



INVENTUM ENGINEERING, PC

February 19, 2025

Megan Kuczka
Project Manager
New York State Department of Environmental Conservation
700 Delaware Avenue
Buffalo, NY 14209.

Re: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Buffalo Color Corporation Area E Site
Site No.: C915232
Site Address: 100 Lee Street (f/k/a 85 Lee Street) et. al.
Buffalo, NY 14210

Dear Ms. Kuczka:

On behalf of South Buffalo Development Corporation, LLC (SBD), Inventum Engineering is submitting this revised periodic review report (PRR) for the Buffalo Color Corporation Area E Site (referred hereafter as the Site). This report documents the implementation of, and compliance with, site-specific Site Management (SM) requirements for the reporting period of October 5, 2023, to October 5, 2024.

The revised report incorporates comments on the PRR received from the New York State Department of Environmental Conservation (NYSDEC) in an e-mail dated February 5, 2025. The NYSDEC's comments are reproduced in the bullets below followed by Inventum's response in *italics*.

- Table 1B – Missing phenol detection for RFI-29 in December 2023
The PRR has been revised in accordance with the comment.
- Table 5 – RFI-32AR & RFI-29 are missing the March 2012 results.
The PRR has been revised to include the March 2012 data for RFI-29. The March 2012 data for RFI-32AR was not missing and no revisions have been made.

Please feel free to call with any questions or comments.

Respectfully submitted,

Todd Waldrop

Enclosures

INVENTUM ENGINEERING, PC
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Enclosures



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Enclosure A

Institutional and Engineering Controls Certification Form





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



Site No.	C915232	Site Details	Box 1
Site Name Buffalo Color Corporation Area E Site			
Site Address: 100 Lee Street (f/k/a 85 Lee Street) et. al. Zip Code: 14210			
City/Town: Buffalo			
County: Erie			
Site Acreage: 15.800			
Reporting Period: October 05, 2023 to October 05, 2024			
			YES NO
1. Is the information above correct?			X ☐
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?			☐ X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?			☐ X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?			☐ X
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?			☐ X

NYSDEC approved site use includes restricted-residential. Approval of revised SMP and FER are pending.

	Box 2
	YES NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☐ X
7. Are all ICs in place and functioning as designed?	X ☐

**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.

02/19/2025

Signature of Owner, Remedial Party or Designated Representative

Date

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Enclosure B



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1 Executive Summary

1.1 Site Summary

The 15.8-acre Area E Site is located at 100 Lee Street (f/k/a 85 Lee Street) in the City of Buffalo, County of Erie, New York. It is one of five areas which comprised the former Buffalo Color Corporation, which produced dyes and organic chemicals until its bankruptcy in 2005.

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

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

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

During the reporting period, the following routine Operations, Maintenance, and Monitoring (OMM) activities were completed in accordance with the (1) Site Management Plan, prepared by Mactec Engineering and Consulting P.C. dated September 14, 2011 (referred to hereafter as the SMP) and/or (2) modifications to the monitoring program from prior PRR approvals:

- Quarterly shallow groundwater sampling (Table 1, Figures 1 and 2, Appendices A and B); and
- Quarterly Site inspections (Table 2).

Table 1 summarizes groundwater monitoring results and Figure 2 shows the corresponding VOC concentrations for each of the quarterly sampling events covered within the reporting period for the four monitoring wells remaining in the SMP. Table 1 includes the results of primary contaminants of concern (COCs), Table 1A includes the results of metals analysis, and Table 1B includes the results of VOCs and SVOCs not historically considered the primary COCs.



1.2 Effectiveness of the Remedial Program

The following conclusions were developed based on the data collected during the reporting period:

- The central and western portion of Area E (Phase 1 and Phase 2 College Athletic Complex Projects, respectively) have been redeveloped for use as athletic fields with supporting ancillary features (access walkways, bleachers, fieldhouse, and parking). The athletic field complex provides a restricted residential use compliant cover system and is functioning as designed.
- The southeastern portion of Area E remains undeveloped with a commercial use compliant cover system consisting of a vegetated cover, gravel, and or asphalt/concrete. The cover system is functioning as designed.
- The commercial use compliant vegetated cover south of the field house was re-graded during the 2021-2022 reporting period (Figure 1). The area had been used for material storage during the site redevelopment. The existing demarcation fabric was not affected during the redevelopment or regrading. Topsoil was placed during the previous reporting period (2022 – 2023) and the area was re-surveyed during this reporting period (Appendix E).
- The restricted residential use compliant cover surrounding the field house was repaired during the reporting period. Cracking and rutting of the soil cover along the northern, eastern, and a portion of the southern perimeter was identified (Appendix D). The cover system in this area was repaired by placing and grading a layer of gravel/stone (Appendix C, D).
- ORC-A socks were placed in RFI-29 and MW-E05 after the Q2 2023 sampling and were allowed to sit in the monitoring wells until approximately 30 days prior to collection of the Q4 2023 sample. Chlorobenzene concentrations in MW-E05 after removal of the ORC socks were below GWQS for each quarter during the reporting period. Chlorobenzene concentrations in RFI-29 were consistent with concentrations prior to sock placement.
- Chlorobenzene concentrations at RFI-32AR continued to be significantly elevated compared to historical trends at RFI-32A. A corrective measures evaluation of additional actions for this area that are better suited to reduce elevated concentrations of chlorobenzene was completed during the reporting period. An *RFI-32 Area Corrective Measures Work Plan* was submitted to the NYSDEC during the reporting period. In-Situ Chemical Oxidation (ISCO) via injections of Regensis's PersulfOx product has been proposed as supplemental corrective measures.
- Samples from three monitoring wells (Table 1) contained concentrations of COCs above GWQS during the reporting period:
 - RFI-29 contained COCs at concentrations consistent with levels seen over the prior reporting periods; RFI-32AR continued to contain chlorobenzene at concentrations above historical maximums (Table 5).
- Non-aqueous phase liquids were not measured in any well (Table 3).
- Figures 3 through 6 provide the interpreted groundwater flow directions during the reporting period. Groundwater flow in the area is apparently south to southwest in the vicinity of RFI-29 and MW-E05. Periodically, there appears to be a slight easterly gradient from MW-E05 to RFI-32AR (Figure 3, 5, and 6). Groundwater on the northern portion of the site near RFI-33 appears to flow more easterly from the direction of the Area C Site.
- Communication testing of the sub-slab depressurization system at the field house was conducted as a monthly inspection task during the reporting period. Pressure differentials for testing conducted at the four pre-installed sample ports (Figure 7) are provided in Table 4. Each



measurement exceeded the pressure differential creation objective of -0.004 inches of water column (wci) as well as a typical system design pressure differential of -0.010 wci. The SSD system continues to operate as designed.

There was no change in site use during the reporting period. No groundwater use occurred during the reporting period. Stone was imported to the site for the Restricted Residential Use compliant cover restoration of around the perimeter of the field house (Appendix C). No other materials were imported to the Site during the reporting period. No excavations were conducted during the reporting period.

1.2.1 Progress to Remedial Objectives for the Site

The following conclusions were developed based on data collected during the reporting period:

- Site inspection reports (Table 2) confirm the remedy remained protective for preventing inadvertent direct contact with impacted soils. Cracking in the cover soils around the perimeter of the field house (Appendix D) due to surface soil shrinkage from lack of moisture during extended dry conditions was identified during the reporting period. Cover repair was completed in Q2 2024 (Appendix D).
- The RAOs for groundwater have been achieved in the northern and eastern portions of the site (Figure 2) except in the vicinity of monitoring wells RFI-29 and RFI-32AR.
- The field house includes an active sub-slab depressurization system designed in accordance with the SMP. The system includes a series of perforated piping and fans and was operating as designed. Sub-slab pressure testing was conducted monthly and will continue on a monthly basis going forward.
- The groundwater concentrations in the southwest corner of the site remain above the goals for the site. Supplemental corrective measures for the RFI-32AR area were proposed during the reporting period. ISCO injections were proposed to address the marked increase in chlorobenzene concentrations since Q3 2022. Continued monitoring is necessary at RFI-29, MW-E05, and RFI-32AR.

1.3 Compliance

No areas of non-compliance were noted during the reporting period.

1.3.1 Potential Non-compliance

No areas of potential non-compliance were noted during the reporting period.

1.3.2 Proposed Steps

Implementation of the proposed *RFI-32AR Corrective Measures Work Plan* is anticipated to be completed during the next reporting period.

1.4 Recommendations

1.4.1 Recommended Changes to the SMP

A draft revised SMP and FER were submitted to the NYSDEC during the reporting period.



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1.4.2 Recommend Changes to the Frequency for Submittal of PRRs

There is no recommended change to the frequency of the PRRs at this time.

1.4.3 Recommend Whether the Requirements for Discontinuing Site Management

It is appropriate to continue Site Management.



2 Site Overview

2.1 Site Location

The Site is located at 85 Lee Street in the City of Buffalo, County of Erie, New York. The Site is an approximate 15.8-acre area bounded by Elk Street to the north, industrial property operated by PVS Chemicals to the south, Lee Street to the west, and Orlando Street to the east. All former buildings and ancillary structures that were located on Area E in connection with the operation of the former Buffalo Color Corporation plant have been demolished, and the Site was vacant until mid-2018. In 2018 an application for early occupancy and a RAWP for redevelopment of a portion of the Site were submitted and approved by the NYSDEC. The central portion of the Area E Site is now covered with a turf athletic field that meets the requirements of a restricted residential compliant cover system. The northeast section of the Area E Site was redeveloped as a field house to support the training and athletic preparations associated with the athletic field. The fields are periodically rented for daily/weekly use, but there is no one currently leasing the site for full-time/dedicated use.

The Site is part of the former Buffalo Color Corporation facility, which also included Areas A, B, and C located to the west and southwest. The surrounding area consists of industrial and residential properties.

