12:12	12/02/14 15:43	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		11/14/14 12:12	12/02/14 15:43	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 15:43	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 15:43	1
4-Chloroaniline	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 15:43	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		11/14/14 12:12	12/02/14 15:43	1
4-Methylphenol	ND		9.8	0.35	ug/L		11/14/14 12:12	12/02/14 15:43	1
4-Nitroaniline	ND		9.8	0.25	ug/L		11/14/14 12:12	12/02/14 15:43	1
4-Nitrophenol	ND		9.8	1.5	ug/L		11/14/14 12:12	12/02/14 15:43	1
Acenaphthene	ND		4.9	0.40	ug/L		11/14/14 12:12	12/02/14 15:43	1
Acenaphthylene	ND		4.9	0.37	ug/L		11/14/14 12:12	12/02/14 15:43	1
Acetophenone	ND		4.9	0.53	ug/L		11/14/14 12:12	12/02/14 15:43	1
Aniline	ND		9.8	0.60	ug/L		11/14/14 12:12	12/02/14 15:43	1
Anthracene	ND		4.9	0.27	ug/L		11/14/14 12:12	12/02/14 15:43	1
Atrazine	ND		4.9	0.45	ug/L		11/14/14 12:12	12/02/14 15:43	1
Benzaldehyde	**0.74**	**J B**	4.9	0.26	ug/L		11/14/14 12:12	12/02/14 15:43	1
Benzo(a)anthracene	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 15:43	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		11/14/14 12:12	12/02/14 15:43	1
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L		11/14/14 12:12	12/02/14 15:43	1
Benzo(g,h,i)perylene	ND		4.9	0.34	ug/L		11/14/14 12:12	12/02/14 15:43	1
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L		11/14/14 12:12	12/02/14 15:43	1
Biphenyl	ND		4.9	0.64	ug/L		11/14/14 12:12	12/02/14 15:43	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		11/14/14 12:12	12/02/14 15:43	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		11/14/14 12:12	12/02/14 15:43	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 15:43	1
Bis(2-ethylhexyl) phthalate	**22**	**B**	4.9	1.8	ug/L		11/14/14 12:12	12/02/14 15:43	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		11/14/14 12:12	12/02/14 15:43	1
Caprolactam	ND		4.9	2.2	ug/L		11/14/14 12:12	12/02/14 15:43	1
Carbazole	ND		4.9	0.29	ug/L		11/14/14 12:12	12/02/14 15:43	1
Chrysene	ND		4.9	0.32	ug/L		11/14/14 12:12	12/02/14 15:43	1

Client Sample ID: BCC Area B RFI-30_1114
Date Collected: 11/12/14 12:10
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-4
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		11/14/14 12:12	12/02/14 15:43	1
Dibenzofuran	ND		9.8	0.50	ug/L		11/14/14 12:12	12/02/14 15:43	1
Diethyl phthalate	ND		4.9	0.22	ug/L		11/14/14 12:12	12/02/14 15:43	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 15:43	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		11/14/14 12:12	12/02/14 15:43	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		11/14/14 12:12	12/02/14 15:43	1
Fluoranthene	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 15:43	1
Fluorene	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 15:43	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 15:43	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		11/14/14 12:12	12/02/14 15:43	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 15:43	1
Hexachloroethane	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 15:43	1
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L		11/14/14 12:12	12/02/14 15:43	1
Isophorone	ND		4.9	0.42	ug/L		11/14/14 12:12	12/02/14 15:43	1
Naphthalene	ND		4.9	0.74	ug/L		11/14/14 12:12	12/02/14 15:43	1
Nitrobenzene	ND		4.9	0.28	ug/L		11/14/14 12:12	12/02/14 15:43	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		11/14/14 12:12	12/02/14 15:43	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 15:43	1
Pentachlorophenol	ND		9.8	2.2	ug/L		11/14/14 12:12	12/02/14 15:43	1
Phenanthrene	ND		4.9	0.43	ug/L		11/14/14 12:12	12/02/14 15:43	1
Phenol	ND		4.9	0.38	ug/L		11/14/14 12:12	12/02/14 15:43	1
Pyrene	ND		4.9	0.33	ug/L		11/14/14 12:12	12/02/14 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*52 - 132*	*11/14/14 12:12*	*12/02/14 15:43*	*1*
2-Fluorobiphenyl	*74*		*48 - 120*	*11/14/14 12:12*	*12/02/14 15:43*	*1*
2-Fluorophenol	*69*		*20 - 120*	*11/14/14 12:12*	*12/02/14 15:43*	*1*
Nitrobenzene-d5	*64*		*46 - 120*	*11/14/14 12:12*	*12/02/14 15:43*	*1*
Phenol-d5	*44*		*16 - 120*	*11/14/14 12:12*	*12/02/14 15:43*	*1*
p-Terphenyl-d14	*76*		*67 - 150*	*11/14/14 12:12*	*12/02/14 15:43*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 14:35	11/18/14 01:55	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 14:35	11/18/14 01:55	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 14:35	11/18/14 01:55	1
Barium	**0.035**		0.0020	0.00070	mg/L		11/14/14 14:35	11/18/14 01:55	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 14:35	11/18/14 01:55	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 14:35	11/18/14 01:55	1
Calcium	**292**	**B**	0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:55	1
Chromium	**0.22**		0.0040	0.0010	mg/L		11/14/14 14:35	11/18/14 01:55	1
Cobalt	**0.0078**		0.0040	0.00063	mg/L		11/14/14 14:35	11/18/14 01:55	1
Copper	**0.017**		0.010	0.0016	mg/L		11/14/14 14:35	11/18/14 12:48	1
Iron	**2.4**		0.050	0.019	mg/L		11/14/14 14:35	11/18/14 01:55	1
Lead	ND		0.010	0.0030	mg/L		11/14/14 14:35	11/18/14 01:55	1
Magnesium	**102**		0.20	0.043	mg/L		11/14/14 14:35	11/18/14 01:55	1
Manganese	**0.83**		0.0030	0.00040	mg/L		11/14/14 14:35	11/18/14 01:55	1
Nickel	**0.20**		0.010	0.0013	mg/L		11/14/14 14:35	11/18/14 01:55	1
Potassium	**1.6**		0.50	0.10	mg/L		11/14/14 14:35	11/18/14 01:55	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 14:35	11/18/14 01:55	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-30_1114
Date Collected: 11/12/14 12:10
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-4
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 14:35	11/18/14 01:55	1
Sodium	**343**		1.0	0.32	mg/L		11/14/14 14:35	11/18/14 01:55	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 14:35	11/18/14 01:55	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 14:35	11/18/14 12:48	1
Zinc	**0.016**	**B**	0.010	0.0015	mg/L		11/21/14 08:40	11/24/14 13:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 08:15	11/14/14 13:31	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-30 D_1114
Date Collected: 11/12/14 12:25
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-5
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/23/14 15:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/23/14 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/23/14 15:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/23/14 15:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/23/14 15:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/23/14 15:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/23/14 15:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/23/14 15:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/23/14 15:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/23/14 15:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/23/14 15:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/23/14 15:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/23/14 15:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/23/14 15:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/23/14 15:59	1
2-Hexanone	ND		5.0	1.2	ug/L			11/23/14 15:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/23/14 15:59	1
Acetone	ND		10	3.0	ug/L			11/23/14 15:59	1
Benzene	ND		1.0	0.41	ug/L			11/23/14 15:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/23/14 15:59	1
Bromoform	ND		1.0	0.26	ug/L			11/23/14 15:59	1
Bromomethane	ND		1.0	0.69	ug/L			11/23/14 15:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/23/14 15:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/23/14 15:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/23/14 15:59	1
Chloroethane	ND		1.0	0.32	ug/L			11/23/14 15:59	1
Chloroform	ND		1.0	0.34	ug/L			11/23/14 15:59	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/23/14 15:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/14 15:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/23/14 15:59	1
Cyclohexane	ND		1.0	0.18	ug/L			11/23/14 15:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/23/14 15:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/23/14 15:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/23/14 15:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/23/14 15:59	1
Methyl acetate	ND		2.5	0.50	ug/L			11/23/14 15:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/23/14 15:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/23/14 15:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/23/14 15:59	1
Styrene	ND		1.0	0.73	ug/L			11/23/14 15:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/14 15:59	1
Toluene	ND		1.0	0.51	ug/L			11/23/14 15:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/14 15:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/23/14 15:59	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/14 15:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/23/14 15:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/23/14 15:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/23/14 15:59	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-30 D_1114
Date Collected: 11/12/14 12:25
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*11/23/14 15:59*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*11/23/14 15:59*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*11/23/14 15:59*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		11/14/14 12:12	12/02/14 16:09	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		11/14/14 12:12	12/02/14 16:09	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 16:09	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		11/14/14 12:12	12/02/14 16:09	1
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		11/14/14 12:12	12/02/14 16:09	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 16:09	1
2,6-Dinitrotoluene	ND		4.9	0.40	ug/L		11/14/14 12:12	12/02/14 16:09	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		11/14/14 12:12	12/02/14 16:09	1
2-Chlorophenol	ND		4.9	0.52	ug/L		11/14/14 12:12	12/02/14 16:09	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		11/14/14 12:12	12/02/14 16:09	1
2-Methylphenol	ND		4.9	0.40	ug/L		11/14/14 12:12	12/02/14 16:09	1
2-Nitroaniline	ND		9.9	0.42	ug/L		11/14/14 12:12	12/02/14 16:09	1
2-Nitrophenol	ND		4.9	0.47	ug/L		11/14/14 12:12	12/02/14 16:09	1
3,3'-Dichlorobenzidine	ND		4.9	0.40	ug/L		11/14/14 12:12	12/02/14 16:09	1
3-Nitroaniline	ND		9.9	0.47	ug/L		11/14/14 12:12	12/02/14 16:09	1
4,6-Dinitro-2-methylphenol	ND	*	9.9	2.2	ug/L		11/14/14 12:12	12/02/14 16:09	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 16:09	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		11/14/14 12:12	12/02/14 16:09	1
4-Chloroaniline	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 16:09	1
4-Chlorophenyl phenyl ether	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 16:09	1
4-Methylphenol	ND		9.9	0.36	ug/L		11/14/14 12:12	12/02/14 16:09	1
4-Nitroaniline	ND		9.9	0.25	ug/L		11/14/14 12:12	12/02/14 16:09	1
4-Nitrophenol	ND		9.9	1.5	ug/L		11/14/14 12:12	12/02/14 16:09	1
Acenaphthene	ND		4.9	0.41	ug/L		11/14/14 12:12	12/02/14 16:09	1
Acenaphthylene	ND		4.9	0.38	ug/L		11/14/14 12:12	12/02/14 16:09	1
Acetophenone	ND		4.9	0.53	ug/L		11/14/14 12:12	12/02/14 16:09	1
Aniline	ND		9.9	0.60	ug/L		11/14/14 12:12	12/02/14 16:09	1
Anthracene	ND		4.9	0.28	ug/L		11/14/14 12:12	12/02/14 16:09	1
Atrazine	ND		4.9	0.45	ug/L		11/14/14 12:12	12/02/14 16:09	1
Benzaldehyde	**0.75**	**J B**	4.9	0.26	ug/L		11/14/14 12:12	12/02/14 16:09	1
Benzo(a)anthracene	ND		4.9	0.36	ug/L		11/14/14 12:12	12/02/14 16:09	1
Benzo(a)pyrene	ND		4.9	0.46	ug/L		11/14/14 12:12	12/02/14 16:09	1
Benzo(b)fluoranthene	ND		4.9	0.34	ug/L		11/14/14 12:12	12/02/14 16:09	1
Benzo(g,h,i)perylene	ND	*	4.9	0.35	ug/L		11/14/14 12:12	12/02/14 16:09	1
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L		11/14/14 12:12	12/02/14 16:09	1
Biphenyl	ND		4.9	0.65	ug/L		11/14/14 12:12	12/02/14 16:09	1
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		11/14/14 12:12	12/02/14 16:09	1
Bis(2-chloroethoxy)methane	ND		4.9	0.35	ug/L		11/14/14 12:12	12/02/14 16:09	1
Bis(2-chloroethyl)ether	ND		4.9	0.40	ug/L		11/14/14 12:12	12/02/14 16:09	1
Bis(2-ethylhexyl) phthalate	**2.2**	**J B**	4.9	1.8	ug/L		11/14/14 12:12	12/02/14 16:09	1
Butyl benzyl phthalate	ND		4.9	0.42	ug/L		11/14/14 12:12	12/02/14 16:09	1
Caprolactam	ND		4.9	2.2	ug/L		11/14/14 12:12	12/02/14 16:09	1
Carbazole	ND	*	4.9	0.30	ug/L		11/14/14 12:12	12/02/14 16:09	1
Chrysene	ND		4.9	0.33	ug/L		11/14/14 12:12	12/02/14 16:09	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-30 D_1114
Date Collected: 11/12/14 12:25
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-5
Matrix: Ground Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9	0.42	ug/L		11/14/14 12:12	12/02/14 16:09	1
Dibenzofuran	ND		9.9	0.50	ug/L		11/14/14 12:12	12/02/14 16:09	1
Diethyl phthalate	ND		4.9	0.22	ug/L		11/14/14 12:12	12/02/14 16:09	1
Dimethyl phthalate	ND		4.9	0.36	ug/L		11/14/14 12:12	12/02/14 16:09	1
Di-n-butyl phthalate	ND		4.9	0.31	ug/L		11/14/14 12:12	12/02/14 16:09	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		11/14/14 12:12	12/02/14 16:09	1
Fluoranthene	ND		4.9	0.40	ug/L		11/14/14 12:12	12/02/14 16:09	1
Fluorene	ND		4.9	0.36	ug/L		11/14/14 12:12	12/02/14 16:09	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 16:09	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		11/14/14 12:12	12/02/14 16:09	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 16:09	1
Hexachloroethane	ND		4.9	0.58	ug/L		11/14/14 12:12	12/02/14 16:09	1
Indeno(1,2,3-cd)pyrene	ND	*	4.9	0.46	ug/L		11/14/14 12:12	12/02/14 16:09	1
Isophorone	ND		4.9	0.43	ug/L		11/14/14 12:12	12/02/14 16:09	1
Naphthalene	ND		4.9	0.75	ug/L		11/14/14 12:12	12/02/14 16:09	1
Nitrobenzene	ND		4.9	0.29	ug/L		11/14/14 12:12	12/02/14 16:09	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		11/14/14 12:12	12/02/14 16:09	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		11/14/14 12:12	12/02/14 16:09	1
Pentachlorophenol	ND		9.9	2.2	ug/L		11/14/14 12:12	12/02/14 16:09	1
Phenanthrene	ND		4.9	0.43	ug/L		11/14/14 12:12	12/02/14 16:09	1
Phenol	ND		4.9	0.39	ug/L		11/14/14 12:12	12/02/14 16:09	1
Pyrene	ND		4.9	0.34	ug/L		11/14/14 12:12	12/02/14 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*52 - 132*	*11/14/14 12:12*	*12/02/14 16:09*	*1*
2-Fluorobiphenyl	*62*		*48 - 120*	*11/14/14 12:12*	*12/02/14 16:09*	*1*
2-Fluorophenol	*68*		*20 - 120*	*11/14/14 12:12*	*12/02/14 16:09*	*1*
Nitrobenzene-d5	*56*		*46 - 120*	*11/14/14 12:12*	*12/02/14 16:09*	*1*
Phenol-d5	*44*		*16 - 120*	*11/14/14 12:12*	*12/02/14 16:09*	*1*
p-Terphenyl-d14	*70*		*67 - 150*	*11/14/14 12:12*	*12/02/14 16:09*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 14:35	11/18/14 02:18	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 14:35	11/18/14 02:18	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 14:35	11/18/14 02:18	1
Barium	**0.035**		0.0020	0.00070	mg/L		11/14/14 14:35	11/18/14 02:18	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 14:35	11/18/14 02:18	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 14:35	11/18/14 02:18	1
Calcium	**288**	**B**	0.50	0.10	mg/L		11/14/14 14:35	11/18/14 02:18	1
Chromium	**0.25**		0.0040	0.0010	mg/L		11/14/14 14:35	11/18/14 02:18	1
Cobalt	**0.0068**		0.0040	0.00063	mg/L		11/14/14 14:35	11/18/14 02:18	1
Copper	**0.017**		0.010	0.0016	mg/L		11/14/14 14:35	11/18/14 13:02	1
Iron	**2.5**		0.050	0.019	mg/L		11/14/14 14:35	11/18/14 02:18	1
Lead	ND		0.010	0.0030	mg/L		11/14/14 14:35	11/18/14 02:18	1
Magnesium	**101**		0.20	0.043	mg/L		11/14/14 14:35	11/18/14 02:18	1
Manganese	**0.80**		0.0030	0.00040	mg/L		11/14/14 14:35	11/18/14 02:18	1
Nickel	**0.18**		0.010	0.0013	mg/L		11/14/14 14:35	11/18/14 02:18	1
Potassium	**1.5**		0.50	0.10	mg/L		11/14/14 14:35	11/18/14 02:18	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 14:35	11/18/14 02:18	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-30 D_1114
Date Collected: 11/12/14 12:25
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-5
Matrix: Ground Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/14/14 14:35	11/18/14 02:18	1
Sodium	**345**		1.0	0.32	mg/L		11/14/14 14:35	11/18/14 02:18	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 14:35	11/18/14 02:18	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 14:35	11/18/14 13:02	1
Zinc	**0.018**	**B**	0.010	0.0015	mg/L		11/21/14 08:40	11/24/14 13:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 08:15	11/14/14 13:38	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: TRIP BLANK
Date Collected: 11/12/14 00:00
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/23/14 16:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/23/14 16:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/23/14 16:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/23/14 16:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/23/14 16:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/23/14 16:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/23/14 16:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/23/14 16:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/23/14 16:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/23/14 16:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/23/14 16:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/23/14 16:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/23/14 16:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/23/14 16:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/23/14 16:21	1
2-Hexanone	ND		5.0	1.2	ug/L			11/23/14 16:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/23/14 16:21	1
Acetone	ND		10	3.0	ug/L			11/23/14 16:21	1
Benzene	ND		1.0	0.41	ug/L			11/23/14 16:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/23/14 16:21	1
Bromoform	ND		1.0	0.26	ug/L			11/23/14 16:21	1
Bromomethane	ND		1.0	0.69	ug/L			11/23/14 16:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/23/14 16:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/23/14 16:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/23/14 16:21	1
Chloroethane	ND		1.0	0.32	ug/L			11/23/14 16:21	1
Chloroform	ND		1.0	0.34	ug/L			11/23/14 16:21	1
Chloromethane	ND	*	1.0	0.35	ug/L			11/23/14 16:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/14 16:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/23/14 16:21	1
Cyclohexane	ND		1.0	0.18	ug/L			11/23/14 16:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/23/14 16:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/23/14 16:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/23/14 16:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/23/14 16:21	1
Methyl acetate	ND		2.5	0.50	ug/L			11/23/14 16:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/23/14 16:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/23/14 16:21	1
Methylene Chloride	**0.56**	**J**	1.0	0.44	ug/L			11/23/14 16:21	1
Styrene	ND		1.0	0.73	ug/L			11/23/14 16:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/14 16:21	1
Toluene	ND		1.0	0.51	ug/L			11/23/14 16:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/14 16:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/23/14 16:21	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/14 16:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/23/14 16:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/23/14 16:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/23/14 16:21	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: TRIP BLANK
Date Collected: 11/12/14 00:00
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		11/23/14 16:21	1
4-Bromofluorobenzene (Surr)	107		73 - 120		11/23/14 16:21	1
Toluene-d8 (Surr)	109		71 - 126		11/23/14 16:21	1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-71258-1	BCC Area B RFI-18_1114	104	107	108
480-71258-2	BCC Area B RFI-27_1114	107	109	111
480-71258-2 - DL	BCC Area B RFI-27_1114	102	101	102
480-71258-3	BCC Area B RFI-28_1114	113	110	111
480-71258-4	BCC Area B RFI-30_1114	110	105	108
480-71258-4 MS	BCC Area B RFI-30 MS_1114	99	104	105
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	101	101	105
480-71258-5	BCC Area B RFI-30 D_1114	104	105	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-71258-6	TRIP BLANK	102	107	109
LCS 480-215535/7	Lab Control Sample	109	110	114
LCS 480-215634/5	Lab Control Sample	100	100	103
MB 480-215535/9	Method Blank	105	106	108
MB 480-215634/7	Method Blank	101	101	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-71258-1	BCC Area B RFI-18_1114	88	75	80	65	51	73
480-71258-2	BCC Area B RFI-27_1114	99	77	88	69	53	85
480-71258-3	BCC Area B RFI-28_1114	98	79	85	70	55	77
480-71258-4	BCC Area B RFI-30_1114	92	74	69	64	44	76
480-71258-4 MS	BCC Area B RFI-30 MS_1114	93	78	90	73	60	63 X
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	101	85	92	80	61	68
480-71258-5	BCC Area B RFI-30 D_1114	86	62	68	56	44	70

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5

PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)		
LCS 480-214152/2-A	Lab Control Sample	100	85	106	80	74	91		
MB 480-214152/1-A	Method Blank	89	83	99	79	64	98		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-215535/9
Matrix: Water
Analysis Batch: 215535

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			11/23/14 13:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/23/14 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/23/14 13:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/23/14 13:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/23/14 13:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/23/14 13:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/23/14 13:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/23/14 13:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/23/14 13:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/23/14 13:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/23/14 13:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/23/14 13:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/23/14 13:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/23/14 13:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/23/14 13:59	1
2-Hexanone	ND		5.0	1.2	ug/L			11/23/14 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/23/14 13:59	1
Acetone	ND		10	3.0	ug/L			11/23/14 13:59	1
Benzene	ND		1.0	0.41	ug/L			11/23/14 13:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/23/14 13:59	1
Bromoform	ND		1.0	0.26	ug/L			11/23/14 13:59	1
Bromomethane	ND		1.0	0.69	ug/L			11/23/14 13:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/23/14 13:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/23/14 13:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/23/14 13:59	1
Chloroethane	ND		1.0	0.32	ug/L			11/23/14 13:59	1
Chloroform	ND		1.0	0.34	ug/L			11/23/14 13:59	1
Chloromethane	ND		1.0	0.35	ug/L			11/23/14 13:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/14 13:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/23/14 13:59	1
Cyclohexane	ND		1.0	0.18	ug/L			11/23/14 13:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/23/14 13:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/23/14 13:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/23/14 13:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/23/14 13:59	1
Methyl acetate	ND		2.5	0.50	ug/L			11/23/14 13:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/23/14 13:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/23/14 13:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/23/14 13:59	1
Styrene	ND		1.0	0.73	ug/L			11/23/14 13:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/14 13:59	1
Toluene	ND		1.0	0.51	ug/L			11/23/14 13:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/14 13:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/23/14 13:59	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/14 13:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/23/14 13:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/23/14 13:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/23/14 13:59	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-215535/9
Matrix: Water
Analysis Batch: 215535

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		11/23/14 13:59	1
4-Bromofluorobenzene (Surr)	106		73 - 120		11/23/14 13:59	1
Toluene-d8 (Surr)	108		71 - 126		11/23/14 13:59	1

Lab Sample ID: LCS 480-215535/7
Matrix: Water
Analysis Batch: 215535

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	25.7		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		94	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.8		ug/L		107	52 - 148
1,1,2-Trichloroethane	25.0	26.4		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	26.3		ug/L		105	71 - 129
1,1-Dichloroethene	25.0	23.1		ug/L		92	58 - 121
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	18.2		ug/L		73	56 - 134
1,2-Dibromoethane	25.0	26.5		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	26.9		ug/L		108	76 - 120
1,3-Dichlorobenzene	25.0	25.4		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	75 - 120
2-Butanone (MEK)	125	122		ug/L		98	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	135		ug/L		108	56 - 142
Benzene	25.0	26.2		ug/L		105	71 - 124
Bromodichloromethane	25.0	23.4		ug/L		94	80 - 122
Bromoform	25.0	17.8		ug/L		71	52 - 132
Bromomethane	25.0	29.3		ug/L		117	55 - 144
Carbon disulfide	25.0	18.2		ug/L		73	59 - 134
Carbon tetrachloride	25.0	23.2		ug/L		93	72 - 134
Chlorobenzene	25.0	26.6		ug/L		106	72 - 120
Chloroethane	25.0	28.5		ug/L		114	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	38.3	*	ug/L		153	68 - 124
cis-1,2-Dichloroethene	25.0	26.3		ug/L		105	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	25.0	24.0		ug/L		96	59 - 135
Dibromochloromethane	25.0	21.8		ug/L		87	75 - 125
Dichlorodifluoromethane	25.0	25.0		ug/L		100	59 - 135
Ethylbenzene	25.0	25.9		ug/L		104	77 - 123
Isopropylbenzene	25.0	24.9		ug/L		100	77 - 122
Methyl acetate	125	140		ug/L		112	74 - 133
Methyl tert-butyl ether	25.0	24.8		ug/L		99	64 - 127
Methylcyclohexane	25.0	25.2		ug/L		101	61 - 138

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-215535/7
Matrix: Water
Analysis Batch: 215535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	26.1		ug/L		104	57 - 132
Styrene	25.0	26.4		ug/L		105	70 - 130
Tetrachloroethene	25.0	27.1		ug/L		108	74 - 122
Toluene	25.0	26.0		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	26.8		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	24.8		ug/L		99	72 - 123
Trichloroethene	25.0	25.8		ug/L		103	74 - 123
Trichlorofluoromethane	25.0	30.2		ug/L		121	62 - 152
Vinyl chloride	25.0	28.6		ug/L		114	65 - 133
Xylenes, Total	50.0	52.8		ug/L		106	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Toluene-d8 (Surr)	*114*		*71 - 126*