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

2.2 Chronology of the Remedial Program

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

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



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- Excavation and off-Site disposal of approximately 13,600 CY (in-place volume) of VOC-contaminated soils from three locations on the western/southwestern side of Area E to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Excavation and off-Site disposal of soil containing petroleum LNAPL from the southeastern portion of Area E to accomplish mass removal of petroleum LNAPL;
- Utilization of an integrated Site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and rehabilitation of the existing storm sewer system, including replacement of sections with new piping, and sealing of existing pipe via installation of cured-in-place piping (CIPP) and sealing of manholes with a chemical-resistant grout to prevent groundwater infiltration;
- Execution and recording of an Environmental Easement in favor of NYSDEC to restrict land use and address future exposure to any remaining contamination at the Site. Elements of the Environmental Easement include prohibiting groundwater use, providing protocols for disturbance of Site soils and/or groundwater, limiting future land use to commercial or industrial use, and requiring that occupied structures associated with future development at the Site address the vapor intrusion (VI) pathway (either through construction methods or through additional characterization to ensure that the area over which the structure will reside does not present a potential VI concern); and
- Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for Institutional and Engineering Controls, operation, maintenance and monitoring, and reporting.

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

In 2018, the SBD approached the City of Buffalo and the NYSDEC with plans for redevelopment of a portion of the property. A local college needed an athletic field and field house. A RAWP and Application for Early Occupancy were submitted and approved by the NYSDEC. A redevelopment plan and erosion and sediment control plan were submitted to the City of Buffalo for review and approval. The athletic field and field house were completed in October 2018 (Phase 1 College Athletic Complex Project) and construction of additional athletic fields in the western portion of Area E was completed in 2022 (Phase 2 College Athletic Complex Project). The Phase 1 and Phase 2 redevelopment projects incorporated higher-level engineering controls to allow for restricted residential use. These are documented in the draft SMP and FER submitted to the NYSDEC during the reporting period.

Groundwater monitoring activities to assess contaminant levels in shallow Site groundwater and assess the process of natural attenuation (enhanced through addition of ORC-A to remedial excavation backfill), will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be



consistently below NYSDEC standards or have become asymptotic at an acceptable concentration over an extended period. Monitoring will continue until permission to discontinue is granted in writing by the NYSDECC.

3 Evaluate Remedy Performance, Effectiveness, and Protectiveness

The performance, effectiveness and protectiveness of the remedy is verified by ensuring that the cover system is intact as constructed and ensure that off-Site migration of remaining contamination is progressively mitigated through the long-term Site monitoring well sampling program. New York State Water Quality Standards for Surface Water and Groundwater (Table 1, cf. section 703.5 – Class GA) are the established groundwater quality objectives for the Site. Eurofins Laboratories, Inc. in Amherst NY performed the laboratory analysis for the collected groundwater samples. Tabulated groundwater analytical data is provided in Table 1 and laboratory data reports are provided in Appendix A. Groundwater elevation figures are provided as Figures 3 through 6.

3.1 IC/EC Requirements and Compliance

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

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

The environmental easement reflects the NYSDEC and City of Buffalo approved re-development which limits the use of the Site to a mix of restricted-residential and commercial use. The Site will remain in corrective measures until finalization of the revised SMP and FER.

3.1.1 Controls

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

- In restricted-residential use areas: An integrated Site-wide cover system consisting of a combination of a minimum of two feet of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, two feet of gravel cover underlain by a demarcation layer consisting of a woven geotextile, two feet of imported clean soil cover with artificial turf and underlain by a demarcation layer consisting of a woven geotextile (, existing/new pavement (asphalt or concrete), concrete pads, and/or existing buildings to address human exposure to remaining contamination at the Site;
- In commercial use areas: 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, one foot of gravel cover underlain by a demarcation layer consisting of a woven geotextile, existing building, and/or pavement (asphalt or concrete) to address human exposure to remaining contamination at the Site; and



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- Provide protocols for the disturbance of Site soils and/or groundwater and addressing potential vapor intrusion (VI) pathways of occupied structures associated with future development at the Site.

Compliance with the Site IC/EC's is evaluated through documented quarterly Site and cover system inspections. Site-wide and cover system inspection sheets for the reporting period are provided in Table 2.

3.1.2 Status

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

- Documented Site-wide, cover system to ensure the environmental easement was active and in force.
- The cover system was intact and protective (Table 2) of potential human exposure during the reporting period.

3.1.3 Corrective Measures

Corrective measures have been proposed for the RFI-32AR area where elevated concentrations of chlorobenzene have been detected consistently since Q3 2022. ISCO injections have been proposed and are anticipated to be implemented during the next reporting period.

The restricted residential use cover system around the perimeter of the field house was repaired during the report period. An import request for coarse aggregate (1A Stone) was approved by the NYSDEC in August 2024 and approximately 2 cubic yards of stone was placed in the locations shown on Figure 1 in August 2024 (Appendix C).

3.1.4 Conclusions and Recommendations

The remedy remains protective of human health and the environment.

3.2 IC/EC Certification

The IC/EC certifications are provided in Enclosure A with the cover letter.



4 Monitoring Plan Compliance Report

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

- Quarterly Low-Flow shallow groundwater sampling (Tables 1, Appendices A and B, Figure 2); and
- Quarterly Site and cover system inspections (Table 2).

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

<u>Monitoring Type</u>	<u>Frequency</u>	<u>Q4 2023</u>	<u>Q1 2024</u>	<u>Q2 2024</u>	<u>Q3 2024</u>
Low-flow Shallow Groundwater Well Sampling	Quarterly	X	X	X	X
Site-wide & Cover System Inspections	Quarterly	X	X	X	X

<u>Sample Point</u>	<u>Frequency</u>	<u>Sample Point Type</u>	<u>Monitoring Parameters</u>	<u>Q4 23</u>	<u>Q1 24</u>	<u>Q2 24</u>	<u>Q3 24</u>
RFI-29	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X
RFI-32A/RFI-32AR	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X
RFI-33	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X
MW-E05	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X

ORC-A socks were placed in monitoring wells RFI-29 and MW-E05 after collection of groundwater samples in Q2 2023 and removed approximately 30-days prior to collection of the Q4 2023 sample.

4.1 Comparisons with Remedial Objectives

Site groundwater analytical results have been tabulated and compared against the established groundwater quality objectives for the Site. Refer to the Evaluation of Remedy Performance, Effectiveness and Protectiveness portion of this report for additional information.

4.2 Monitoring Deficiencies

No monitoring deficiencies were observed.

4.3 Conclusions and Recommendations for Changes

A revised/updated SMP and FER were submitted to the NYSDEC during the reporting period.



5 Operations and Maintenance Plan Compliance Report

5.1 Components of the O&M Plan

The field house for the athletic complex has been equipped with a sub slab depressurization system. Therefore, the operation and maintenance of the system is included in this PRR.

The SSD system is documented as an engineering control in the revised SMP and revised environmental easement. A draft revised SMP and FER have been submitted to the NYSDEC and contains an OM&M plan for the SSD system.

5.2 Components of the Monitoring Plan

The tables below summarize monitoring to be completed during the next reporting period.

<u>Monitoring Type</u>	<u>Frequency</u>	2024	2025		
		<u>4th</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Low-flow Shallow Groundwater Well Sampling	Quarterly	X	X	X	X
Site-wide & Cover System Inspections	Quarterly	X	X	X	X
SSD System Inspection	Quarterly	X	X	X	X

<u>Sample Point</u>	<u>Frequency</u>	<u>Sample Point Type</u>	<u>Monitoring Parameters</u>	2024	2025		
				<u>4th</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
RFI-29	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X
RFI-32AR	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X
RFI-33	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X
MW-E05	Quarterly	Monitoring Well	TCL VOCs, TCL SVOCs, TAL Metals	X	X	X	X

5.3 Summary of Monitoring

Natural attenuation of Site groundwater is tracked through the sampling of Site monitoring wells. New York State Water Quality Standards for Surface Water and Groundwater are the established groundwater quality objectives for the Site. Eurofins Laboratories, Inc. in Amherst, New York performed the laboratory analysis for the collected groundwater samples.

Tabulated groundwater analytical data for the compounds detected historically are provided in Table 1 for all wells sampled during the reporting period and shown on Figure 2. Groundwater elevations are shown on Figures 3 through 6. While the remedial actions have been successful over a majority of the Site, progress towards meeting the GWQS in the vicinity of RFI-29 and MW-E05 is ongoing. Groundwater monitoring at these locations will continue during the next reporting period. Groundwater monitoring at MW-E05 showed compliance with the GWQS for the primary COCs during the reporting period.



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Historically, concentrations of COCs in RFI-32A (abandoned Q2 2021) were typically orders of magnitude above the surrounding wells. RFI-32AR was installed as close to RFI-32A as possible and chlorobenzene continues to be detected at concentrations 35 times that of RFI-32A (Table 1). As noted in prior years PRR's the new location appears to be in an area outside of the original remedial action excavation and is downgradient of the excavation where 700 pounds of ORC-A was added during the 2020-2021 reporting period. Continued monitoring at RFI-32AR is necessary as the groundwater system stabilizes. Corrective measures have been proposed for the RFI-32AR area where elevated concentrations of chlorobenzene have been detected consistently since Q3 2022. ISCO injections have been proposed and are anticipated to be implemented during the next reporting period.

5.4 Comparisons with Remedial Objectives

The data that exceeded the GWQS are presented in Table 1 and Figure 2.

5.5 Monitoring Deficiencies

There were no monitoring deficiencies during the reporting period.

5.6 Conclusions and Recommendations for Changes

There are no changes recommended.



6 Operation & Maintenance (O&M) Plan Compliance Report

6.1 Summary of O&M Completed During Reporting Period

Inspections and sampling in accordance with the SMP.

6.2 O&M Deficiencies

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

6.3 Conclusions and Recommendations for Improvements

There are no recommendations for improvement.



7 Overall PRR Conclusions and Recommendations

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

A draft revised SMP and revised FER were submitted during the reporting period.

7.1 Performance and Effectiveness of the Remedy:

The cover system is intact as constructed, and the Site remedy is maintaining control of COCs.

Corrective measures are ongoing for the RFI-32AR area where elevated concentrations of chlorobenzene have been detected consistently since Q3 2022.

7.2 Future PRR Submittals:

It is currently expected that the next PRR will be submitted on or about November 4, 2025.



Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Tables





Table 1
Groundwater Data Summary
Buffalo Color Corporation Area E Site
Buffalo, New York

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-29	11/17/2009	3	1.1	5.2	<1	14	23.3	0.42
	10/10 - 1/11	ORC-A Application						
	3/30/2012	1.8	<1	2.9	<1	7.7	12.4	0
	6/28/2012	3	1.1	5.8	<1	17	26.9	0.6
	9/12/2012	3	0.98 J	5.2	<1	16	25.18	0
	11/28/2012	1.6	<1	2.4	<1	7.5	11.5	0.91
	3/24/2013	1.8	<1	3.2	<1	7.2	12.2	0
	6/4/2013	2.1	<1	3.5	<1	11	16.6	0
	9/9/2013	2.2	<1	3.6	<1	12	17.8	0.6
	11/25/2013	1.9	<1	3.4	<1	13	18.3	0
	3/25/2014	1.8	<1	3.8	<1	9.3	14.9	0
	6/24/2014	2.3	<1	4.4	<1	14	20.7	0
	9/9/2014	3	1	5.4	<1	15	24.4	0
	11/11/2014	1.9	<1	2.8	<1	9.8	14.5	2.86
	4/1/2015	1.4	<1	2.5	<1	5.9	9.8	0
	6/22/2015	2	<1	3.6	<1	11	16.6	0
	9/9/2015	2.6	0.79 J	5	<1	<14	8.39	0
	11/3/2015	2	<1	3.3	<1	12	17.3	0
	3/16/2016	1.8	<1	2.8	<1	7.3	11.9	0
	5/31/2016	1.7	<1	3.2	<1	9	13.9	0
	9/12/2016	3.1	1.1	5.3	<1	18	27.5	0.58
	11/7/2016	2.1	<1	3.5	<1	15	20.6	0
	3/28/2017	1.8	<1	2.9	<1	4.8	9.5	0
	6/7/2017	2.4	<1	4.6	<1	13	20	0
	8/16/2017	2.6	0.97 J	5.1	<1	17	25.67	0.42
	11/15/2017	1.7	0.41 J	2.9	<1	11	16.01	0
	3/13/2018	1.7	<1	3.4	<1	4.9	10	0
	6/6/2018	2.3	0.84 J	4.3	<1	11	18.44	1.8
	8/28/2018	3.6	1.1	6.5	<1	18	32.5	1.03
	11/19/2018	3.0	1.1	5.8	<1	16	25.9	0
	3/13/2019	1.8	<1	3.3	<1	7.9	13	0.41
	5/29/2019	2.1	<1	3.3	<1	8.0	13.4	0
	9/9/2019	3.2	0.84	4.7	<1	14	22.74	0.79
	11/19/2019	2.7	0.84 J	4.7	<1	14	22.24	0
	3/16/2020	1.5	<1	2.4	<1	4.8	8.7	0
	5/27/2020	1.6	<1	3	<1	7.3	11.9	0.49 BJ
	8/11/2020	2.4	<1	3.8	<1	11	17.2	1.35 J
	11/4/2020	2.3	<1	3.9	<1	11	17.2	0.75J
	3/9/2021	1.7	<1	3.2	<1	5.9	10.8	0.4J
	5/24/2021	1.8	<1	2.9	<1	7	11.7	0.53 J
	8/9/2021	2	<1	3.2	<1	7.7	14.6	2.7J
	8/9/2021 DUP	2.1	<1	3.4	<1	8.3	14.6	2.7J
	11/9/2021	2.7	0.81 J	4.8	<0.41	14	22.31	0
	3/16/2022	3.8	<1.6	4	0.99 J	8.6	21.39	4.3 J
	5/18/2022	4.5	0.83 J	4.5	2.1	12	23.93	11.1 J
	8/17/2022	2.7	<0.78	3.2	0.9 J	24	30.8	10.5 J
	12/6/2022	5.2	1	5.3	0.84 J	35	47.34	5.4
	2/2/2023	4.3	0.84 J	4.5	0.46 J	28	38.5	3.9
	6/29/2023	3.5	<0.78	3.9	<0.41	22	29.4	3.37
	ORC-A Application - NO Sample Q3 2023							
	12/14/2023	2.7	<0.78	3	<0.41	14	19.7	2.03 J
	3/14/2024	3.7	<0.78	3.4	<0.41	31	38.1	0.63 J
	5/30/2024	4.9	<0.78	3.8	<0.41	29	38.14	0
	9/9/2024	2.4	<0.78	2.9	<0.41	16	21.3	1.34 BJ



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Groundwater Data Summary
Buffalo Color Corporation Area E Site
Buffalo, New York

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-32A	11/20/2009	<100	<100	49 J	420	28000	28469	37.95
	10/10 - 1/11	ORC-A Application						
	3/30/2012	20	3.7	48	700	30000	30776.12	0
	6/28/2012	<500	<500	<500	430 J	28000	28430	15.2
	9/12/2012	<500	<500	<500	370 J	27000	27370	5.15
	11/29/2012	<200	<200	<200	260	Fol	16260	15
	3/23/2013	<200	<200	<200	480	29000	29480	10.82
	6/4/2013	<500	<500	<500	480	27000	27480	14
	9/6/2013	<500	<500	<500	450	32000	32450	13.3
	11/26/2013	<250	<250	<250	280	18000	18280	12.5
	3/25/2014	<250	<250	<250	500	30000	30500	20.92
	6/18/2014	ORC Application						
	6/23/2014	<500	<500	<500	330 J	24000	24740	15.11
	9/9/2014	<40	<40	<40	<40	2400	2400	23
	11/10/2014	<20	<20	<20	<20	1200	1200	39.3
	4/1/2015	<20	<20	<20	0.44 J	910 J	917.94	5.89
	6/22/2015	<20	<20	<20	<20	2800	2800	18
	9/9/2015	<50	<50	<50	<50	2500	2500	27
	11/3/2015	<50	<50	<50	<50	2300	2300	22.38
	3/15/2016	<20	<20	<20	0.92 J	470	475.62	38.8
	5/31/2016	<20	<20	<20	<20	1700 J	1700	10.41
	9/12/2016	<20	<20	<20	<20	3500	3500	21
	11/7/2016	<40	<40	<40	<40	3700	3700	6.7
	3/28/2017	<4	<4	<4	<4	110	110	0
	6/7/2017	<40	<40	<40	<40	2600 J	2618	4.58
	8/16/2017	<100	<100	<100	<100	3700	3700	9.5
	11/15/2017	<5	<5	<5	<5	730	730	1.3
	3/12/2018	<5	<5	<5	<5	620 F1	620	1.6
	6/6/2018	<40	<40	<40	<40	2600	2600	6.7
	8/28/2018	<40	<40	<40	<40	1400	1400	0
	11/19/2018	<10	<10	<10	<10	600	604.5	0.31
	3/13/2019	<10	<10	<10	<10	270	270	1.32
	5/29/2019	<10	<10	<10	9.5	2900	2909.5	6.5
	9/10/2019	<50	<50	<50	<50	4300	4300	16
	11/19/2019	< 25	< 25	< 25	< 25	960	960	5.03
	3/16/2020	<50	<50	<50	<50	5400 F1	5400	1.5
	5/27/2020	<50	<50	<50	<50	4200	4200	10.16
	8/11/2020	<50	<50	<50	<50	3300	3300	24.24
	11/4/2020	<10	<10	<10	<10	590	590	1.4J
	3/9/2021	<10	<10	<10	6.5J	1,700	1715.1J	18.5J
	5/24/2021	<1	<1	1.8	14	5400	5421.8J	3.2 J
	5/24/2021 DUP	<1	<1	1.7	15	5200T	5421.8J	3.2 J
	11/9/2021	Well Temporarily Abandoned For Site Re-Development						
	3/16/2022	Well Temporarily Abandoned For Site Re-Development						
	5/18/2022	Well Temporarily Abandoned For Site Re-Development						
	8/17/2022	730	120	1700 F1	110	170000	173123	504.4 J
	8/17/2022 DUP	<2000	<2000	<2100	<1000	190000	190000	657.15 J
	12/6/2022	<3200	<3100	<3400	<1600	130000	130000	190
	2/2/2023	<3200	<3100	<3400	<1600	150000	150000	210
	6/29/2023	180	31	<3400	43	150000 F1	150418.3	78 J
	9/15/2023	<3200	<3100	<3400	<1600	120000 F1	120000	86 J
	9/15/23 (DUP)	<3200	<3100	<3400	<1600	120000	120000	99 J
	12/14/2023	<3200	<3100	<3400	<1600	120000	120000	140
	3/14/2024	<3200	<3100	<3400	<1600	170000	170000	130
	3/14/2024 (DUP)	<3200	<3100	<3400	<1600	150000	150000	154.7
	5/30/2024	<3200	<3100	<3400	<1600	140000	140000	83
	9/9/2024	<3200	<3100	<3400	<1600	110000	110000	66
	9/9/2024 (DUP)	<3200	<3100	<3400	<1600	100000	100000	54



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		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-33	11/18/2009	<1	<1	<1	<1	<1	0	0.53
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	9.4	9.4	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/30/2012	<1	<1	<1	<1	<1	0	0.35
	3/26/2013	<1	<1	<1	<1	<1	0	0
	6/5/2013	<1	<1	<1	<1	<1	0	2.1
	9/9/2013	<1	<1	<1	<1	<1	0	0
	11/26/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	0	8.5
	6/24/2014	<1	<1	<1	<1	<1	0	0.23
	9/8/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	3.7
	4/1/2015	<1	<1	<1	<1	<1	0	0.92
	6/22/2015	<1	<1	<1	<1	<1	0	1.7
	9/9/2015	<1	<1	<1	<1	<1	0	0
	11/3/2015	<1	<1	<1	<1	<1	0	0
	3/16/2016	<1	<1	<1	<1	<1	0	0
	5/31/2016	<1	<1	<1	<1	<1	0	0.37
	9/12/2016	<1	<1	<1	<1	<1	0	0
	11/8/2016	<1	<1	<1	<1	<1	0	0
	3/28/2017	<1	<1	<1	<1	<1	0	0
	6/8/2017	<1	<1	<1	<1	<1	0	0.69
	8/15/2017	<1	<1	<1	<1	<1	0	0
	11/15/2017	<1	<1	<1	<1	<1	0	0
	3/13/2018	<1	<1	<1	<1	<1	0	0
	6/6/2018	<1	<1	<1	<1	<1	0	0
	8/28/2018	<1	<1	<1	<1	<1	3.1	0.31
	11/19/2018	<1	<1	<1	<1	<1	0	0
	3/14/2019	<1	<1	<1	<1	<1	0	0.42
	5/29/2019	<1	<1	<1	<1	<1	0	0
	9/10/2019	<1	<1	<1	<1	<1	0	0
	11/19/2019	<1	<1	<1	<1	<1	0	0
	3/16/2020	<1	<1	<1	<1	<1	0	0
	5/27/2020	<1	<1	<1	<1	<1	0	1.2
	8/12/2020	<1	<1	<1	<1	<1	0	1.46 J
	11/4/2020	<1	<1	<1	<1	<1	0	0
	11/4/2020 DUP	<1	<1	<1	<1	<1	0	0
	3/9/2021	<1	<1	<1	<1	<1	0	0.34J
	5/25/2021	<1	<1	<1	<1	<1	0	0
	8/9/2021	<1	<1	<1	<1	<1	0	0.53J
	11/9/2021	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	11/9/2021 DUP	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/16/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/16/2022 DUP	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	5/18/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	8/17/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	12/6/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	12/6/2022 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	2/2/2023	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	6/29/2023	<0.79	<0.78	<0.84	<0.41	<0.75	0	0.38 J
	6/29/2023 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	9/15/2023	<0.79	<0.78	<0.84	<0.41	0.89 J	0.89 J	0
	12/14/2023	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	12/14/2023 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/14/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0.29 J	0
	5/30/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	5/30/2024 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	9/9/2024	<1.6	<1.6	<1.7	<0.82	<1.5	0	0.74 BJ