Lab Sample ID: 480-71258-4 MS
Matrix: Ground Water
Analysis Batch: 215535

Client Sample ID: BCC Area B RFI-30 MS_1114
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	29.1		ug/L		117	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	24.7		ug/L		99	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	31.8		ug/L		127	52 - 148
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	76 - 122
1,1-Dichloroethane	ND		25.0	29.8		ug/L		119	71 - 129
1,1-Dichloroethene	ND		25.0	27.9		ug/L		111	58 - 121
1,2,4-Trichlorobenzene	ND		25.0	27.2		ug/L		109	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	18.1		ug/L		72	56 - 134
1,2-Dibromoethane	ND		25.0	27.3		ug/L		109	77 - 120
1,2-Dichlorobenzene	ND		25.0	27.1		ug/L		109	80 - 124
1,2-Dichloroethane	ND		25.0	27.3		ug/L		109	75 - 127
1,2-Dichloropropane	ND		25.0	28.9		ug/L		115	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.6		ug/L		111	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.8		ug/L		107	75 - 120
2-Butanone (MEK)	ND		125	121		ug/L		97	57 - 140
2-Hexanone	ND		125	123		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	127		ug/L		101	71 - 125
Acetone	ND		125	126		ug/L		101	56 - 142
Benzene	ND		25.0	29.0		ug/L		116	71 - 124
Bromodichloromethane	ND		25.0	24.5		ug/L		98	80 - 122
Bromoform	ND		25.0	17.8		ug/L		71	52 - 132
Bromomethane	ND		25.0	32.6		ug/L		130	55 - 144
Carbon disulfide	ND		25.0	18.5		ug/L		74	59 - 134
Carbon tetrachloride	ND		25.0	26.2		ug/L		105	72 - 134
Chlorobenzene	ND		25.0	28.9		ug/L		116	72 - 120
Chloroethane	ND		25.0	29.6		ug/L		118	69 - 136

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-71258-4 MS
Matrix: Ground Water
Analysis Batch: 215535

Client Sample ID: BCC Area B RFI-30 MS_1114
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	27.7		ug/L		111	73 - 127
Chloromethane	ND	*	25.0	29.9		ug/L		120	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.0		ug/L		116	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	74 - 124
Cyclohexane	ND		25.0	29.3		ug/L		117	59 - 135
Dibromochloromethane	ND		25.0	22.4		ug/L		89	75 - 125
Dichlorodifluoromethane	ND		25.0	26.9		ug/L		108	59 - 135
Ethylbenzene	ND		25.0	28.2		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	27.5		ug/L		110	77 - 122
Methyl acetate	ND		125	141		ug/L		113	74 - 133
Methyl tert-butyl ether	ND		25.0	25.5		ug/L		102	64 - 127
Methylcyclohexane	ND		25.0	30.1		ug/L		121	61 - 138
Methylene Chloride	ND		25.0	27.9		ug/L		111	57 - 132
Styrene	ND		25.0	27.4		ug/L		110	70 - 130
Tetrachloroethene	ND		25.0	30.4		ug/L		122	74 - 122
Toluene	ND		25.0	28.4		ug/L		114	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.0		ug/L		120	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	72 - 123
Trichloroethene	ND		25.0	29.5		ug/L		118	74 - 123
Trichlorofluoromethane	ND		25.0	33.4		ug/L		134	62 - 152
Vinyl chloride	ND		25.0	29.9		ug/L		120	65 - 133
Xylenes, Total	ND		50.0	57.2		ug/L		114	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: 480-71258-4 MSD
Matrix: Ground Water
Analysis Batch: 215535

Client Sample ID: BCC Area B RFI-30 MSD_1114
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	28.6		ug/L		114	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		25.0	23.7		ug/L		95	70 - 126	4	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.7		ug/L		123	52 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	27.1		ug/L		109	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	28.3		ug/L		113	71 - 129	5	20
1,1-Dichloroethene	ND		25.0	26.7		ug/L		107	58 - 121	4	16
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	17.8		ug/L		71	56 - 134	2	15
1,2-Dibromoethane	ND		25.0	26.6		ug/L		106	77 - 120	3	15
1,2-Dichlorobenzene	ND		25.0	26.2		ug/L		105	80 - 124	4	20
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	75 - 127	4	20
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	76 - 120	4	20
1,3-Dichlorobenzene	ND		25.0	26.1		ug/L		105	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	25.9		ug/L		104	75 - 120	3	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-71258-4 MSD
Matrix: Ground Water
Analysis Batch: 215535

Client Sample ID: BCC Area B RFI-30 MSD_1114
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	118		ug/L		94	57 - 140	2	20
2-Hexanone	ND		125	122		ug/L		98	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		125	125		ug/L		100	71 - 125	2	35
Acetone	ND		125	121		ug/L		97	56 - 142	4	15
Benzene	ND		25.0	27.9		ug/L		112	71 - 124	4	13
Bromodichloromethane	ND		25.0	24.1		ug/L		97	80 - 122	1	15
Bromoform	ND		25.0	17.9		ug/L		72	52 - 132	0	15
Bromomethane	ND		25.0	31.3		ug/L		125	55 - 144	4	15
Carbon disulfide	ND		25.0	18.1		ug/L		72	59 - 134	2	15
Carbon tetrachloride	ND		25.0	25.7		ug/L		103	72 - 134	2	15
Chlorobenzene	ND		25.0	27.6		ug/L		110	72 - 120	5	25
Chloroethane	ND		25.0	28.5		ug/L		114	69 - 136	4	15
Chloroform	ND		25.0	26.9		ug/L		107	73 - 127	3	20
Chloromethane	ND	*	25.0	29.5		ug/L		118	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	28.2		ug/L		113	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	23.8		ug/L		95	74 - 124	1	15
Cyclohexane	ND		25.0	25.7		ug/L		103	59 - 135	13	20
Dibromochloromethane	ND		25.0	22.2		ug/L		89	75 - 125	1	15
Dichlorodifluoromethane	ND		25.0	25.6		ug/L		102	59 - 135	5	20
Ethylbenzene	ND		25.0	27.4		ug/L		109	77 - 123	3	15
Isopropylbenzene	ND		25.0	26.7		ug/L		107	77 - 122	3	20
Methyl acetate	ND		125	135		ug/L		108	74 - 133	4	20
Methyl tert-butyl ether	ND		25.0	25.2		ug/L		101	64 - 127	1	37
Methylcyclohexane	ND		25.0	28.6		ug/L		114	61 - 138	5	20
Methylene Chloride	ND		25.0	27.4		ug/L		109	57 - 132	2	15
Styrene	ND		25.0	26.8		ug/L		107	70 - 130	2	20
Tetrachloroethene	ND		25.0	29.6		ug/L		118	74 - 122	3	20
Toluene	ND		25.0	27.7		ug/L		111	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	28.9		ug/L		116	73 - 127	4	20
trans-1,3-Dichloropropene	ND		25.0	24.3		ug/L		97	72 - 123	1	15
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123	6	16
Trichlorofluoromethane	ND		25.0	32.3		ug/L		129	62 - 152	3	20
Vinyl chloride	ND		25.0	29.0		ug/L		116	65 - 133	3	15
Xylenes, Total	ND		50.0	55.5		ug/L		111	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 480-215634/7
Matrix: Water
Analysis Batch: 215634

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			11/24/14 12:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/24/14 12:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/24/14 12:03	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-215634/7
Matrix: Water
Analysis Batch: 215634

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/24/14 12:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/24/14 12:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/24/14 12:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/24/14 12:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/24/14 12:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/24/14 12:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/24/14 12:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/24/14 12:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/24/14 12:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/24/14 12:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/24/14 12:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/14 12:03	1
2-Hexanone	ND		5.0	1.2	ug/L			11/24/14 12:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/24/14 12:03	1
Acetone	ND		10	3.0	ug/L			11/24/14 12:03	1
Benzene	ND		1.0	0.41	ug/L			11/24/14 12:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/24/14 12:03	1
Bromoform	ND		1.0	0.26	ug/L			11/24/14 12:03	1
Bromomethane	ND		1.0	0.69	ug/L			11/24/14 12:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/24/14 12:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/24/14 12:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/24/14 12:03	1
Chloroethane	ND		1.0	0.32	ug/L			11/24/14 12:03	1
Chloroform	ND		1.0	0.34	ug/L			11/24/14 12:03	1
Chloromethane	ND		1.0	0.35	ug/L			11/24/14 12:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/24/14 12:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/24/14 12:03	1
Cyclohexane	ND		1.0	0.18	ug/L			11/24/14 12:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/24/14 12:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/24/14 12:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/24/14 12:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/24/14 12:03	1
Methyl acetate	ND		2.5	0.50	ug/L			11/24/14 12:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/24/14 12:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/24/14 12:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/24/14 12:03	1
Styrene	ND		1.0	0.73	ug/L			11/24/14 12:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/24/14 12:03	1
Toluene	ND		1.0	0.51	ug/L			11/24/14 12:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/24/14 12:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/24/14 12:03	1
Trichloroethene	ND		1.0	0.46	ug/L			11/24/14 12:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/24/14 12:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/24/14 12:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/24/14 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*11/24/14 12:03*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-215634/7
Matrix: Water
Analysis Batch: 215634

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		73 - 120		11/24/14 12:03	1
Toluene-d8 (Surr)	103		71 - 126		11/24/14 12:03	1

Lab Sample ID: LCS 480-215634/5
Matrix: Water
Analysis Batch: 215634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.4		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		89	70 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.1		ug/L		108	52 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	25.3		ug/L		101	71 - 129
1,1-Dichloroethene	25.0	24.2		ug/L		97	58 - 121
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		99	70 - 122
1,2-Dibromo-3-Chloropropane	25.0	16.8		ug/L		67	56 - 134
1,2-Dibromoethane	25.0	24.6		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 127
1,2-Dichloropropane	25.0	25.7		ug/L		103	76 - 120
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	75 - 120
2-Butanone (MEK)	125	114		ug/L		91	57 - 140
2-Hexanone	125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		93	71 - 125
Acetone	125	126		ug/L		101	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	21.8		ug/L		87	80 - 122
Bromoform	25.0	16.8		ug/L		67	52 - 132
Bromomethane	25.0	26.4		ug/L		105	55 - 144
Carbon disulfide	25.0	20.2		ug/L		81	59 - 134
Carbon tetrachloride	25.0	22.9		ug/L		92	72 - 134
Chlorobenzene	25.0	25.4		ug/L		102	72 - 120
Chloroethane	25.0	23.3		ug/L		93	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	31.7	*	ug/L		127	68 - 124
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	22.7		ug/L		91	74 - 124
Cyclohexane	25.0	23.1		ug/L		92	59 - 135
Dibromochloromethane	25.0	20.5		ug/L		82	75 - 125
Dichlorodifluoromethane	25.0	20.1		ug/L		81	59 - 135
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Isopropylbenzene	25.0	23.9		ug/L		96	77 - 122
Methyl acetate	125	134		ug/L		107	74 - 133
Methyl tert-butyl ether	25.0	23.5		ug/L		94	64 - 127
Methylcyclohexane	25.0	25.3		ug/L		101	61 - 138
Methylene Chloride	25.0	25.1		ug/L		101	57 - 132

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-215634/5
Matrix: Water
Analysis Batch: 215634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	25.0	24.9		ug/L		100	70 - 130
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	27.1		ug/L		109	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	72 - 123
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	26.1		ug/L		104	62 - 152
Vinyl chloride	25.0	23.8		ug/L		95	65 - 133
Xylenes, Total	50.0	49.9		ug/L		100	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*103*		*71 - 126*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-214152/1-A
Matrix: Water
Analysis Batch: 216669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 214152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/14/14 12:12	12/02/14 12:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/14/14 12:12	12/02/14 12:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 12:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/14/14 12:12	12/02/14 12:40	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/14/14 12:12	12/02/14 12:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 12:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 12:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/14/14 12:12	12/02/14 12:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/14/14 12:12	12/02/14 12:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/14/14 12:12	12/02/14 12:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 12:40	1
2-Nitroaniline	ND		10	0.42	ug/L		11/14/14 12:12	12/02/14 12:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/14/14 12:12	12/02/14 12:40	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 12:40	1
3-Nitroaniline	ND		10	0.48	ug/L		11/14/14 12:12	12/02/14 12:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/14/14 12:12	12/02/14 12:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 12:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/14/14 12:12	12/02/14 12:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 12:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/14/14 12:12	12/02/14 12:40	1
4-Methylphenol	ND		10	0.36	ug/L		11/14/14 12:12	12/02/14 12:40	1
4-Nitroaniline	ND		10	0.25	ug/L		11/14/14 12:12	12/02/14 12:40	1
4-Nitrophenol	ND		10	1.5	ug/L		11/14/14 12:12	12/02/14 12:40	1
Acenaphthene	ND		5.0	0.41	ug/L		11/14/14 12:12	12/02/14 12:40	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/14/14 12:12	12/02/14 12:40	1
Acetophenone	ND		5.0	0.54	ug/L		11/14/14 12:12	12/02/14 12:40	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-214152/1-A
Matrix: Water
Analysis Batch: 216669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 214152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.61	ug/L		11/14/14 12:12	12/02/14 12:40	1
Anthracene	ND		5.0	0.28	ug/L		11/14/14 12:12	12/02/14 12:40	1
Atrazine	ND		5.0	0.46	ug/L		11/14/14 12:12	12/02/14 12:40	1
Benzaldehyde	1.20	J	5.0	0.27	ug/L		11/14/14 12:12	12/02/14 12:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 12:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/14/14 12:12	12/02/14 12:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/14/14 12:12	12/02/14 12:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/14/14 12:12	12/02/14 12:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/14/14 12:12	12/02/14 12:40	1
Biphenyl	ND		5.0	0.65	ug/L		11/14/14 12:12	12/02/14 12:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/14/14 12:12	12/02/14 12:40	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/14/14 12:12	12/02/14 12:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 12:40	1
Bis(2-ethylhexyl) phthalate	2.22	J	5.0	1.8	ug/L		11/14/14 12:12	12/02/14 12:40	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/14/14 12:12	12/02/14 12:40	1
Caprolactam	ND		5.0	2.2	ug/L		11/14/14 12:12	12/02/14 12:40	1
Carbazole	ND		5.0	0.30	ug/L		11/14/14 12:12	12/02/14 12:40	1
Chrysene	ND		5.0	0.33	ug/L		11/14/14 12:12	12/02/14 12:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/14/14 12:12	12/02/14 12:40	1
Dibenzofuran	ND		10	0.51	ug/L		11/14/14 12:12	12/02/14 12:40	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/14/14 12:12	12/02/14 12:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 12:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/14/14 12:12	12/02/14 12:40	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/14/14 12:12	12/02/14 12:40	1
Fluoranthene	ND		5.0	0.40	ug/L		11/14/14 12:12	12/02/14 12:40	1
Fluorene	ND		5.0	0.36	ug/L		11/14/14 12:12	12/02/14 12:40	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 12:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/14/14 12:12	12/02/14 12:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 12:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/14/14 12:12	12/02/14 12:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/14/14 12:12	12/02/14 12:40	1
Isophorone	ND		5.0	0.43	ug/L		11/14/14 12:12	12/02/14 12:40	1
Naphthalene	ND		5.0	0.76	ug/L		11/14/14 12:12	12/02/14 12:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/14/14 12:12	12/02/14 12:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/14/14 12:12	12/02/14 12:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/14/14 12:12	12/02/14 12:40	1
Pentachlorophenol	ND		10	2.2	ug/L		11/14/14 12:12	12/02/14 12:40	1
Phenanthrene	ND		5.0	0.44	ug/L		11/14/14 12:12	12/02/14 12:40	1
Phenol	ND		5.0	0.39	ug/L		11/14/14 12:12	12/02/14 12:40	1
Pyrene	ND		5.0	0.34	ug/L		11/14/14 12:12	12/02/14 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 132*	*11/14/14 12:12*	*12/02/14 12:40*	*1*
2-Fluorobiphenyl	*83*		*48 - 120*	*11/14/14 12:12*	*12/02/14 12:40*	*1*
2-Fluorophenol	*99*		*20 - 120*	*11/14/14 12:12*	*12/02/14 12:40*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*11/14/14 12:12*	*12/02/14 12:40*	*1*
Phenol-d5	*64*		*16 - 120*	*11/14/14 12:12*	*12/02/14 12:40*	*1*
p-Terphenyl-d14	*98*		*67 - 150*	*11/14/14 12:12*	*12/02/14 12:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-214152/2-A
Matrix: Water
Analysis Batch: 216669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 214152

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	16.0	15.6		ug/L		98	65 - 126
2,4,6-Trichlorophenol	16.0	13.9		ug/L		87	64 - 120
2,4-Dichlorophenol	16.0	14.1		ug/L		88	64 - 120
2,4-Dimethylphenol	16.0	13.7		ug/L		85	57 - 120
2,4-Dinitrophenol	32.0	13.5		ug/L		42	42 - 153
2,4-Dinitrotoluene	16.0	14.8		ug/L		92	65 - 154
2,6-Dinitrotoluene	16.0	14.5		ug/L		91	74 - 134
2-Chloronaphthalene	16.0	14.3		ug/L		89	41 - 124
2-Chlorophenol	16.0	15.9		ug/L		99	48 - 120
2-Methylnaphthalene	16.0	13.6		ug/L		85	34 - 122
2-Methylphenol	16.0	14.4		ug/L		90	39 - 120
2-Nitroaniline	16.0	13.8		ug/L		86	67 - 136
2-Nitrophenol	16.0	13.6		ug/L		85	59 - 120
3,3'-Dichlorobenzidine	32.0	35.2		ug/L		110	33 - 140
3-Nitroaniline	16.0	12.8		ug/L		80	28 - 86
4,6-Dinitro-2-methylphenol	32.0	16.9	*	ug/L		53	64 - 159
4-Bromophenyl phenyl ether	16.0	15.3		ug/L		96	71 - 126
4-Chloro-3-methylphenol	16.0	14.6		ug/L		91	64 - 120
4-Chloroaniline	16.0	7.56		ug/L		47	10 - 77
4-Chlorophenyl phenyl ether	16.0	14.7		ug/L		92	71 - 122
4-Methylphenol	16.0	14.6		ug/L		91	39 - 120
4-Nitroaniline	16.0	15.4		ug/L		96	47 - 113
4-Nitrophenol	32.0	21.4		ug/L		67	16 - 120
Acenaphthene	16.0	14.4		ug/L		90	60 - 120
Acenaphthylene	16.0	14.5		ug/L		91	63 - 120
Acetophenone	16.0	14.5		ug/L		90	45 - 120
Aniline	16.0	12.2		ug/L		76	37 - 120
Anthracene	16.0	15.0		ug/L		94	58 - 148
Atrazine	32.0	34.6		ug/L		108	56 - 179
Benzaldehyde	32.0	41.6		ug/L		130	30 - 140
Benzo(a)anthracene	16.0	15.3		ug/L		96	55 - 151
Benzo(a)pyrene	16.0	15.0		ug/L		93	60 - 145
Benzo(b)fluoranthene	16.0	18.2		ug/L		114	54 - 140
Benzo(g,h,i)perylene	16.0	9.53	*	ug/L		60	66 - 152
Benzo(k)fluoranthene	16.0	16.1		ug/L		100	51 - 153
Biphenyl	16.0	14.3		ug/L		89	30 - 140
bis (2-chloroisopropyl) ether	16.0	12.0		ug/L		75	28 - 136
Bis(2-chloroethoxy)methane	16.0	13.2		ug/L		83	50 - 128
Bis(2-chloroethyl)ether	16.0	13.8		ug/L		86	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	17.5		ug/L		110	53 - 158
Butyl benzyl phthalate	16.0	15.5		ug/L		97	58 - 163
Caprolactam	32.0	12.7		ug/L		40	14 - 56
Carbazole	16.0	26.6	*	ug/L		166	59 - 148
Chrysene	16.0	14.6		ug/L		91	69 - 140
Dibenz(a,h)anthracene	16.0	9.36		ug/L		58	57 - 148
Dibenzofuran	16.0	14.7		ug/L		92	49 - 137
Diethyl phthalate	16.0	15.0		ug/L		94	59 - 146
Dimethyl phthalate	16.0	15.1		ug/L		94	59 - 141

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-214152/2-A
Matrix: Water
Analysis Batch: 216669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 214152

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	16.0	15.6		ug/L		98	58 - 149
Di-n-octyl phthalate	16.0	16.2		ug/L		101	55 - 167
Fluoranthene	16.0	15.1		ug/L		95	55 - 147
Fluorene	16.0	14.8		ug/L		92	55 - 143
Hexachlorobenzene	16.0	15.2		ug/L		95	14 - 108
Hexachlorobutadiene	16.0	12.6		ug/L		79	14 - 108
Hexachlorocyclopentadiene	16.0	9.50		ug/L		59	13 - 119
Hexachloroethane	16.0	11.9		ug/L		75	14 - 101
Indeno(1,2,3-cd)pyrene	16.0	8.09	*	ug/L		51	69 - 146
Isophorone	16.0	12.9		ug/L		81	48 - 133
Naphthalene	16.0	13.3		ug/L		83	35 - 117
Nitrobenzene	16.0	13.1		ug/L		82	45 - 123
N-Nitrosodi-n-propylamine	16.0	13.5		ug/L		84	56 - 120
N-Nitrosodiphenylamine	32.0	29.6		ug/L		93	25 - 125
Pentachlorophenol	32.0	24.4		ug/L		76	39 - 136
Phenanthrene	16.0	14.9		ug/L		93	57 - 147
Phenol	16.0	13.5		ug/L		84	17 - 120
Pyrene	16.0	14.8		ug/L		93	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 132*
2-Fluorobiphenyl	*85*		*48 - 120*
2-Fluorophenol	*106*		*20 - 120*
Nitrobenzene-d5	*80*		*46 - 120*
Phenol-d5	*74*		*16 - 120*
p-Terphenyl-d14	*91*		*67 - 150*

Lab Sample ID: 480-71258-4 MS
Matrix: Ground Water
Analysis Batch: 216669

Client Sample ID: BCC Area B RFI-30 MS_1114
Prep Type: Total/NA
Prep Batch: 214152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		15.9	14.5		ug/L		91	65 - 126
2,4,6-Trichlorophenol	ND		15.9	12.3		ug/L		77	64 - 120
2,4-Dichlorophenol	ND		15.9	12.4		ug/L		78	64 - 120
2,4-Dimethylphenol	ND		15.9	12.2		ug/L		77	57 - 120
2,4-Dinitrophenol	ND		31.9	14.7		ug/L		46	42 - 153
2,4-Dinitrotoluene	ND		15.9	13.8		ug/L		87	62 - 148
2,6-Dinitrotoluene	ND		15.9	12.9		ug/L		81	65 - 154
2-Chloronaphthalene	ND		15.9	12.6		ug/L		79	41 - 124
2-Chlorophenol	ND		15.9	13.1		ug/L		82	48 - 120
2-Methylnaphthalene	ND		15.9	12.0		ug/L		75	34 - 122
2-Methylphenol	ND		15.9	11.8		ug/L		74	39 - 120
2-Nitroaniline	ND		15.9	12.5		ug/L		78	67 - 136
2-Nitrophenol	ND		15.9	12.2		ug/L		76	59 - 120
3,3'-Dichlorobenzidine	ND		31.9	25.4		ug/L		80	33 - 140
3-Nitroaniline	ND		15.9	10.4	F1	ug/L		65	69 - 129
4,6-Dinitro-2-methylphenol	ND		31.9	17.3	F1	ug/L		54	64 - 159

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-71258-4 MS
Matrix: Ground Water
Analysis Batch: 216669

Client Sample ID: BCC Area B RFI-30 MS_1114
Prep Type: Total/NA
Prep Batch: 214152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Bromophenyl phenyl ether	ND		15.9	13.7		ug/L		86	71 - 126
4-Chloro-3-methylphenol	ND		15.9	12.7		ug/L		80	64 - 120
4-Chloroaniline	ND		15.9	4.31	J F1	ug/L		27	60 - 124
4-Chlorophenyl phenyl ether	ND		15.9	13.1		ug/L		82	48 - 145
4-Methylphenol	ND		15.9	11.6		ug/L		72	36 - 120
4-Nitroaniline	ND		15.9	4.97	J F1	ug/L		31	64 - 135
4-Nitrophenol	ND		31.9	22.2		ug/L		70	16 - 120
Acenaphthene	ND		15.9	12.8		ug/L		80	60 - 120
Acenaphthylene	ND		15.9	13.0		ug/L		82	63 - 120
Acetophenone	ND		15.9	11.8		ug/L		74	45 - 120
Aniline	ND		15.9	6.31	J	ug/L		40	37 - 120
Anthracene	ND		15.9	12.8		ug/L		80	58 - 148
Atrazine	ND		31.9	29.3		ug/L		92	56 - 179
Benzaldehyde	0.74	J B	31.9	32.3		ug/L		99	30 - 140
Benzo(a)anthracene	ND		15.9	11.1		ug/L		70	55 - 151
Benzo(a)pyrene	ND		15.9	9.29	F1	ug/L		58	60 - 145
Benzo(b)fluoranthene	ND		15.9	11.9		ug/L		75	54 - 140
Benzo(g,h,i)perylene	ND		15.9	5.69	F1	ug/L		36	66 - 152
Benzo(k)fluoranthene	ND		15.9	10.4		ug/L		65	51 - 153
Biphenyl	ND		15.9	12.7		ug/L		79	30 - 140
bis (2-chloroisopropyl) ether	ND		15.9	10.1		ug/L		63	28 - 136
Bis(2-chloroethoxy)methane	ND		15.9	11.8		ug/L		74	50 - 128
Bis(2-chloroethyl)ether	ND		15.9	11.5		ug/L		72	51 - 120
Bis(2-ethylhexyl) phthalate	22	B	15.9	11.6	F1	ug/L		-62	53 - 158
Butyl benzyl phthalate	ND		15.9	12.9		ug/L		81	58 - 163
Caprolactam	ND		31.9	5.79	F1	ug/L		18	30 - 140
Carbazole	ND		15.9	18.4		ug/L		115	59 - 148
Chrysene	ND		15.9	10.1	F1	ug/L		63	69 - 140
Dibenz(a,h)anthracene	ND		15.9	5.30	F1	ug/L		33	57 - 158
Dibenzofuran	ND		15.9	13.2		ug/L		83	49 - 137
Diethyl phthalate	ND		15.9	13.6		ug/L		85	59 - 146
Dimethyl phthalate	ND		15.9	13.6		ug/L		85	59 - 141
Di-n-butyl phthalate	ND		15.9	13.6		ug/L		85	58 - 149
Di-n-octyl phthalate	ND		15.9	10.1		ug/L		63	55 - 167
Fluoranthene	ND		15.9	13.2		ug/L		83	55 - 147
Fluorene	ND		15.9	13.2		ug/L		83	55 - 143
Hexachlorobenzene	ND		15.9	13.4		ug/L		84	38 - 131
Hexachlorobutadiene	ND		15.9	11.3		ug/L		71	14 - 108
Hexachlorocyclopentadiene	ND		15.9	8.64		ug/L		54	13 - 119
Hexachloroethane	ND		15.9	10.6		ug/L		66	14 - 101
Indeno(1,2,3-cd)pyrene	ND		15.9	4.59	J F1	ug/L		29	69 - 146
Isophorone	ND		15.9	11.5		ug/L		72	48 - 133
Naphthalene	ND		15.9	11.9		ug/L		75	35 - 117
Nitrobenzene	ND		15.9	11.6		ug/L		73	45 - 123
N-Nitrosodi-n-propylamine	ND		15.9	11.2		ug/L		70	56 - 120
N-Nitrosodiphenylamine	ND		31.9	26.8		ug/L		84	25 - 125
Pentachlorophenol	ND		31.9	24.5		ug/L		77	39 - 136
Phenanthrene	ND		15.9	13.5		ug/L		85	57 - 147