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Buffalo, New York

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
MW-E05		Not Sampled						
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	0.56 J	110	110.56	0
	6/28/2012	<1	<1	<1	<1	51	51	0
	9/11/2012	<1	<1	<1	<1	9.8	9.8	0
	11/28/2012	<1	<1	<1	<1	3.9	3.9	0
	3/25/2013	<1	<1	<1	<1	9.3	9.3	0
	6/3/2013	<1	<1	<1	<1	6.3	6.3	0
	9/9/2013	<1	<1	<1	<1	18	18	0
	11/26/2013	<1	<1	<1	<1	2.7	2.7	0
	3/25/2014	<1	<1	<1	<1	3.1	3.1	0
	6/24/2014	<1	<1	<1	<1	17	17	0.22
	9/9/2014	<1	<1	<1	<1	1.4	1.4	0
	11/11/2014	<1	<1	<1	<1	3.2	3.2	4.5
	4/1/2015	<1	<1	<1	<1	<1	0	0.74
	6/23/2015	<1	<1	<1	<1	0.88 J	0.88	0
	9/9/2015	<1	<1	<1	1.2	860	861.2	0
	11/4/2015	<1	<1	<1	<1	<1	0	0.26
	3/16/2016	<1	<1	<1	<1	1.1	1.1	0.74
	5/31/2016	<1	<1	<1	<1	43	43	0.69
	9/13/2016	<1	<1	<1	<1	<1	3.1	0
	11/8/2016	<1	<1	<1	<1	<1	0	0
	3/28/2017	<1	<1	<1	<1	1.8	1.8	0
	6/8/2017	<1	<1	<1	<1	70	70	1
	8/15/2017	<1	<1	<1	<1	97	97	0
	11/13/2017	<1	<1	<1	<1	6.3	6.3	0.52
	3/13/2018	<1	<1	<1	<1	2.4	2.4	0
	6/7/2018	<1	<1	<1	<1	13	13	0
	8/28/2018	<1	<1	<1	<1	<1	3.6	0.36
	11/19/2018	<1	<1	<1	<1	4.3	4.3	0
	3/14/2019	<1	<1	<1	<1	2.1	2.1	0.39
	5/29/2019	<1	<1	<1	<1	17	17	0
	9/10/2019	<1	<1	<1	<1	1.0	1.0	0
	11/19/2019	<1	<1	<1	<1	4.4	4.4	0
	3/16/2020	<1	<1	<1	<1	0.9 J	0.9	0
	5/27/2020	<1	<1	<1	<1	12 J	12	0.46 BJ
	8/11/2020	<1	<1	<1	<1	<1	0	0.51 BJ
	11/5/2020	<1	<1	<1	<1	0.99J	0.99	0
	3/9/2021	<1	<1	<1	<1	<1	0	0.37J
	5/24/2021	<1	<1	<1	<1	5.7	5.7	0.6 BJ
	8/9/2021	<1	<1	<1	<1	14	14	1.1J
	11/9/2021	<0.79	<0.78	<0.84	<0.41	5.1	5.1	0.4 BJ
	3/16/2022	<0.79	<0.78	<0.84	<0.41	1.5	1.5	0
	5/18/2022	<0.79	<0.78	<0.84	<0.41	11	11	0
	5/18/2022 DUP	<0.79	<0.78	<0.84	<0.41	14	14	0
	8/17/2022	<0.79	<0.78	1.1	9.2	1600	1610.3	0
	12/6/2022	<0.79	<0.78	<0.84	<0.41	3	3	0
	2/2/2023	<0.79	<0.78	<0.84	<0.41	4	4	0
	2/2/2023 (DUP)	<0.79	<0.78	<0.84	<0.41	4.4	4.4	0
	6/29/2023	<0.79	<0.78	<0.84	1.2	170	171.2	0
	ORC-A Application - NO Sample Q3 2023							
	12/14/2023	<0.79	<0.78	<0.84	<0.41	1	1	0
	3/14/2024	<0.79	<0.78	<0.84	<0.41	3.8	3.8	0
	5/30/2024	<0.79	<0.78	<0.84	<0.41	1.3	1.3	0
	9/9/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0.62 BJ

** - Results compared to NYDEC Class GA water quality standards
J - Result is estimated; B - analyte detected in method blank and sample; F1 - MS and/or MSD recovery exceeded control limits.
VOC and SVOC results are shown in ug/L
Results from a field duplicate are shown in row beneath primary sample result.
Blue cells indicate groundwater monitoring events completed prior to the applicaion of ORC-A.



Table 1A
Groundwater Data Summary Metals
2022-2023 PRR
Buffalo Color Corporation Area E

		Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	
All Values Reported in mg/L		NA	0.003	0.025	1	0.003	0.005	NA	0.05	NA	0.2	0.3	0.025	35	0.3	0.0007	0.1	NA	0.01	0.05	20	0.0005	NA	2	
RFI-29	11/19/2018	-	-	0.014J	0.099	-	-	84	-	-	-	0.048J	0.0034J	14.2	0.066B	-	-	4.2	-	-	99.5	-	-	0.0036J	
	3/13/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5/29/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9/9/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4 J	-	-	
	11/19/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.020	<0.0050	<0.010
	3/16/2020	<0.20	<0.020	0.0099J	0.1	<0.0020	<0.0020	106	0.0012BJ	<0.0040	<0.010	0.66	<0.010	17.3	0.14B	<0.00020	0.0014BJ	3.6	<0.025	<0.0060	59.7	<0.020	<0.0050	0.0019J	
	5/27/2020	<0.20	<0.020	0.013J	0.12	<0.0020	<0.0020	102	<0.0040	<0.0040	<0.010	0.5	<0.010	16.5	0.15	<0.00020	<0.010	3.9B	<0.025	<0.0060	141	<0.020	<0.0050	<0.010	
	8/11/2020	<0.20	<0.020	0.01J	0.13	<0.0020	<0.0020	104	<0.0040	<0.0040	<0.010	0.11	<0.010	16.8	0.09B	<0.00020	<0.010	4.8	<0.025	<0.0060	107	<0.020	<0.0050	<0.010	
	11/4/2020	<0.20	<0.020	<0.015	0.1	<0.0020	<0.0020	81.9	0.0025J	<0.0040	<0.010	0.032J	0.0035J	13.4	0.062	<0.00020	0.0021J	4.7B	<0.025	<0.0060	111B	<0.020	<0.0050	<0.010	
	3/9/20201	<0.20	<0.020	<0.015	0.1	<0.0020	<0.0020	98.6	<0.0040	<0.0040	<0.010	0.14B	<0.010	15.8	0.11	<0.00020	0.0027J	3.8	<0.025	<0.0060	94.5	<0.020	<0.0050	<0.010	
	5/24/2021	<0.20	<0.020	0.0066J	0.11	<0.0020	<0.0020	107	<0.0040	<0.0040	<0.010	0.32	<0.010	17	0.13B	<0.00020	<0.010	4.1	<0.025	<0.0060	142	<0.020	<0.0050	<0.010	
	8/9/2021	<0.20	<0.020	0.0078 J	0.11	<0.0020	<0.0020	89.7	<0.0040	<0.0040	<0.010	0.13	<0.010	13.7	0.11 B	<0.00020	<0.010	4.3	<0.025	<0.0060	160	<0.020	<0.0050	<0.010	
	8/9/2021 DUP	<0.20	<0.020	0.0066 J	0.11	<0.0020	<0.0020	89.3	<0.0040	<0.0040	<0.010	0.11	<0.010	13.5	0.11 B	<0.00020	<0.010	4.3	<0.025	<0.0060	160	<0.020	<0.0050	<0.010	
	11/9/2021	<0.060	<0.0068	<0.0056	0.14	<0.00030	<0.00050	129	0.0012 J	<0.00063	<0.0016	0.12	<0.0030	20.7	0.11	<0.000043	0.002 J	5.1	<0.0087	<0.0017	102	<0.010	<0.0015	0.0018 J	
	3/16/2022	<0.060	<0.0068	<0.0056	0.074	<0.00030	<0.00050	253	<0.0010	<0.00063	<0.0016	2.1	<0.0030	38.5	0.38 B	<0.000043	0.0014 J	5.6	<0.0087	<0.0017	125	<0.010	<0.0015	<0.0015	
	5/18/2022	<0.060	<0.0068	0.0072 J	0.067	<0.00030	<0.00050	232	<0.0010	<0.00063	<0.0016	1.5	0.003 J	34.8	0.33	<0.000043	<0.0013	7.5	<0.0087	<0.0017	120	<0.010	<0.0015	<0.0015	
	8/17/2022	<0.060	<0.0068	<0.0056	0.075	<0.00030	<0.00050	196	<0.0010	<0.00063	0.0032 J	0.77	<0.0030	28.1	0.21 B	<0.000043	<0.0013	12 B	<0.0087	<0.0017	124 B	<0.010	<0.0015	0.016 B	
	12/6/2022	0.088 J	<0.0068	<0.0056	0.078	<0.00030	<0.00050	219	<0.0010	<0.00063	<0.0016	0.39 B	<0.0030	31.8	0.31 B	<0.000043	0.0014 J	12.3	<0.0087	<0.0017	137	<0.010	<0.0015	0.0021 J	
	2/2/2023	<0.060	<0.0068	<0.0056	0.061	<0.00030	<0.00050	180	0.0018 J	<0.00063	<0.0016	0.21	<0.0030	28	0.25 B	<0.000043	0.0045 J	9.8	<0.0087	<0.0017	130	<0.010	<0.0015	0.0044 J	
	6/29/2023	<0.060	<0.0068	<0.0056	0.04	<0.00030	<0.00050	124	<0.0010	<0.00063	<0.0016	0.086 B	<0.0030	18.2	0.11 B	<0.000043	0.0013 J	8.8	<0.0087	<0.0017	100	<0.010	<0.0015	<0.0015	
	ORC-A APPLICATION - NO SAMPLE COLLECTED Q3 2023																								
	12/14/2023	0.26	<0.0068	0.0057 J	0.035	<0.00030	<0.00050	72.7	<0.0010	<0.00063	<0.0016	0.22	<0.0030	9.2	0.084	<0.000043	0.0026 J	5.3	<0.0087	<0.0017	207	<0.010	0.0017 J	0.038	
	3/14/2024	<0.060	<0.0068	<0.0056	0.059	<0.00030	<0.00050	102	<0.0010	<0.00063	<0.0016	0.17	0.004 J	14.7	0.19	<0.000043	<0.0013	5.8	<0.0087	<0.0017	227	<0.010	<0.0015	<0.0015	
	5/30/2024	<0.060	<0.0068	<0.0056	0.069	<0.00030	<0.00050	122	<0.0010	0.00072 J	<0.0016	0.35	<0.0030	17.5	0.21	<0.000043	0.0016 J	6.5 B	<0.0087	<0.0017	198	<0.010	<0.0015	<0.0015	
9/9/2024	<0.060	<0.0068	<0.0056	0.061	<0.00030	<0.00050	73.1	<0.0010	<0.00063	<0.0016	0.2 F1	<0.0030	10.5 F1	0.15 BT	<0.000043	0.0016 J	5.3	<0.0087	<0.0017	291	<0.010	<0.0015	<0.0015		
RFI-32A	11/19/2018	-	-	0.0057J	0.032	-	0.00057J	340	-	0.0030J	-	1.9	-	120	1.9B	-	0.0082J	1.8	-	-	86.6	-	-	0.0046J	
	3/13/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5/29/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9/10/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/19/2019	-	<0.020	<0.015	0.026	<0.0020	0.00072J	318	0.0026J	0.0029J	0.0048BJ	2.6	<0.010	99.4	1.7	<0.00020	0.0081J	1.7	<0.025	<0.0060	82	<0.020	<0.0050	0.0025J	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.53 J	<0.0050	0.0025J	
	3/16/2020	0.11J	<0.020	<0.015	0.021	<0.0020	0.00072J	305	0.0014BJ	0.0031J	<0.010	1.7	<0.010	107	1.7B	<0.00020	0.0063BJ	1.4	<0.025	<0.0060	81	<0.020	<0.0050	0.0028J	
	5/27/2020	<0.20	<0.020	0.0057J	0.022	<0.0020	<0.0020	286	<0.0040	0.0026J	<0.010	2.1	<0.010	102	1.6	<0.00020	0.0054J	1.4B	<0.025	<0.0060	77.3	<0.020	<0.0050	0.0023BJ	
	8/11/2020	<0.20	<0.020	<0.015	0.02	<0.0020	<0.0020	248	<0.0040	0.0029J	0.002J	1.5	<0.010	90.1	1.5B	<0.00020	0.006J	1.3	<0.025	<0.0060	72.4	<0.020	<0.0050	<0.010	
	11/5/2020	<0.20	<0.020	<0.015	0.027	<0.0020	0.0007J	287	0.005	0.0025J	0.008J	0.31	0.0037J	97.2	1.5	<0.00020	0.011	1.7B	<0.025	<0.0060	84.2B	<0.020	<0.0050	0.0082J	
	3/9/20201	<0.20	<0.020	<0.015	0.02	<0.0020	0.00072J	247	<0.0040	0.0024J	<0.010	0.86B	<0.010	83.6	1.4	<0.00020	0.0061J	1.3	<0.025	<0.0060	74.1	<0.020	<0.0050	0.0038J	
	5/24/2021	<0.20	<0.020	<0.015	0.018	<0.0020	<0.0020	265	<0.0040	0.0018J	0.0023J	1.4B	<0.010	90.6	1.5B	<0.00020	0.0047J	1.1	<0.025	<0.0060	77.1	<0.020	<0.0050	<0.010	
	5/24/2021 DUP	0.060 J	<0.020	<0.015	0.018	<0.0020	<0.0020	261	<0.0040	0.0020 J	0.0068 J	1.3 B	<0.010	89.4	1.5B	<0.00020									



Table 1A
Groundwater Data Summary Metals
2022-2023 PRR
Buffalo Color Corporation Area E

All Values Reported in mg/L		Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Class GA Standard**		NA	0.003	0.025	1	0.003	0.005	NA	0.05	NA	0.2	0.3	0.025	35	0.3	0.0007	0.1	NA	0.01	0.05	20	0.0005	NA	2
RFI-33	11/19/2018	0.090J	-	-	0.051	-	-	86.4	0.0091	-	0.0051 J	0.16	0.0046J	133	1.4B	-	0.0037J	26.1	-	-	143	-	-	0.0071J
	3/14/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/29/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/10/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/19/2019	2.9	<0.020	<0.015	0.077	<0.0020	0.0011J	112	0.12	0.0019J	0.054B	3.7	0.016	24.2	0.27	<0.00020	0.068	1.6	<0.025	<0.0060	150	<0.020	0.0092	0.03
	3/16/2020	0.093J	<0.020	<0.015	0.063	<0.0020	0.00075J	106	0.0029BJ	0.0022J	0.0022J	0.6	<0.010	29.9	0.50B	<0.00020	0.050B	0.81	<0.025	<0.0060	189	<0.020	<0.0050	0.0070J
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1 J	<0.0050	0.0025J
	5/27/2020	<0.20	<0.020	<0.015	0.069	<0.0020	<0.0020	97.1	0.0042	0.0021J	0.0021J	0.97	<0.010	28.6	0.29	<0.00020	0.045	2.2B	<0.025	<0.0060	187	<0.020	<0.0050	0.014B
	8/12/2020	<0.20	<0.020	<0.015	0.074	<0.0020	<0.0020	101	<0.0040	0.0026J	0.002J	0.29	<0.010	30.6	0.31B	<0.00020	0.049	0.87	<0.025	<0.0060	212	<0.020	<0.0050	0.0044J
	11/4/2020	<0.20	<0.020	<0.015	0.076	<0.0020	0.00058J	110	0.0019J	<0.0040	0.0034J	<0.050	0.0035J	33.6	0.062	<0.00020	0.033	0.96B	<0.025	<0.0060	251B	<0.020	<0.0050	0.0039J
	11/4/2020 DUP	0.063 J	<0.020	<0.015	0.075	<0.0020	0.0007J	109	0.0021J	<0.0040	0.0024J	<0.050J	0.0039J	32.9	0.061	<0.00020	0.032	0.8	<0.025	<0.0060	247B	<0.020	<0.0050	0.0039J
	3/9/20201	0.085J	<0.020	<0.015	0.05	<0.0020	0.00056J	86.7	0.031	<0.0040	0.0066J	1.1B	<0.010	20.7	0.0083	<0.00020	0.13	0.72	<0.025	<0.0060	135	<0.020	<0.0050	0.007J
	5/24/2021	0.066J	<0.020	<0.015	0.057	<0.0020	0.00069J	89.5	0.32	0.0025J	0.0095J	0.66B	<0.010	19.5	0.15	<0.00020	0.094	2	<0.025	<0.0060	126	<0.020	0.0017J	0.0083J
	8/9/20201	<0.20	<0.020	<0.015	0.066	<0.0020	0.00063 J	133	0.048	0.0019 J	0.0076 J	0.16	<0.010	15	0.42 B	<0.00020	0.059	1.5	<0.025	<0.0060	68.6	<0.020	<0.0050	0.0055 J
	11/9/2021	0.32	<0.0068	<0.0056	0.082	<0.00030	<0.00050	154	0.014	<0.00063	0.0073 J	0.43	<0.0030	21.1	0.014	<0.000043	0.027	1.6	<0.0087	<0.0017	75	<0.010	0.0021 J	0.006 J
	11/9/2021 DUP	0.28	<0.0068	<0.0056	0.083	<0.00030	0.00059 J	156	0.016	<0.00063	0.008 J	0.48	<0.0030	21.1	0.015	<0.000043	0.028	1.6	<0.0087	<0.0017	76.4	<0.010	0.0024 J	0.0059 J
	3/16/2022	0.064 J	<0.0068	<0.0056	0.038	<0.00030	<0.00050	89.3	0.0061 B	<0.00063	0.0025 J	0.095	<0.0030	11.4	0.0036 B	<0.000043	0.0087 J	0.91	<0.0087	<0.0017	39.1 T	<0.010	0.0015 J	0.0034 BJ
	3/16/2022 DUP	<0.060	<0.0068	<0.0056	0.036	<0.00030	<0.00050	88.2	0.0081 B	<0.00063	0.0022 J	0.11	<0.0030	11.2	0.0038 B	<0.000043	0.0089 J	0.88	<0.0087	<0.0017	37.5	<0.010	0.0015 J	0.0026 BJ
	5/18/2022	0.19 J	<0.0068	<0.0056	0.057	<0.00030	<0.00050	115	0.009	<0.00063	0.0032 J	0.29	0.0041 J	16.1	0.0078	<0.000043	0.014	1.3	<0.0087	<0.0017	72.1	<0.010	0.0019 J	0.0075 J
	8/17/2022	3.6	<0.0068	<0.0056	0.076	<0.00030	0.00073 J	113	0.022	0.0021 J	0.025	3.6	0.011	13.4	0.26	<0.000043	0.042	2.6	<0.0087	<0.0017	64	<0.010	0.009	0.023
	12/6/2022	0.13 J	<0.0068	<0.0056	0.053	<0.00030	<0.00050	104	0.0093	<0.00063	0.0055 J	0.19 B	<0.0030	15	0.022 B	<0.000043	0.011	1.2	<0.0087	<0.0017	85.6	<0.010	0.0022 J	0.0041 J
	12/6/2022 DUP	0.078 J	<0.0068	<0.0056	0.05	<0.00030	<0.00050	101	0.0053	<0.00063	0.005 J	0.084 B	<0.0030	14.4	0.089 B	0.0001 J	0.0091 J	1.1	<0.0087	<0.0017	85.6	<0.010	0.0018 J	0.0029 J
	2/2/2023	<0.060	<0.0068	<0.0056	0.033	<0.00030	<0.00050	71.3	0.0029 J	<0.00063	0.0034 J	0.048 J	<0.0030	9.7	0.0064 B	<0.000043	0.0066 J	1.1	<0.0087	<0.0017	52.6	<0.010	<0.0015	0.0027 J
	6/29/2023	<0.060	<0.0068	<0.0056	0.052	<0.00030	<0.00050	88.5	0.001 J	<0.00063	0.0042 J	0.032 BJ	<0.0030	17.6 T	0.2 B	<0.000043	0.019	0.94	<0.0087	<0.0017	127	<0.010	0.0017 J	0.0033 J
	6/29/2023 DUP	<0.060	<0.0068	<0.0056	0.051	<0.00030	<0.00050	83.3	0.0014 J	<0.00063	0.0049 J	0.031 BJ	<0.0030	16.8	0.19 B	<0.000043	0.018	0.95	<0.0087	<0.0017	122	<0.010	<0.0015	0.0033 J
	9/15/2023	0.067 J	<0.0068	<0.0056	0.051	<0.00030	0.00077 J	108	0.0048	<0.00063	0.0083 J	0.13 B	<0.0030	12.2	0.79 B	<0.000043	0.018	1.1	<0.0087	<0.0017	36.6	<0.010	0.0028 J	0.0081 J
	12/14/2023	<0.060	<0.0068	<0.0056	0.034	<0.00030	<0.00050	88.8	0.0024 J	<0.00063	<0.0016	0.096	<0.0030	13.6	0.094	<0.000043	0.0069 J	0.86	<0.0087	0.0017 J	47	<0.010	<0.0015	0.0028 J
	12/14/2023 DUP	<0.060	<0.0068	<0.0056	0.036	<0.00030	<0.00050	83.6	0.0022 J	<0.00063	0.0039 J	0.072	<0.0030	13.6	0.064	0.000057 J	0.0071 J	0.85	<0.0087	<0.0017	46.8	<0.010	<0.0015	0.0027 J
	3/14/2024	<0.060	<0.0068	<0.0056	0.037	<0.00030	<0.00050	87.4	0.0088	<0.00063	0.0023 J	0.073	0.0052 J	14.5	0.026	<0.000043	0.0059	0.76	<0.0087	<0.0017	52.5	<0.010	<0.0015	0.0035 BJ
	5/30/2024	<0.060	<0.0068	<0.0056	0.042	<0.00030	<0.00050	85.5	<0.0010	<0.00063	0.0033 J	0.036 J	<0.0030	15.0	0.025	<0.000043	0.0090 J	0.80 B	<0.0087	<0.0017	68.1	<0.010	0.0015 J	0.0031 J
	5/30/2024 DUP	<0.060	<0.0068	<0.0056	0.042	<0.00030	<0.00050	86.5	0.0018 J	<0.00063	0.0034 J	0.048 J	<0.0030	15.1	0.026	<0.000043	0.0088 J	0.88 B	<0.0087	<0.0017	69.3	<0.010	0.0017 J	0.0034 J
	9/9/2024	0.090 JT	<0.0068	<0.0056	0.035	<0.00030	0.00081 J	80.2	0.0063	<0.00063	0.0061 J	0.15 T	<0.0030	7.2 T	0									