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-71258-4 MS
Matrix: Ground Water
Analysis Batch: 216669

Client Sample ID: BCC Area B RFI-30 MS_1114
Prep Type: Total/NA
Prep Batch: 214152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phenol	ND		15.9	10.3		ug/L		65	17 - 120		
Pyrene	ND		15.9	12.9		ug/L		81	58 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*93*		*52 - 132*
2-Fluorobiphenyl	*78*		*48 - 120*
2-Fluorophenol	*90*		*20 - 120*
Nitrobenzene-d5	*73*		*46 - 120*
Phenol-d5	*60*		*16 - 120*
p-Terphenyl-d14	*63*	*X*	*67 - 150*

Lab Sample ID: 480-71258-4 MSD
Matrix: Ground Water
Analysis Batch: 216669

Client Sample ID: BCC Area B RFI-30 MSD_1114
Prep Type: Total/NA
Prep Batch: 214152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		16.3	13.8		ug/L		85	65 - 126	5	18
2,4,6-Trichlorophenol	ND		16.3	13.7		ug/L		84	64 - 120	11	19
2,4-Dichlorophenol	ND		16.3	14.4		ug/L		89	64 - 120	15	19
2,4-Dimethylphenol	ND		16.3	13.6		ug/L		84	57 - 120	11	42
2,4-Dinitrophenol	ND		32.5	16.8		ug/L		52	42 - 153	13	22
2,4-Dinitrotoluene	ND		16.3	15.1		ug/L		93	62 - 148	9	20
2,6-Dinitrotoluene	ND		16.3	14.5		ug/L		89	65 - 154	12	15
2-Chloronaphthalene	ND		16.3	14.3		ug/L		88	41 - 124	12	21
2-Chlorophenol	ND		16.3	14.4		ug/L		89	48 - 120	9	25
2-Methylnaphthalene	ND		16.3	13.5		ug/L		83	34 - 122	12	21
2-Methylphenol	ND		16.3	12.6		ug/L		78	39 - 120	7	27
2-Nitroaniline	ND		16.3	13.8		ug/L		85	67 - 136	10	15
2-Nitrophenol	ND		16.3	13.7		ug/L		84	59 - 120	12	18
3,3'-Dichlorobenzidine	ND		32.5	29.0		ug/L		89	33 - 140	13	25
3-Nitroaniline	ND		16.3	12.1		ug/L		74	69 - 129	15	19
4,6-Dinitro-2-methylphenol	ND		32.5	19.6	F1	ug/L		60	64 - 159	12	15
4-Bromophenyl phenyl ether	ND		16.3	15.1		ug/L		93	71 - 126	10	15
4-Chloro-3-methylphenol	ND		16.3	14.0		ug/L		86	64 - 120	10	27
4-Chloroaniline	ND		16.3	1.57	J F1 F2	ug/L		10	60 - 124	93	22
4-Chlorophenyl phenyl ether	ND		16.3	14.8		ug/L		91	48 - 145	12	16
4-Methylphenol	ND		16.3	12.3		ug/L		76	36 - 120	7	24
4-Nitroaniline	ND		16.3	7.07	J F1 F2	ug/L		44	64 - 135	35	24
4-Nitrophenol	ND		32.5	24.2		ug/L		74	16 - 120	8	48
Acenaphthene	ND		16.3	14.3		ug/L		88	60 - 120	11	24
Acenaphthylene	ND		16.3	14.4		ug/L		89	63 - 120	10	18
Acetophenone	ND		16.3	12.7		ug/L		78	45 - 120	7	20
Aniline	ND		16.3	7.16	J	ug/L		44	37 - 120	13	30
Anthracene	ND		16.3	14.0		ug/L		86	58 - 148	9	15
Atrazine	ND		32.5	33.9		ug/L		104	56 - 179	15	20
Benzaldehyde	0.74	J B	32.5	37.2		ug/L		112	30 - 140	14	20
Benzo(a)anthracene	ND		16.3	12.3		ug/L		76	55 - 151	10	15
Benzo(a)pyrene	ND		16.3	10.3		ug/L		63	60 - 145	10	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-71258-4 MSD
Matrix: Ground Water
Analysis Batch: 216669

Client Sample ID: BCC Area B RFI-30 MSD_1114
Prep Type: Total/NA
Prep Batch: 214152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo(b)fluoranthene	ND		16.3	13.1		ug/L		81	54 - 140	10	15
Benzo(g,h,i)perylene	ND		16.3	6.28	F1	ug/L		39	66 - 152	10	15
Benzo(k)fluoranthene	ND		16.3	11.4		ug/L		70	51 - 153	9	22
Biphenyl	ND		16.3	14.2		ug/L		87	30 - 140	12	20
bis (2-chloroisopropyl) ether	ND		16.3	10.9		ug/L		67	28 - 136	7	24
Bis(2-chloroethoxy)methane	ND		16.3	13.1		ug/L		81	50 - 128	11	17
Bis(2-chloroethyl)ether	ND		16.3	12.7		ug/L		78	51 - 120	10	21
Bis(2-ethylhexyl) phthalate	22	B	16.3	12.7	F1	ug/L		-55	53 - 158	9	15
Butyl benzyl phthalate	ND		16.3	14.4		ug/L		89	58 - 163	11	16
Caprolactam	ND		32.5	6.86	F1	ug/L		21	30 - 140	17	20
Carbazole	ND		16.3	21.1		ug/L		130	59 - 148	13	20
Chrysene	ND		16.3	11.4		ug/L		70	69 - 140	12	15
Dibenz(a,h)anthracene	ND		16.3	6.03	F1	ug/L		37	57 - 158	13	15
Dibenzofuran	ND		16.3	14.6		ug/L		90	49 - 137	10	15
Diethyl phthalate	ND		16.3	15.3		ug/L		94	59 - 146	11	15
Dimethyl phthalate	ND		16.3	15.2		ug/L		93	59 - 141	11	15
Di-n-butyl phthalate	ND		16.3	15.0		ug/L		92	58 - 149	10	15
Di-n-octyl phthalate	ND		16.3	11.1		ug/L		68	55 - 167	10	16
Fluoranthene	ND		16.3	14.6		ug/L		90	55 - 147	10	15
Fluorene	ND		16.3	14.8		ug/L		91	55 - 143	12	15
Hexachlorobenzene	ND		16.3	15.0		ug/L		92	38 - 131	11	15
Hexachlorobutadiene	ND		16.3	12.7		ug/L		78	14 - 108	12	44
Hexachlorocyclopentadiene	ND		16.3	10.2		ug/L		63	13 - 119	17	49
Hexachloroethane	ND		16.3	12.0		ug/L		74	14 - 101	13	46
Indeno(1,2,3-cd)pyrene	ND		16.3	5.22	F1	ug/L		32	69 - 146	13	15
Isophorone	ND		16.3	12.7		ug/L		78	48 - 133	10	17
Naphthalene	ND		16.3	13.4		ug/L		82	35 - 117	11	29
Nitrobenzene	ND		16.3	13.0		ug/L		80	45 - 123	11	24
N-Nitrosodi-n-propylamine	ND		16.3	12.0		ug/L		74	56 - 120	7	31
N-Nitrosodiphenylamine	ND		32.5	29.3		ug/L		90	25 - 125	9	15
Pentachlorophenol	ND		32.5	26.9		ug/L		83	39 - 136	9	37
Phenanthrene	ND		16.3	14.8		ug/L		91	57 - 147	9	15
Phenol	ND		16.3	10.9		ug/L		67	17 - 120	5	34
Pyrene	ND		16.3	14.3		ug/L		88	58 - 136	10	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*101*		*52 - 132*
2-Fluorobiphenyl	*85*		*48 - 120*
2-Fluorophenol	*92*		*20 - 120*
Nitrobenzene-d5	*80*		*46 - 120*
Phenol-d5	*61*		*16 - 120*
p-Terphenyl-d14	*68*		*67 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-213933/1-A
Matrix: Water
Analysis Batch: 214649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 213933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/14/14 14:35	11/18/14 00:47	1
Antimony	ND		0.020	0.0068	mg/L		11/14/14 14:35	11/18/14 00:47	1
Arsenic	ND		0.015	0.0056	mg/L		11/14/14 14:35	11/18/14 00:47	1
Barium	ND		0.0020	0.00070	mg/L		11/14/14 14:35	11/18/14 00:47	1
Beryllium	ND		0.0020	0.00030	mg/L		11/14/14 14:35	11/18/14 00:47	1
Cadmium	ND		0.0020	0.00050	mg/L		11/14/14 14:35	11/18/14 00:47	1
Calcium	0.306	J	0.50	0.10	mg/L		11/14/14 14:35	11/18/14 00:47	1
Chromium	ND		0.0040	0.0010	mg/L		11/14/14 14:35	11/18/14 00:47	1
Cobalt	ND		0.0040	0.00063	mg/L		11/14/14 14:35	11/18/14 00:47	1
Iron	ND		0.050	0.019	mg/L		11/14/14 14:35	11/18/14 00:47	1
Lead	ND		0.010	0.0030	mg/L		11/14/14 14:35	11/18/14 00:47	1
Nickel	ND		0.010	0.0013	mg/L		11/14/14 14:35	11/18/14 00:47	1
Potassium	ND		0.50	0.10	mg/L		11/14/14 14:35	11/18/14 00:47	1
Selenium	ND		0.025	0.0087	mg/L		11/14/14 14:35	11/18/14 00:47	1
Silver	ND		0.0060	0.0017	mg/L		11/14/14 14:35	11/18/14 00:47	1
Sodium	ND		1.0	0.32	mg/L		11/14/14 14:35	11/18/14 00:47	1
Thallium	ND		0.020	0.010	mg/L		11/14/14 14:35	11/18/14 00:47	1
Zinc	0.0226		0.010	0.0015	mg/L		11/14/14 14:35	11/18/14 00:47	1

Lab Sample ID: MB 480-213933/1-A
Matrix: Water
Analysis Batch: 214894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 213933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010	0.0016	mg/L		11/14/14 14:35	11/18/14 12:20	1
Magnesium	ND		0.20	0.043	mg/L		11/14/14 14:35	11/18/14 12:20	1
Manganese	ND		0.0030	0.00040	mg/L		11/14/14 14:35	11/18/14 12:20	1
Vanadium	ND		0.0050	0.0015	mg/L		11/14/14 14:35	11/18/14 12:20	1

Lab Sample ID: LCS 480-213933/2-A
Matrix: Water
Analysis Batch: 214649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 213933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.84		mg/L		108	80 - 120
Antimony	0.200	0.208		mg/L		104	80 - 120
Arsenic	0.200	0.191		mg/L		96	80 - 120
Barium	0.200	0.219		mg/L		109	80 - 120
Beryllium	0.200	0.197		mg/L		98	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Calcium	10.0	10.13		mg/L		101	80 - 120
Chromium	0.200	0.213		mg/L		107	80 - 120
Cobalt	0.200	0.204		mg/L		102	80 - 120
Iron	10.0	10.67		mg/L		107	80 - 120
Lead	0.200	0.197		mg/L		99	80 - 120
Nickel	0.200	0.213		mg/L		106	80 - 120
Potassium	10.0	10.25		mg/L		102	80 - 120
Selenium	0.200	0.212		mg/L		106	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-213933/2-A
Matrix: Water
Analysis Batch: 214649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 213933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.0500	0.0518		mg/L		104	80 - 120
Sodium	10.0	9.87		mg/L		99	80 - 120
Thallium	0.200	0.213		mg/L		107	80 - 120
Zinc	0.200	0.214		mg/L		107	80 - 120

Lab Sample ID: LCS 480-213933/2-A
Matrix: Water
Analysis Batch: 214894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 213933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.200	0.224		mg/L		112	80 - 120
Magnesium	10.0	10.01		mg/L		100	80 - 120
Manganese	0.200	0.207		mg/L		103	80 - 120
Vanadium	0.200	0.222		mg/L		111	80 - 120

Lab Sample ID: 480-71258-4 MS
Matrix: Ground Water
Analysis Batch: 214649

Client Sample ID: BCC Area B RFI-30 MS_1114
Prep Type: Total/NA
Prep Batch: 213933

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	11.05		mg/L		111	75 - 125
Antimony	ND		0.200	0.222		mg/L		111	75 - 125
Arsenic	ND		0.200	0.210		mg/L		105	75 - 125
Barium	0.035		0.200	0.244		mg/L		105	75 - 125
Beryllium	ND		0.200	0.199		mg/L		100	75 - 125
Cadmium	ND		0.200	0.215		mg/L		108	75 - 125
Calcium	292	B	10.0	292.0	4	mg/L		-4	75 - 125
Chromium	0.22		0.200	0.393		mg/L		88	75 - 125
Cobalt	0.0078		0.200	0.221		mg/L		107	75 - 125
Iron	2.4		10.0	12.49		mg/L		101	75 - 125
Lead	ND		0.200	0.209		mg/L		104	75 - 125
Magnesium	102		10.0	108.2	4	mg/L		64	75 - 125
Manganese	0.83		0.200	0.968	4	mg/L		71	75 - 125
Nickel	0.20		0.200	0.394		mg/L		98	75 - 125
Potassium	1.6		10.0	12.19		mg/L		106	75 - 125
Selenium	ND		0.200	0.227		mg/L		114	75 - 125
Silver	ND		0.0500	0.0554		mg/L		111	75 - 125
Sodium	343		10.0	344.1	4	mg/L		11	75 - 125
Thallium	ND		0.200	0.210		mg/L		105	75 - 125

Lab Sample ID: 480-71258-4 MS
Matrix: Ground Water
Analysis Batch: 214894

Client Sample ID: BCC Area B RFI-30 MS_1114
Prep Type: Total/NA
Prep Batch: 213933

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.017		0.200	0.242		mg/L		113	75 - 125
Vanadium	ND		0.200	0.222		mg/L		111	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-71258-4 MSD — **Client Sample ID: BCC Area B RFI-30 MSD_1114**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 214649 — **Prep Batch: 213933**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.98		mg/L		110	75 - 125	1	20
Antimony	ND		0.200	0.223		mg/L		112	75 - 125	1	20
Arsenic	ND		0.200	0.213		mg/L		107	75 - 125	1	20
Barium	0.035		0.200	0.244		mg/L		104	75 - 125	0	20
Beryllium	ND		0.200	0.198		mg/L		99	75 - 125	1	20
Cadmium	ND		0.200	0.216		mg/L		108	75 - 125	0	20
Calcium	292	B	10.0	293.5	4	mg/L		11	75 - 125	1	20
Chromium	0.22		0.200	0.496	F1 F2	mg/L		140	75 - 125	23	20
Cobalt	0.0078		0.200	0.223		mg/L		108	75 - 125	1	20
Iron	2.4		10.0	13.09		mg/L		107	75 - 125	5	20
Lead	ND		0.200	0.209		mg/L		105	75 - 125	0	20
Magnesium	102		10.0	110.6	4	mg/L		88	75 - 125	2	20
Manganese	0.83		0.200	1.02	4	mg/L		95	75 - 125	5	20
Nickel	0.20		0.200	0.412		mg/L		107	75 - 125	4	20
Potassium	1.6		10.0	12.19		mg/L		106	75 - 125	0	20
Selenium	ND		0.200	0.229		mg/L		115	75 - 125	1	20
Silver	ND		0.0500	0.0558		mg/L		112	75 - 125	1	20
Sodium	343		10.0	350.7	4	mg/L		76	75 - 125	2	20
Thallium	ND		0.200	0.210		mg/L		105	75 - 125	0	20

Lab Sample ID: 480-71258-4 MSD — **Client Sample ID: BCC Area B RFI-30 MSD_1114**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 214894 — **Prep Batch: 213933**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	0.017		0.200	0.246		mg/L		115	75 - 125	2	20
Vanadium	ND		0.200	0.222		mg/L		111	75 - 125	0	20

Lab Sample ID: MB 480-215185/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 215589 — **Prep Batch: 215185**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.00398	J ^	0.010	0.0015	mg/L		11/21/14 08:40	11/22/14 15:27	1

Lab Sample ID: LCS 480-215185/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 215589 — **Prep Batch: 215185**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.235	^	mg/L		117	80 - 120

Lab Sample ID: 480-71258-4 MS — **Client Sample ID: BCC Area B RFI-30 MS_1114**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 215841 — **Prep Batch: 215185**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.016	B	0.200	0.227		mg/L		106	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-71258-4 MSD — **Client Sample ID: BCC Area B RFI-30 MSD_1114**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 215841 — **Prep Batch: 215185**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	0.016	B	0.200	0.224		mg/L		104	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-213925/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 214166 — **Prep Batch: 213925**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/14/14 08:15	11/14/14 13:06	1

Lab Sample ID: LCS 480-213925/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 214166 — **Prep Batch: 213925**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00698		mg/L		105	80 - 120

Lab Sample ID: 480-71258-4 MS — **Client Sample ID: BCC Area B RFI-30 MS_1114**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 214166 — **Prep Batch: 213925**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00698		mg/L		105	80 - 120

Lab Sample ID: 480-71258-4 MSD — **Client Sample ID: BCC Area B RFI-30 MSD_1114**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 214166 — **Prep Batch: 213925**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00685		mg/L		103	80 - 120	2	20

GC/MS VOA

Analysis Batch: 215535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	8260C	
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	8260C	
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	8260C	
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	8260C	
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	8260C	
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	8260C	
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	8260C	
480-71258-6	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-215535/7	Lab Control Sample	Total/NA	Water	8260C	
MB 480-215535/9	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 215634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-2 - DL	BCC Area B RFI-27_1114	Total/NA	Ground Water	8260C	
LCS 480-215634/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-215634/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 214152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	3510C	
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	3510C	
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	3510C	
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	3510C	
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	3510C	
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	3510C	
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	3510C	
LCS 480-214152/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-214152/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 216669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	8270D	214152
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	8270D	214152
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	8270D	214152
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	8270D	214152
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	8270D	214152
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	8270D	214152
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	8270D	214152
LCS 480-214152/2-A	Lab Control Sample	Total/NA	Water	8270D	214152
MB 480-214152/1-A	Method Blank	Total/NA	Water	8270D	214152

Metals

Prep Batch: 213925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	7470A	
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	7470A	
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	7470A	

Metals (Continued)

Prep Batch: 213925 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	7470A	
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	7470A	
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	7470A	
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	7470A	
LCS 480-213925/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-213925/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 213933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	3005A	
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	3005A	
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	3005A	
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	3005A	
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	3005A	
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	3005A	
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	3005A	
LCS 480-213933/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-213933/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 214166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	7470A	213925
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	7470A	213925
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	7470A	213925
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	7470A	213925
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	7470A	213925
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	7470A	213925
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	7470A	213925
LCS 480-213925/2-A	Lab Control Sample	Total/NA	Water	7470A	213925
MB 480-213925/1-A	Method Blank	Total/NA	Water	7470A	213925

Analysis Batch: 214649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	6010C	213933
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	6010C	213933
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	6010C	213933
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	6010C	213933
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	6010C	213933
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	6010C	213933
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	6010C	213933
LCS 480-213933/2-A	Lab Control Sample	Total/NA	Water	6010C	213933
MB 480-213933/1-A	Method Blank	Total/NA	Water	6010C	213933

Analysis Batch: 214894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	6010C	213933
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	6010C	213933
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	6010C	213933
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	6010C	213933
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	6010C	213933
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	6010C	213933

Metals (Continued)

Analysis Batch: 214894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-213933/2-A	Lab Control Sample	Total/NA	Water	6010C	213933
MB 480-213933/1-A	Method Blank	Total/NA	Water	6010C	213933

Analysis Batch: 215089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	6010C	213933

Prep Batch: 215185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	3005A	
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	3005A	
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	3005A	
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	3005A	
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	3005A	
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	3005A	
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	3005A	
LCS 480-215185/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-215185/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 215589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-2	BCC Area B RFI-27_1114	Total/NA	Ground Water	6010C	215185
LCS 480-215185/2-A	Lab Control Sample	Total/NA	Water	6010C	215185
MB 480-215185/1-A	Method Blank	Total/NA	Water	6010C	215185

Analysis Batch: 215841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-71258-1	BCC Area B RFI-18_1114	Total/NA	Ground Water	6010C	215185
480-71258-3	BCC Area B RFI-28_1114	Total/NA	Ground Water	6010C	215185
480-71258-4	BCC Area B RFI-30_1114	Total/NA	Ground Water	6010C	215185
480-71258-4 MS	BCC Area B RFI-30 MS_1114	Total/NA	Ground Water	6010C	215185
480-71258-4 MSD	BCC Area B RFI-30 MSD_1114	Total/NA	Ground Water	6010C	215185
480-71258-5	BCC Area B RFI-30 D_1114	Total/NA	Ground Water	6010C	215185

Client Sample ID: BCC Area B RFI-18_1114

Lab Sample ID: 480-71258-1

Date Collected: 11/12/14 13:45

Matrix: Ground Water

Date Received: 11/12/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	215535	11/23/14 14:28	EDB	TAL BUF
Total/NA	Prep	3510C			214152	11/14/14 12:12	TRG	TAL BUF
Total/NA	Analysis	8270D		1	216669	12/02/14 14:24	LMW	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214649	11/18/14 01:46	TRB	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215089	11/19/14 20:58	TRB	TAL BUF
Total/NA	Prep	3005A			215185	11/21/14 08:40	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215841	11/24/14 13:20	TRB	TAL BUF
Total/NA	Prep	7470A			213925	11/14/14 08:15	TAS	TAL BUF
Total/NA	Analysis	7470A		1	214166	11/14/14 13:26	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-27_1114

Lab Sample ID: 480-71258-2

Date Collected: 11/12/14 11:30

Matrix: Ground Water

Date Received: 11/12/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	215535	11/23/14 14:50	EDB	TAL BUF
Total/NA	Analysis	8260C	DL	20	215634	11/24/14 12:39	CXM	TAL BUF
Total/NA	Prep	3510C			214152	11/14/14 12:12	TRG	TAL BUF
Total/NA	Analysis	8270D		1	216669	12/02/14 14:50	LMW	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214649	11/18/14 01:49	TRB	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214894	11/18/14 12:42	TRB	TAL BUF
Total/NA	Prep	3005A			215185	11/21/14 08:40	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215589	11/22/14 15:36	TRB	TAL BUF
Total/NA	Prep	7470A			213925	11/14/14 08:15	TAS	TAL BUF
Total/NA	Analysis	7470A		1	214166	11/14/14 13:27	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-28_1114

Lab Sample ID: 480-71258-3

Date Collected: 11/12/14 14:15

Matrix: Ground Water

Date Received: 11/12/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	215535	11/23/14 15:13	EDB	TAL BUF
Total/NA	Prep	3510C			214152	11/14/14 12:12	TRG	TAL BUF
Total/NA	Analysis	8270D		1	216669	12/02/14 15:16	LMW	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214649	11/18/14 01:52	TRB	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214894	11/18/14 12:45	TRB	TAL BUF
Total/NA	Prep	3005A			215185	11/21/14 08:40	KJ1	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: BCC Area B RFI-28_1114

Lab Sample ID: 480-71258-3

Date Collected: 11/12/14 14:15

Matrix: Ground Water

Date Received: 11/12/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	215841	11/24/14 13:23	TRB	TAL BUF
Total/NA	Prep	7470A			213925	11/14/14 08:15	TAS	TAL BUF
Total/NA	Analysis	7470A		1	214166	11/14/14 13:29	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-30_1114

Lab Sample ID: 480-71258-4

Date Collected: 11/12/14 12:10

Matrix: Ground Water

Date Received: 11/12/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	215535	11/23/14 15:36	EDB	TAL BUF
Total/NA	Prep	3510C			214152	11/14/14 12:12	TRG	TAL BUF
Total/NA	Analysis	8270D		1	216669	12/02/14 15:43	LMW	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214649	11/18/14 01:55	TRB	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214894	11/18/14 12:48	TRB	TAL BUF
Total/NA	Prep	3005A			215185	11/21/14 08:40	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215841	11/24/14 13:26	TRB	TAL BUF
Total/NA	Prep	7470A			213925	11/14/14 08:15	TAS	TAL BUF
Total/NA	Analysis	7470A		1	214166	11/14/14 13:31	LRK	TAL BUF

Client Sample ID: BCC Area B RFI-30 D_1114

Lab Sample ID: 480-71258-5

Date Collected: 11/12/14 12:25

Matrix: Ground Water

Date Received: 11/12/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	215535	11/23/14 15:59	EDB	TAL BUF
Total/NA	Prep	3510C			214152	11/14/14 12:12	TRG	TAL BUF
Total/NA	Analysis	8270D		1	216669	12/02/14 16:09	LMW	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214649	11/18/14 02:18	TRB	TAL BUF
Total/NA	Prep	3005A			213933	11/14/14 14:35	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	214894	11/18/14 13:02	TRB	TAL BUF
Total/NA	Prep	3005A			215185	11/21/14 08:40	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	215841	11/24/14 13:39	TRB	TAL BUF
Total/NA	Prep	7470A			213925	11/14/14 08:15	TAS	TAL BUF
Total/NA	Analysis	7470A		1	214166	11/14/14 13:38	LRK	TAL BUF

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Client Sample ID: TRIP BLANK
Date Collected: 11/12/14 00:00
Date Received: 11/12/14 16:15

Lab Sample ID: 480-71258-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	215535	11/23/14 16:21	EDB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: 37745-Buffalo Color Area B Wells

TestAmerica Job ID: 480-71258-1

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: 480-71258-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-71258-1	BCC Area B RFI-18_1114	Ground Water	11/12/14 13:45	11/12/14 16:15
480-71258-2	BCC Area B RFI-27_1114	Ground Water	11/12/14 11:30	11/12/14 16:15
480-71258-3	BCC Area B RFI-28_1114	Ground Water	11/12/14 14:15	11/12/14 16:15
480-71258-4	BCC Area B RFI-30_1114	Ground Water	11/12/14 12:10	11/12/14 16:15
480-71258-5	BCC Area B RFI-30 D_1114	Ground Water	11/12/14 12:25	11/12/14 16:15
480-71258-6	TRIP BLANK	Water	11/12/14 00:00	11/12/14 16:15

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Reco

480-71258 Chain of Custody

nerica

boratories, Inc.