Table 1B
VOC/SVOC Non-Trend Groundwater Data Summary
2022-2023 PRR
Area E
Former Buffalo Color Corporation
Buffalo, New York

Well ID	Sample Date	Analyte:	2,4-DICHLOROPHENOL	2-CHLOROPHENOL	2,4-DINITROTOLUENE	2-Methylnaphthalene	ACENAPHTHENE	ANILINE (PHENYLAMINE, AMINO BENZENE)	ACETOPHENONE	4-CHLOROANILINE	4-METHYLPHENOL
		Class GA Standard (ug/L):	5	NA	5	NA	20	5	NA	5	NA
RFI-29	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/11/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2020		ND	ND	ND	ND	ND	0.75 J	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/24/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/2022		ND	ND	ND	ND	ND	1.5 J	ND	2.8 J	ND
	5/18/2022		ND	ND	ND	ND	ND	1.6 J	ND	9.5	ND
	8/17/2022		ND	ND	ND	ND	ND	1.4 J	ND	7.7	1.4 J
	12/6/2022		ND	ND	ND	ND	ND	ND	ND	5.4	ND
	2/2/2023		ND	ND	ND	ND	ND	ND	ND	3.9 J	ND
	6/29/2023		ND	ND	ND	ND	ND	ND	ND	3 J	ND
	12/14/2023		ND	ND	ND	ND	ND	0.89 J	ND	0.69 J	ND
	3/14/2024		ND	ND	ND	ND	ND	ND	ND	0.63 J	ND
	5/30/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND
RFI-32A	9/9/2024		ND	ND	ND	ND	ND	ND	ND	0.65 J	ND
	3/16/2020		ND	1.5 J	ND	ND	ND	ND	ND	ND	ND
	5/27/2020		ND	9.7	ND	ND	ND	ND	ND	ND	ND
	8/11/2020		ND	23	ND	ND	ND	ND	ND	ND	ND
	11/4/2020		ND	1.4 J	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	3.5 J	ND	ND	ND	ND	ND	ND	ND
	5/24/2021		ND	3.2 J	ND	ND	ND	ND	ND	ND	ND
	8/17/2022		1.8 J	500 (640)	ND	ND	ND	ND	2.1 J	ND	0.42 J
	12/6/2022		ND	190	ND	ND	ND	ND	ND	ND	ND
	2/2/2023		ND	210	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	78 J	ND	ND	ND	ND	ND	ND	ND
	9/15/2023		ND	99 J (86 J)	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		ND	140.0	ND	ND	ND	ND	ND	ND	ND
	3/14/2024		ND (ND)	130 F1 (150)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
	5/30/2024		ND	83.0	ND	ND	ND	ND	ND	ND	ND
RFI-33	9/9/24		ND	66 J	ND	ND	ND	ND	ND	ND	ND
	5/27/2020		ND	52 (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
	5/27/2020		ND	ND	ND	ND	ND	0.72 J	ND	ND	ND
	8/12/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
MW-E05	3/14/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/2024		ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
	9/9/24		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/11/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/24/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/9/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND



Table 1B
VOC/SVOC Non-Trend Groundwater Data Summary
2022-2023 PRR
Area E
Former Buffalo Color Corporation
Buffalo, New York

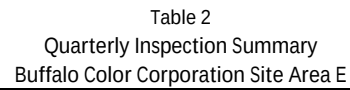
Well ID	Sample Date	Analyte:	PHENOL	2-METHYLPHENOL	ACENAPHTHYLENE	ANTHRACENE	BENZO(A) ANTHRACENE	BIPHENYL (DIPHENYL)	CARBAZOLE	DIBENZOFURAN	FLUORANTHENE	FLUORENE	NAPHTHALENE	PHENANTHRENE	PYRENE
		Class GA Standard (ug/L):	1	NA	NA	50	0.002	NA	NA	NA	50	50	10	50	50
RFI-29	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49 BJ	ND
	8/11/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/24/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/18/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/2/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	ND	ND	ND	0.37 J	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		0.45 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45 J
	3/14/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RFI-32A	5/30/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/9/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.46 BJ	ND
	8/11/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15 J	ND	ND
	5/24/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/2022		4.4 J (5.6)	0.63 J	ND	ND	ND	ND	ND	ND	ND	ND	4.4 J	ND	ND
	12/6/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/2/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/15/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RFI-33	3/14/2024		ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (4.7 J)	ND (ND)	ND (ND)
	5/30/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/9/2024		ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48 BJ	ND
	8/12/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	ND	ND	ND	0.38 J	ND	ND	ND	ND	ND	ND	ND	ND
MW-E05	12/14/2023		ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
	3/14/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/2024		ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
	9/9/24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.46 BJ	ND
	8/11/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/24/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/9/2021		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND



Table 1B
VOC/SVOC Non-Trend Groundwater Data Summary
2022-2023 PRR
Area E
Former Buffalo Color Corporation
Buffalo, New York

Well ID	Sample Date	Analyte:	ACETONE	2,4-DIMETHYLPHENOL	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	BENZYL BUTYL PHTHALATE	METHYLENE CHLORIDE	CARBON DISULFIDE	CAPTROLACTAM	TOLUENE	TRICHLOROETHYLENE	1,2,4-TRICHLOROBENZENE	CIS-1,2-DICHLOROETHYLENE	ETHYLBENZENE	TETRACHLOROETHYLENE	XYLENES
		Class GA Standard (ug/L):	50	50	50	50	NA	5	60	NA	5	5	5	5	5	5	5
RFI-29	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/11/2020		ND	0.62 J	0.27 J	0.46 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	0.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/24/2021		ND	ND	ND	0.53 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	0.4 J	ND	ND	1.7	2.3	ND	ND	ND	ND	ND	ND	ND
	3/16/2022		ND	ND	ND	ND	ND	1 J	3	ND	ND	ND	ND	ND	ND	ND	ND
	5/18/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/2/2023		ND	ND	ND	ND	ND	ND	0.4 J	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/2024		ND	ND	ND	ND	ND	ND	0.44 J	ND	ND	ND	ND	ND	ND	ND	ND
RFI-32A	9/9/2024		ND	ND	ND	0.69 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/11/2020		ND	0.77 J	ND	0.47 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	ND	ND	8.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/24/2021	6 J (5.9J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/2022		ND	ND	ND	ND	ND	ND	ND	2.2 J	390	73 J	ND	ND	ND	ND	ND
	12/6/2022		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/2/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	ND	ND	ND	ND	ND	ND	ND	72	28	1.9 J	11	23	5.4	23
	9/15/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/2024	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)
	5/30/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/9/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RFI-33	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/12/2020		ND	1.0 J	ND	0.46 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	0.34 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)
	3/14/2024		ND	ND	ND	ND	ND	ND	0.29 J	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/2024	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)	(ND)
MW-E05	9/924		ND	ND	ND	0.74 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/27/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/11/2020		ND	ND	ND	0.51 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/9/2021		ND	ND	ND	0.37 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/24/2021		ND	ND	ND	0.6 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/9/2021		ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/9/2021		ND	ND	ND	0.4 BJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/2023		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/2024		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
Only those VOC/SVOCs detected during at least one sampling event shown.
J = estimated value below method reporting limit. B = compound found in blank and sample.
Yellow highlighted cells indicate an exceedance of Class GA standard shown. If detected, results from a field duplicate are shown within a parenthetical of the primary sample results. Exceedances for sample with primary/duplicate are based on the higher of the two values.