1823-1114

Client Contact	Project Manager: Schove, John	Site Contact: Tom Wagner	Carrier: OSC	1 of 1 COCs
Ontario Specialty Contracting Inc.	Tel/Fax: (716) 912-9926	Lab Contact: Schove, John		Job No. 0913-OMM
333 Ganson Street	Analysis Turnaround Time			
Buffalo, NY, 14203	Calendar (C) or Work Days (W) W			SDG No.
716-856-3333 Phone	TAT			
716-842-1630 FAX	[X] 2 weeks			
Project Name: Buffalo Color Area B Wells	[ ] 1 week			
Site: HoneyWell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 52954	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.3 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list + analine	Sample Specific Notes:
BCC_Area B_RFI-18_1114	11/12/14	1345	G	W	6	N	3	1	2	
BCC_Area B_RFI-27_1114	11/12/14	1130	G	W	6	N	3	1	2	
BCC_Area B_RFI-28_1114	11/12/14	1415	G	W	6	N	3	1	2	
BCC_Area B_RFI-30_1114	11/12/14	1210	G	W	6	N	3	1	2	
BCC_Area B_RFI-30D_1114	11/12/14	1225	G	W	6	N	3	1	2	
BCC_Area B_RFI-30 MS_1114	11/12/14	1240	G	W	6	N	3	1	2	
BCC_Area B_RFI-30 MSD_1114	11/12/14	1300	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	N/A	2		2			
Container Volume (ml)							40	250	1000	
Preservation: 1= Ice 2= HCl (Hydrochloric) 3= H2SO4 (Sulfuric) 4=HNO3 (Nitric) 5=NaOH (Sodium Hydroxide) 6=Other							2-V	4-P	1-A	

Possible Hazard Identification
[ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Container Code: A=Amber G=Glass P=Poly/Plastic S=Summa T=Tedlar V=Vial

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	11/12/14 1615		TA BUF	11/12/14 1615
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

#1 2.5, 2.9

12/4/2014

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-71258-1

Login Number: 71258

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ATTACHMENT I

GROUNDWATER SAMPLE LOGS

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_ICM-101_0414
WELL ID	ICM-101	SAMPLE EVENT	AREA.A_1Q2014
TIME	START 8:40 AM END 10:00 AM	JOB NUMBER	0913OMM
SAMPLE DATE	4/1/2014	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	13.72 FT	MEASUREMENT POINT ELEVATION	586.214 FASL
WELL DEPTH	20.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	Even IN
WELL DIAMETER	2.0 IN	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
SCREEN LENGTH	10.0 FT	TIME OF SAMPLE COLLECTION	9:30 AM
TOTAL VOL. PURGED	0.338 GAL		

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:15		14.89	160	10.96	4.457	7.04	0.73	999.00	-134.4	Very High Turbidity- Off Chart
9:17	0.085	15.05	160	11.00	4.458	6.99	0.74	999.00	-133.3	
9:19	0.085	15.21	160	11.04	4.463	6.96	1.32	999.00	-133.6	
9:21	0.085	15.40	160	11.06	4.479	6.95	2.24	999.00	125.7	
9:23	0.085	15.53	160	11.10	4.489	6.95	1.81	999.00	-113.3	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.338

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Very High Turbidity - Filtered Sample

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_RFI-26_0414		
WELL ID	RFI-26	SAMPLE EVENT	AREA.A_1Q2014	SAMPLE DATE	4/1/2014
TIME	START 10:15 AM END 11:20 AM	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	15.96 FT	MEASUREMENT POINT ELEVATION	587.279 FASL
WELL DEPTH	36.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 IN
WELL DIAMETER	2.0 IN	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
SCREEN LENGTH	10.0 FT	TIME OF SAMPLE COLLECTION	11:00 AM
TOTAL VOL. PURGED	0.436 GAL		

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:50		16.05	165	11.09	1.736	7.08	1.18	17.57	34.6	
10:52	0.087	16.05	165	11.03	1.741	7.10	1.03	15.48	37.0	
10:54	0.087	16.06	165	11.02	1.742	7.09	0.87	16.86	40.5	
10:56	0.087	16.05	165	11.01	1.742	7.08	0.76	16.11	44.5	
11:00	0.174	16.05	165	11.02	1.742	7.08	0.75	16.76	49.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.436

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_W6-R-R_0314		
WELL ID	W6-R-R	SAMPLE EVENT	AREA.A_1Q2014	SAMPLE DATE	3/19/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	15.84 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	18.0 FT	MEASUREMENT POINT ELEVATION	588.432 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

COMMENTS

Depth to water measuement only

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE:

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_PS-09_0314		
WELL ID	PS-09	SAMPLE EVENT	AREA.B_1Q2014	SAMPLE DATE	3/27/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.43 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.736 FASL
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.5 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

COMMENTS

Depth to water measurement only

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE:

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-18_0314		
WELL ID	RFI-18	SAMPLE EVENT	AREA.B_1Q2014	SAMPLE DATE	3/27/2014
TIME	START 8:24 PM END 8:40 PM	JOB NUMBER	0913OMM	SAMPLER	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.81 FT	MEASUREMENT POINT ELEVATION	588.006 FASL
WELL DEPTH	14.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.25 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	-26.840 GAL	TIME OF SAMPLE COLLECTION	8:50 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
20:28		10.40	200	8.18	11.940	6.11	0.28	186.20	13.0	
20:32	0.211	11.17	200	8.06	12.110	6.13	0.49	167.00	9.0	
20:38	0.317	11.71	200	7.97	12.200	6.16	0.49	167.20	9.0	
20:42	0.211	12.10	200	8.10	12.230	6.17	0.50	70.60	5.9	
20:45	0.159	12.32	200	8.10	12.230	6.17	0.50	41.47	6.1	
12:00	-27.738	12.50	200	8.13	12.230	6.17	0.48	24.78	4.9	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: -26.840

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-19D_0314		
WELL ID	RFI-19D	SAMPLE EVENT	AREA.B_1Q2014	SAMPLE DATE	3/27/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	15.20 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	45.4 FT	MEASUREMENT POINT ELEVATION	588.133 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.25 IN
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-27_0314		
WELL ID	RFI-27	SAMPLE EVENT	AREA.B_1Q2014	SAMPLE DATE	3/27/2014
TIME	START 4:30 PM END 5:02 PM	JOB NUMBER	0913OMM	SAMPLER	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.79 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	18.0 FT	MEASUREMENT POINT ELEVATION	586.845 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN
SCREEN LENGTH	5.4 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	1.849 GAL	TIME OF SAMPLE COLLECTION	5:12 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
16:37		9.65	200	7.31	3.069	7.22	1.69	190.00	25.8	
16:45	0.423	14.27	200	7.06	3.066	7.15	1.81	410.00	23.8	
16:49	0.211	15.35	200	7.11	3.069	7.15	1.68	171.20	28.4	
16:52	0.159	15.35	200	7.22	3.071	7.15	1.65	286.30	29.3	
16:55	0.159	15.41	200	7.44	3.073	7.15	1.59	232.20	25.8	
16:59	0.211	15.66	200	7.55	3.085	7.13	1.60	352.90	14.7	
17:03	0.211	16.05	200	7.62	3.088	7.10	7.38	108.20	31.2	
17:06	0.159	16.17	200	7.59	3.100	7.07	1.65	56.32	21.0	
17:09	0.159	16.30	200	7.60	3.099	7.05	1.66	47.91	22.0	
17:12	0.159	16.43	200	7.60	3.098	7.04	1.68	43.92	21.6	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 1.849

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-28_0314
WELL ID	RFI-28	SAMPLE EVENT	AREA.B_1Q2014
TIME	START 7:21 PM END 7:36 PM	JOB NUMBER	0913OMM
SAMPLE DATE	3/27/2014	SAMPLER	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.56 FT	MEASUREMENT POINT ELEVATION	587.958 FASL
WELL DEPTH	16.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.845 GAL	TIME OF SAMPLE COLLECTION	7:46 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
19:30		9.70	200	8.05	2.728	7.65	0.25	14.76	-37.6	
19:34	0.211	10.00	200	8.07	2.736	7.66	0.21	8.19	-31.8	
19:37	0.159	10.43	200	8.20	3.735	7.66	0.27	10.93	-34.9	
19:40	0.159	10.89	200	8.23	2.721	7.66	0.19	14.34	-49.5	
19:46	0.317	11.15	200	8.30	2.709	7.66	0.19	9.15	-58.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.845

COMMENTS

Slight Green Tint

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Andrew Madden

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-30_0314
WELL ID	RFI-30	SAMPLE EVENT	AREA.B_1Q2014
TIME	START 6:00 PM END 6:37 PM	JOB NUMBER	0913OMM
SAMPLE DATE	3/27/2014	SAMPLER	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.20 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	15.1 FT	MEASUREMENT POINT ELEVATION	587.336 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.75 IN
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	1.849 GAL	TIME OF SAMPLE COLLECTION	6:47 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
18:12		14.64	200	9.10	3.550	6.57	6.30	264.10	185.0	
18:18	0.317	15.03	200	9.00	3.660	6.67	8.12	307.10	100.3	
18:22	0.211	15.25	200	9.20	3.695	6.67	1.07	68.96	86.4	
18:30	0.423	15.64	200	9.20	3.759	6.66	0.83	333.00	80.0	
18:39	0.476	16.38	200	9.58	3.785	6.68	0.69	28.00	74.2	
18:43	0.211	16.90	200	9.66	3.797	6.69	0.60	26.57	65.7	
18:47	0.211	17.10	200	9.67	3.797	6.69	0.62	32.97	63.3	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 1.849

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

COMMENTS

Protective casing dented

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_ICM-101_0514		
WELL ID	ICM-101	SAMPLE EVENT	AREA.A_2Q2014	SAMPLE DATE	5/27/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	12.15 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	20.0 FT	MEASUREMENT POINT ELEVATION	586.214 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.25 IN
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_RFI-26_0514		
WELL ID	RFI-26	SAMPLE EVENT	AREA.A_2Q2014	SAMPLE DATE	5/27/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	14.16	FT	MEASUREMENT POINT	[X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER		NAPL REMOVAL METHOD	[ ] BAILER [ ] PERISTALTIC PUMP [ ] ABSORBENT SOCK
WELL DEPTH	36.0	FT	MEASUREMENT POINT ELEVATION	587.279	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
WELL DIAMETER	2.0	IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75	IN	NAPL VOL. REMOVED	GAL
SCREEN LENGTH	10.0	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]			
TOTAL VOL. PURGED		GAL	TIME OF SAMPLE COLLECTION				

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES [X] NO [ ]

NUMBER OF GALLONS GENERATED

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_W6-R-R_0514		
WELL ID	W6-R-R	SAMPLE EVENT	AREA.A_2Q2014	SAMPLE DATE	5/27/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	15.22 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	18.0 FT	MEASUREMENT POINT ELEVATION	588.432 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_PS-09_0514		
WELL ID	PS-09	SAMPLE EVENT	AREA.B_2Q2014	SAMPLE DATE	5/27/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.92 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.736 FASL
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.5 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-18_0614
WELL ID	RFI-18	SAMPLE EVENT	AREA.B_2Q2014
TIME	START 11:30 AM END 12:20 PM	JOB NUMBER	0913OMM
SAMPLE DATE	6/23/2014	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.85 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	14.0 FT	MEASUREMENT POINT ELEVATION	588.006 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.25 IN
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.539 GAL	TIME OF SAMPLE COLLECTION	11:50 AM

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:35		14.95	170	15.90	3.600	11.80	2.13	16.80	-210.2	
11:38	0.135	14.96	170	15.70	3.590	11.82	1.80	11.50	-477.2	
11:40	0.090	14.96	170	15.70	3.590	11.84	1.82	12.50	-494.7	
11:42	0.090	14.96	170	15.50	3.530	11.85	2.07	10.20	-501.9	
11:45	0.135	14.96	170	15.50	3.490	11.85	4.67	11.40	-502.8	
11:47	0.090	14.96	170	15.50	3.470	11.87	4,72	9.27	502.6	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.539