Inventum Engineering, P.C.
T2_Qtrly Inspection Summary_2023-2024
Inspection(L)



Table 2
Quarterly Inspection Summary
Buffalo Color Corporation Site Area E

Pre-Inspection Data										Area E Cover System & Site-Wide Compliance Inspection												
Date	Associate(s)	NYSDEC Invitation Extended (Yes / No / List Attendees)	Weather				Site Conditions		Cover System (OK / Comment)							Site-Wide Compliance (OK / Comment)				Area E Additional Notes		
			Cloud Cover (Clear / Pt. Cloudy / Overcast)	Precipitation (None / Rain / Snow / Hail)	Lightning (Yes / No)	Wind (Calm / Moderate / Strong)	Temperature Range (+/- 10 Deg F Range)	Ground Surface (Dry / Damp / Wet)	Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)	Area E Soil Cover Integrity	Area E Grass / Vegetation	Area E Gravel Cover Integrity	Area E Outdoor Paved Areas	Area E Occupied Basement Slabs	Area E Storm Drainage System & Structures	Area E Groundwater Monitoring Program	Area E Site Records	Area E Active Site Permits	Area E O&M Schedule	Area E Institutional Site Use Restrictions		
Fri 3/29/2024	Taylor Kunzelman	No	Pt. Cloudy	None	No	Calm	42f	Damp	Low	OK	OK	OK	OK	None	OK	OK	OK	OK	OK	OK		
Tue 4/30/2024	Taylor Kunzelman	No	Overcast	None	No	Calm	55f	Damp	Low	See Notes	OK	OK	OK	None	OK	OK	OK	OK	OK	OK	Area around Medaille field house soil settling needs to be addressed.	
Fri 5/31/2024	Taylor Kunzelman	No	Clear	None	No	Calm	67f	Dry	Low	OK/ field house is being addressed	OK	OK	OK	None	OK	OK	OK	OK	OK	OK		
Fri 6/28/2024	Taylor Kunzelman	No	Clear	None	No	Calm	82f	Dry	Low	Area surrounding field house still needs addressing	OK	OK	OK	None	OK	OK	OK	OK	OK	OK	Area around field house to be addressed concurrent with Area A new system work.	
Mon 9/30/2024	Taylor Kunzelman	No	Clear	None	No	Calm	64f	Dry	Low	OK	OK	OK	OK	None	OK	OK	OK	OK	OK	None	Cover system repaired around clubhouse September 2024. No inspections were logged July and August while Area A GWTF upgrades being completed.	



Table 3
GW Measurement Logs
Buffalo Color Corporation Site Area E
BCP Site #C915232
Buffalo, NY

Sample Event Year	Sample Event Quarter	Well ID	Casing Elevation (ft. AMSL)	Comments	LNAPL	Water Level Measurement Date	Static Depth To Water (ft)	Groundwater Elevation (ft. AMSL)
2023	4Q	MW-E05	586.68		Not Present	11/28/2023	4.61	582.07
2023	4Q	RFI-29	585.69		Not Present	11/28/2023	6.43	579.26
2023	4Q	RFI-32AR	585.66		Not Present	11/28/2023	4.71	580.95
2023	4Q	RFI-33	583.17		Not Present	11/28/2023	3.37	579.80
2024	1Q	MW-E05	586.68		Not Present	2/8/2024	4.86	581.82
2024	1Q	RFI-29	585.69		Not Present	2/8/2024	6.81	578.88
2024	1Q	RFI-32AR	585.66		Not Present	2/8/2024	4.96	580.70
2024	1Q	RFI-33	583.17		Not Present	2/8/2024	3.76	579.41
2024	2Q	MW-E05	586.68		Not Present	6/11/2024	5.36	581.32
2024	2Q	RFI-29	585.69		Not Present	6/11/2024	6.91	578.78
2024	2Q	RFI-32AR	585.66		Not Present	6/11/2024	4.31	581.35
2024	2Q	RFI-33	583.17		Not Present	6/11/2024	3.27	579.90
2024	3Q	MW-E05	586.68		Not Present	9/9/2024	5.81	580.87
2024	3Q	RFI-29	585.69		Not Present	9/9/2024	7.21	578.48
2024	3Q	RFI-32AR	585.66		Not Present	9/9/2024	5.96	579.70
2024	3Q	RFI-33	583.17		Not Present	9/9/2024	1.47	581.70

Note: Monitoring well casing elevation based on September 2012 (MW-E05, RFI-29, RFI-33) and April 2023 (RFI-32AR) surveys.



Table 4
SSD System Communication Testing
Buffalo Color Corporation Site Area E
BCP Site #C915232
Buffalo, NY

P-1	
10/31/2023	-0.259
11/28/2023	-0.261
12/29/2023	-0.275
1/30/2024	-0.251
2/29/2024	-0.263
3/26/2024	-0.246
4/30/2024	-0.273
5/31/2024	-0.275
7/19/2024	-0.291
8/2/2024	-0.308
9/9/2024	-0.299

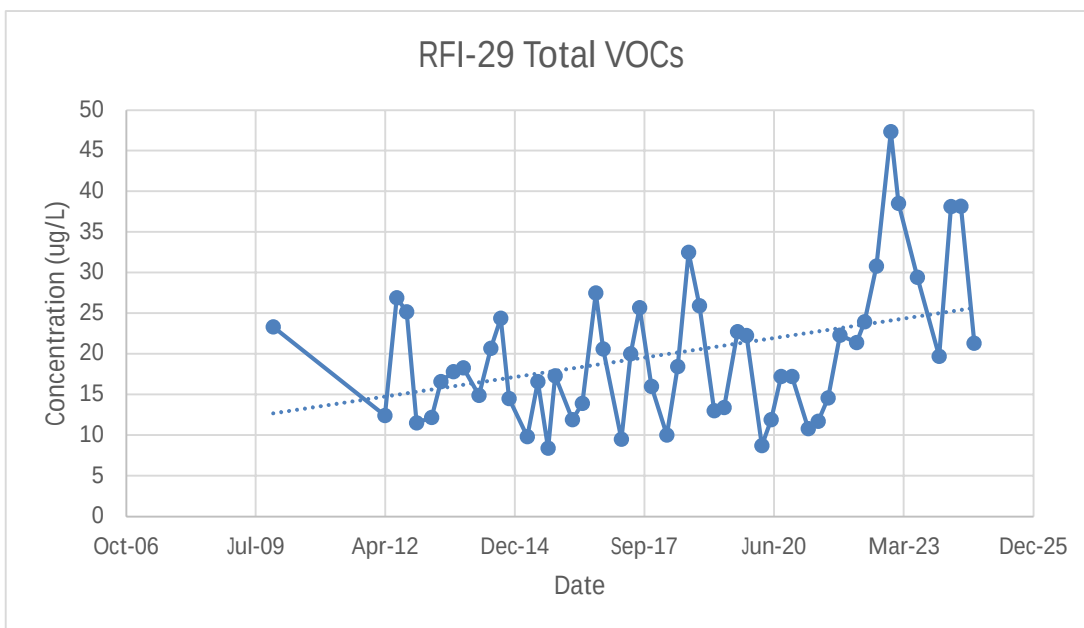
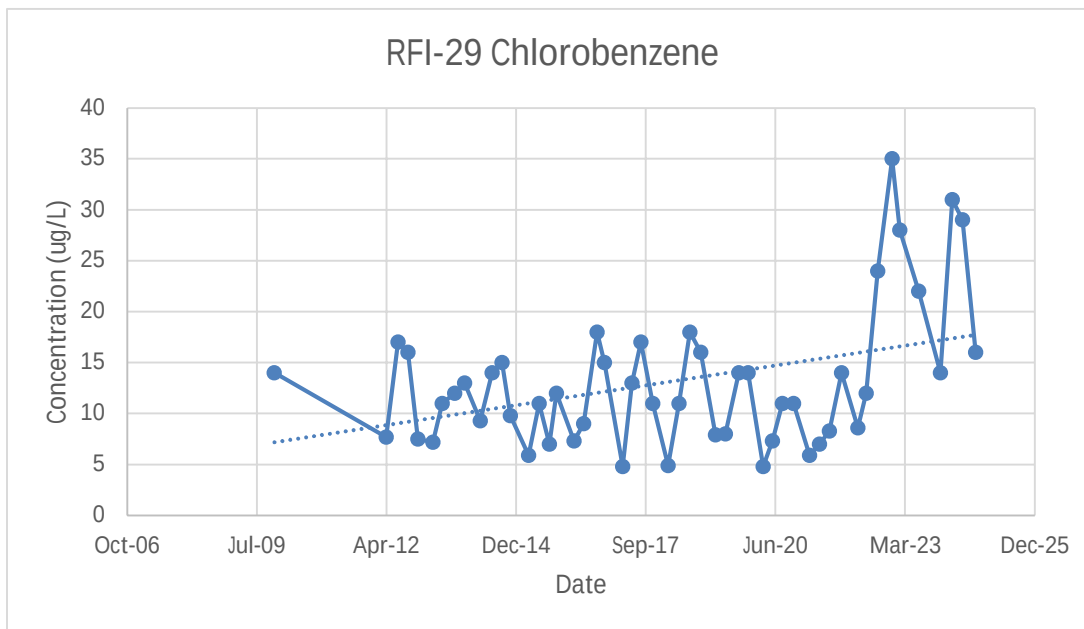
P-3	
10/31/2023	-0.307
11/28/2023	-0.345
12/29/2023	-0.348
1/30/2024	-0.304
2/29/2024	-0.317
3/26/2024	-0.291
4/30/2024	-0.322
5/31/2024	-0.318
7/19/2024	-0.339
8/2/2024	-0.369
9/9/2024	-0.340