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-19D_0514		
WELL ID	RFI-19D	SAMPLE EVENT	AREA.B_2Q2014	SAMPLE DATE	5/27/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	14.66 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	45.4 FT	MEASUREMENT POINT ELEVATION	588.133 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.25 IN
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-27_0614
WELL ID	RFI-27	SAMPLE EVENT	AREA.B_2Q2014
TIME	START 8:10 AM END 9:30 AM	JOB NUMBER	0913OMM
SAMPLE DATE	6/23/2014	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.58 FT	MEASUREMENT POINT ELEVATION	586.845 FASL
WELL DEPTH	18.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.4 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.532 GAL	TIME OF SAMPLE COLLECTION	8:45 AM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:20		7.81	155	11.70	3.860	6.62	0.45	103.00	14.2	D, MS, MSD
8:22	0.082	8.05	155	11.90	3.650	6.68	0.43	94.20	16.7	
8:24	0.082	8.33	155	11.60	3.510	6.74	0.40	83.20	17.9	
8:26	0.082	8.57	155	11.50	3.450	6.78	0.35	69.60	20.4	
8:29	0.123	9.00	155	11.50	3.330	6.82	0.35	57.40	21.3	
8:31	0.082	9.22	155	11.40	3.300	6.84	0.34	52.00	22.7	
8:33	0.082	9.48	155	11.50	3.260	6.86	0.39	51.70	21.4	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.532

COMMENTS

D, MS, MSD

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-28_0614
WELL ID	RFI-28	SAMPLE EVENT	AREA.B_2Q2014
TIME	START 10:45 AM END 11:25 AM	JOB NUMBER	0913OMM
SAMPLE DATE	6/23/2014	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.73 FT	MEASUREMENT POINT ELEVATION	587.958 FASL
WELL DEPTH	16.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.38 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.436 GAL	TIME OF SAMPLE COLLECTION	11:10 AM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:48		9.13	165	13.30	2.510	7.41	0.55	53.60	-221.9	
10:50	0.087	9.28	165	13.20	2.490	7.40	0.45	50.70	-226.7	
10:52	0.087	9.41	165	13.40	2.460	7.40	0.43	53.20	-231.6	
10:55	0.131	9.62	165	13.20	2.430	7.41	0.37	49.40	-236.1	
10:58	0.131	9.73	165	13.30	2.420	7.42	0.33	51.90	-238.5	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.436

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-30_0614
WELL ID	RFI-30	SAMPLE EVENT	AREA.B_2Q2014
TIME START	9:40 AM	END 10:20 AM	JOB NUMBER 0913OMM
SAMPLE DATE	6/23/2014		
SAMPLER	Tom Wagner (TW)		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.26 FT	MEASUREMENT POINT ELEVATION	587.336 FASL
WELL DEPTH	15.1 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.75 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	10:00 AM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:46		10.60	160	13.40	3.670	6.53	0.51	144.00	135.2	Filtered additional metals sample
9:48	0.085	10.83	160	13.40	3.630	6.32	0.46	145.00	132.5	
9:50	0.085	11.05	160	13.40	3.650	6.52	0.47	131.00	130.9	
9:52	0.085	11.26	160	13.60	3.640	6.53	0.46	105.00	126.3	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.254

COMMENTS

High Turbidity; Filtered Sample

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_ICM-101_0814		
WELL ID	ICM-101	SAMPLE EVENT	AREA.A_3Q2014	SAMPLE DATE	8/19/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	15.65 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	20.0 FT	MEASUREMENT POINT ELEVATION	586.214 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.25 IN
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_RFI-26_0814		
WELL ID	RFI-26	SAMPLE EVENT	AREA.A_3Q2014	SAMPLE DATE	8/19/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	12.50 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	36.0 FT	MEASUREMENT POINT ELEVATION	587.279 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 IN
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_W6-R-R_0814		
WELL ID	W6-R-R	SAMPLE EVENT	AREA.A_3Q2014	SAMPLE DATE	8/19/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	16.25 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	18.0 FT	MEASUREMENT POINT ELEVATION	588.432 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

COMMENTS

Depth to water measurement only

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_PS-09_0814		
WELL ID	PS-09	SAMPLE EVENT	AREA.B_3Q2014	SAMPLE DATE	8/19/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.96 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.736 FASL
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.5 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-18_0914		
WELL ID	RFI-18	SAMPLE EVENT	AREA.B_3Q2014	SAMPLE DATE	9/4/2014
TIME	START 1:20 PM END 1:45 PM	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.12 FT	MEASUREMENT POINT ELEVATION	588.006 FASL
WELL DEPTH	14.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.5 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	1:35 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
13:27		9.88	160	20.50	10.200	6.33	3.30	3.20	-46.0	
13:29	0.085	10.20	160	20.16	10.300	6.34	1.29	4.40	-46.0	
13:31	0.085	10.52	160	19.90	10.200	6.34	0.60	6.00	-46.0	
13:33	0.085	10.80	160	19.78	10.100	6.35	0.28	6.50	-48.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.254

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-19D_0814		
WELL ID	RFI-19D	SAMPLE EVENT	AREA.B_3Q2014	SAMPLE DATE	8/19/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	14.96 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	45.4 FT	MEASUREMENT POINT ELEVATION	588.133 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.25 IN
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-27_0914		
WELL ID	RFI-27	SAMPLE EVENT	AREA.B_3Q2014	SAMPLE DATE	9/4/2014
TIME	START 2:25 PM END 3:05 PM	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.27 FT	MEASUREMENT POINT ELEVATION	586.845 FASL
WELL DEPTH	18.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.5 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.4 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.262 GAL	TIME OF SAMPLE COLLECTION	2:45 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

NAPL REMOVAL METHOD
- [ ] BAILER
- [ ] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:28		7.91	165	24.85	2.610	7.18	1.70	18.40	106.0	
14:30	0.087	8.30	165	23.87	2.630	7.18	0.70	24.80	82.0	
14:32	0.087	8.75	165	22.69	2.680	7.18	0.17	17.70	15.0	
14:34	0.087	9.22	165	22.39	2.690	7.18		14.20	-4.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.262

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-28_0914		
WELL ID	RFI-28	SAMPLE EVENT	AREA.B_3Q2014	SAMPLE DATE	9/4/2014
TIME	START 11:50 AM END 1:10 PM	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.65 FT	MEASUREMENT POINT ELEVATION	587.958 FASL
WELL DEPTH	16.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2 IN
WELL DIAMETER	2.0 IN	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
SCREEN LENGTH	5.0 FT	TIME OF SAMPLE COLLECTION	12:20 PM
TOTAL VOL. PURGED	0.369 GAL		

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
12:05		10.35	155	20.33	2.790	7.49	2.99	1.60	-148.0	D, MS, MSD
12:07	0.082	10.45	155	21.58	2.720	7.50	1.35	2.40	-157.0	
12:10	0.123	10.49	155	20.03	2.780	7.52	0.48	3.50	-161.0	
12:12	0.082	10.60	155	19.01	2.810	7.52	0.06	3.70	-168.0	
12:14	0.082	10.74	155	19.34	2.790	7.53		2.40	-170.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.369

COMMENTS

D, MS, MSD

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-30_0914		
WELL ID	RFI-30	SAMPLE EVENT	AREA.B_3Q2014	SAMPLE DATE	9/4/2014
TIME	START 1:50 PM END 2:20 PM	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.49 FT	MEASUREMENT POINT ELEVATION	587.336 FASL
WELL DEPTH	15.1 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.75 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.349 GAL	TIME OF SAMPLE COLLECTION	2:15 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
13:56		9.98	165	28.15	3.030	6.81	1.83	4.40	116.0	
13:58	0.087	10.26	165	25.09	3.090	6.80	0.66	7.10	113.0	
14:00	0.087	10.56	165	24.61	3.120	6.80	0.24	4.70	105.0	
14:02	0.087	10.90	165	23.68	3.130	6.80		7.90	86.0	
14:04	0.087	11.16	165	23.58	3.110	6.79		7.50	83.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.349

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_ICM-101_1014		
WELL ID	ICM-101	SAMPLE EVENT	AREA.A_4Q2014	SAMPLE DATE	10/28/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	13.22 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	20.0 FT	MEASUREMENT POINT ELEVATION	586.214 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	0.18 IN
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_RFI-26_1014		
WELL ID	RFI-26	SAMPLE EVENT	AREA.A_4Q2014	SAMPLE DATE	10/28/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	15.70 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	36.0 FT	MEASUREMENT POINT ELEVATION	587.279 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.75 IN
SCREEN LENGTH	10.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.A_W6-R-R_1014		
WELL ID	W6-R-R	SAMPLE EVENT	AREA.A_4Q2014	SAMPLE DATE	10/28/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	16.40 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	18.0 FT	MEASUREMENT POINT ELEVATION	588.432 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	3 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_PS-09_1014		
WELL ID	PS-09	SAMPLE EVENT	AREA.B_4Q2014	SAMPLE DATE	10/28/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.62 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	8.0 FT	MEASUREMENT POINT ELEVATION	587.736 FASL
WELL DIAMETER	1.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	4.5 IN
SCREEN LENGTH	FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-18_1114		
WELL ID	RFI-18	SAMPLE EVENT	AREA.B_4Q2014	SAMPLE DATE	11/12/2014
TIME	START 1:20 PM END 1:55 PM	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.18 FT	MEASUREMENT POINT ELEVATION	588.006 FASL
WELL DEPTH	14.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.25 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.262 GAL	TIME OF SAMPLE COLLECTION	1:45 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
13:30		10.02	165	11.97	11.200	6.26	0.07	18.10	-25.0	
13:32	0.087	10.26	165	12.21	11.100	6.24		16.60	-22.0	
13:34	0.087	10.47	165	12.26	11.100	6.24		13.40	-22.0	
13:36	0.087	10.65	165	12.33	11.100	6.20		11.20	-22.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.262

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-19D_1014		
WELL ID	RFI-19D	SAMPLE EVENT	AREA.B_4Q2014	SAMPLE DATE	10/28/2014
TIME	START END	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	14.98 FT	MEASUREMENT POINT	[X] TOP OF WELL RISER; [ ] TOP OF PROTECTIVE CASING; [ ] OTHER
WELL DEPTH	45.4 FT	MEASUREMENT POINT ELEVATION	588.133 FASL
WELL DIAMETER	2.0 IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.75 IN
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	GAL	TIME OF SAMPLE COLLECTION	

NAPL REMOVAL METHOD: [ ] BAILER; [ ] PERISTALTIC PUMP; [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

COMMENTS

Depth to water measurement only

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-27_1114		
WELL ID	RFI-27	SAMPLE EVENT	AREA.B_4Q2014	SAMPLE DATE	11/12/2014
TIME	START 11:00 AM END 11:40 AM	JOB NUMBER	0913OMM	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.72 FT	MEASUREMENT POINT ELEVATION	586.845 FASL
WELL DEPTH	18.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.75 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.4 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.254 GAL	TIME OF SAMPLE COLLECTION	11:30 AM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
11:15		8.17	160	9.77	3.190	7.19	0.10	9.10	157.0	
11:17	0.085	8.46	160	9.83	3.170	7.19		7.20	148.0	
11:19	0.085	8.72	160	9.85	3.170	7.19		6.60	141.0	
11:21	0.085	8.89	160	9.82	3.160	7.19		9.20	135.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.254

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-28_1114
WELL ID	RFI-28	SAMPLE EVENT	AREA.B_4Q2014
TIME START	2:00 PM	END 2:40 PM	JOB NUMBER 0913OMM
SAMPLE DATE	11/12/2014		
SAMPLER	Tom Wagner (TW)		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.55 FT	MEASUREMENT POINT ELEVATION	587.958 FASL
WELL DEPTH	16.0 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.246 GAL	TIME OF SAMPLE COLLECTION	2:15 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
14:05		9.86	155	11.62	2.830	7.60	0.66	1.10	-151.0	
14:07	0.082	9.98	155	11.52	2.810	7.60	0.37	1.20	-163.0	
14:09	0.082	10.17	155	11.61	2.770	7.60	0.07	1.30	-174.0	
14:11	0.082	10.34	155	11.67	2.730	7.60		1.80	-183.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
[ ] WAILER	[X] SILICONE	[X] YSI 556 MPS W/ FLOW CELL	[X] GEOTECH INTERFACE METER
[ ] SIMCO BLADDER	[X] HIGH DENSITY POLYETHYLENE	[ ] HORIBA U-50 W/ FLOW CELL	[ ] SOLINST WATER METER
[X] GEOPUMP PERISTALTIC PUMP	[ ] OTHER	[ ] OTHER	[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.246

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas O. Wagner

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCC_AREA.B_RFI-30_1114
WELL ID	RFI-30	SAMPLE EVENT	AREA.B_4Q2014
TIME	START 11:50 AM END 1:15 PM	JOB NUMBER	0913OMM
SAMPLE DATE	11/12/2014	SAMPLER	Tom Wagner (TW)

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	8.02 FT	MEASUREMENT POINT ELEVATION	587.336 FASL
WELL DEPTH	15.1 FT	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	1.38 IN
WELL DIAMETER	2.0 IN		
SCREEN LENGTH	5.0 FT	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES [X] NO [ ]
TOTAL VOL. PURGED	0.349 GAL	TIME OF SAMPLE COLLECTION	12:10 PM

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

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
11:56		10.01	165	10.38	3.650	6.79		18.90	128.0	D, MS, MSD
11:58	0.087	10.19	165	10.60	3.640	6.78		20.70	126.0	
12:00	0.087	10.42	165	10.72	3.620	6.77		21.20	124.0	
12:02	0.087	10.72	165	10.79	3.610	3.61		21.70	122.0	
12:04	0.087	10.95	165	10.82	3.590	6.77		20.50	121.0	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [X] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [X] GEOTECH INTERFACE METER
- [ ] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 0.349

COMMENTS

D, MS, MSD

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____