P-2	
10/31/2023	-0.305
11/28/2023	-0.318
12/29/2023	-0.335
1/30/2024	-0.298
2/29/2024	-0.312
3/26/2024	-0.289
4/30/2024	-0.323
5/31/2024	-0.318
7/19/2024	-0.388
8/2/2024	-0.362
9/9/2024	-0.347

P-4	
10/31/2023	-0.203
11/28/2023	-0.241
12/29/2023	-0.221
1/30/2024	-0.191
2/29/2024	-0.267
3/26/2024	-0.191
4/30/2024	-0.212
5/31/2024	-0.219
7/19/2024	-0.234
8/2/2024	-0.256
9/9/2024	-0.241



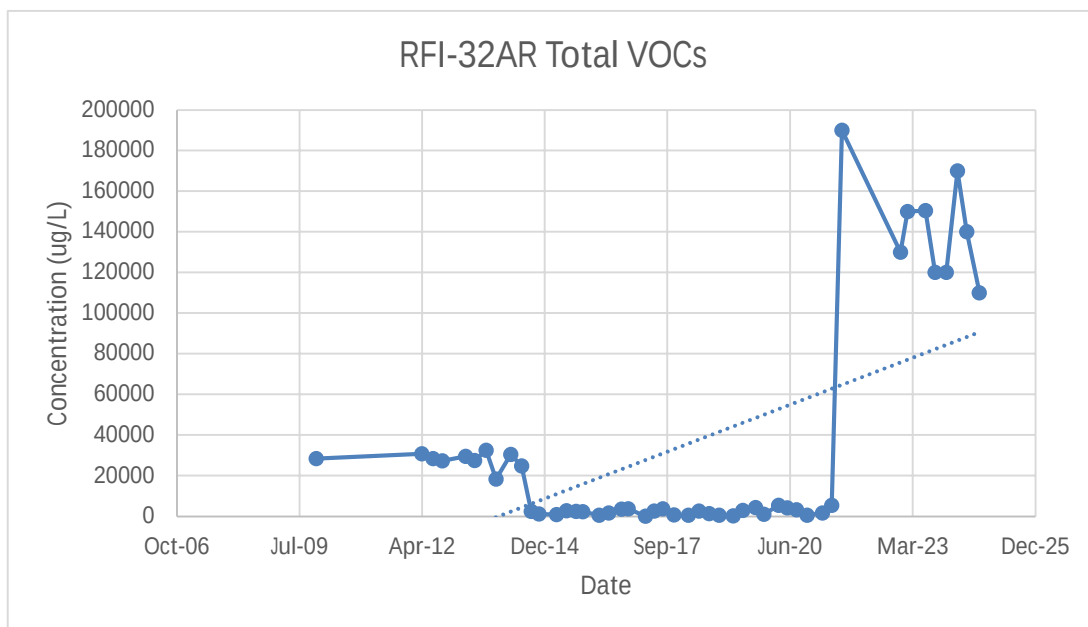
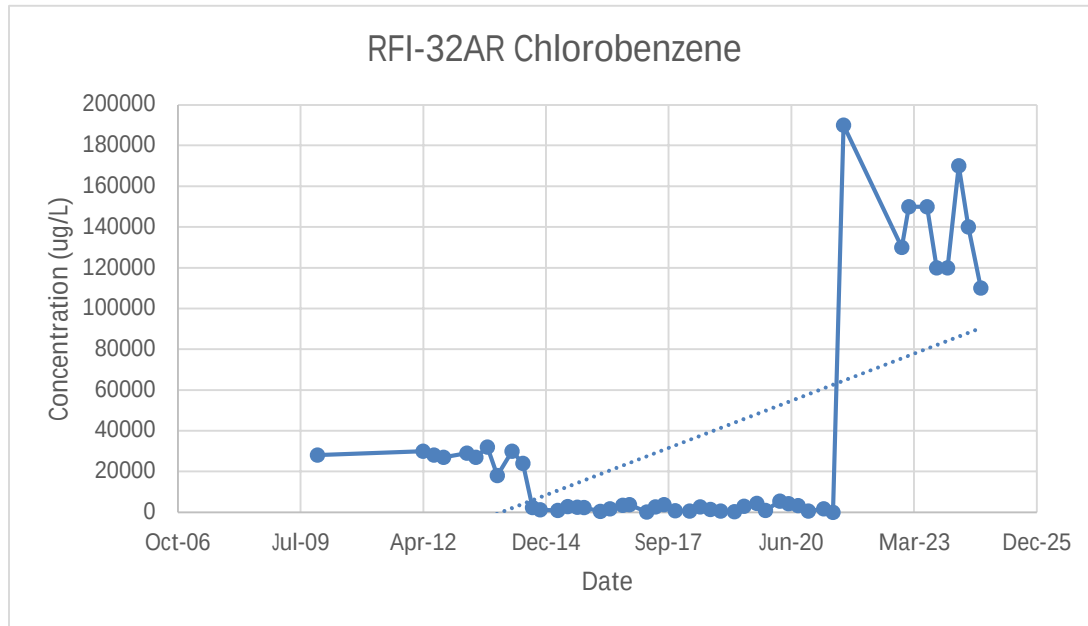
Table 5
Historical VOC Trends
Buffalo Color Corporation Area E Site
Buffalo, New York



Note: Higher value is graphed if duplicate collected. Non-detects graphed at one-half the reporting limit.



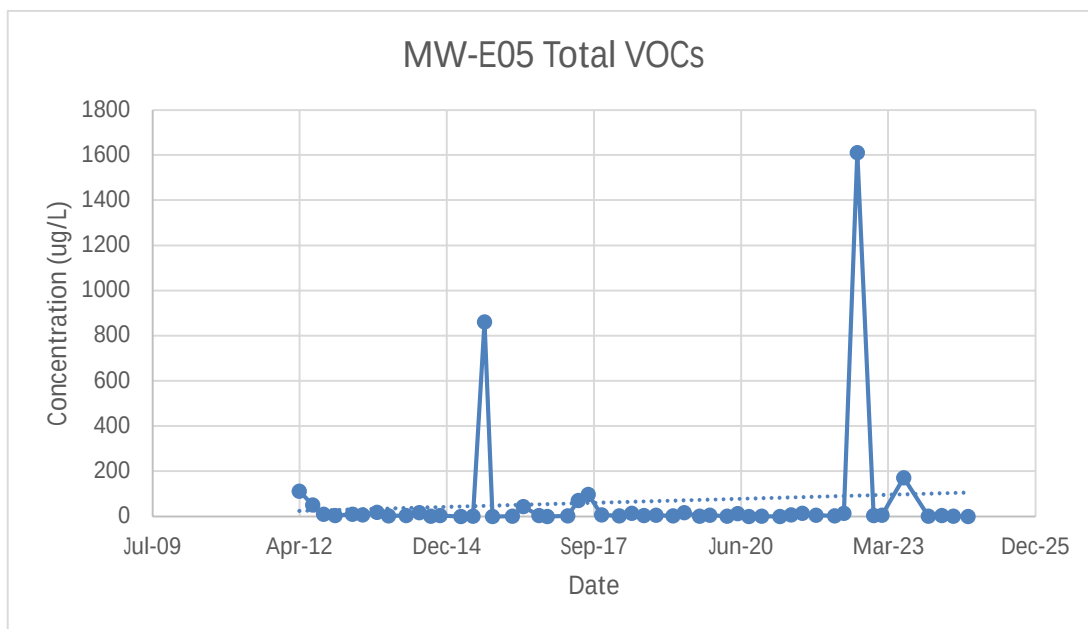
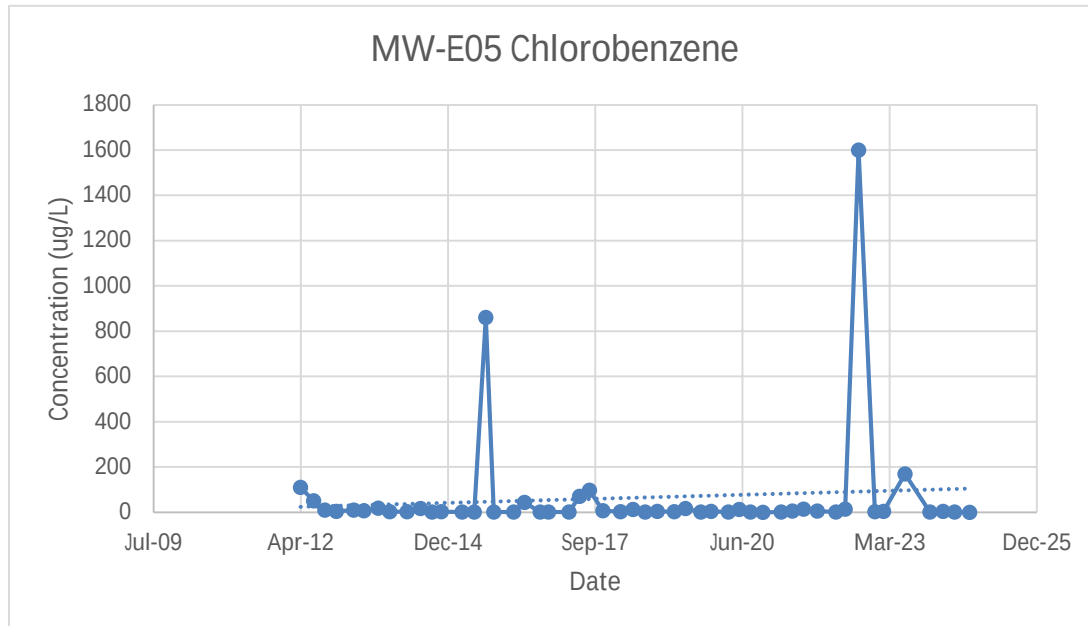
Table 5
Historical VOC Trends
Buffalo Color Corporation Area E Site
Buffalo, New York



Note: Higher value is graphed if duplicate collected. Non-detects graphed at one-half the reporting limit.



Table 5
Historical VOC Trends
Buffalo Color Corporation Area E Site
Buffalo, New York

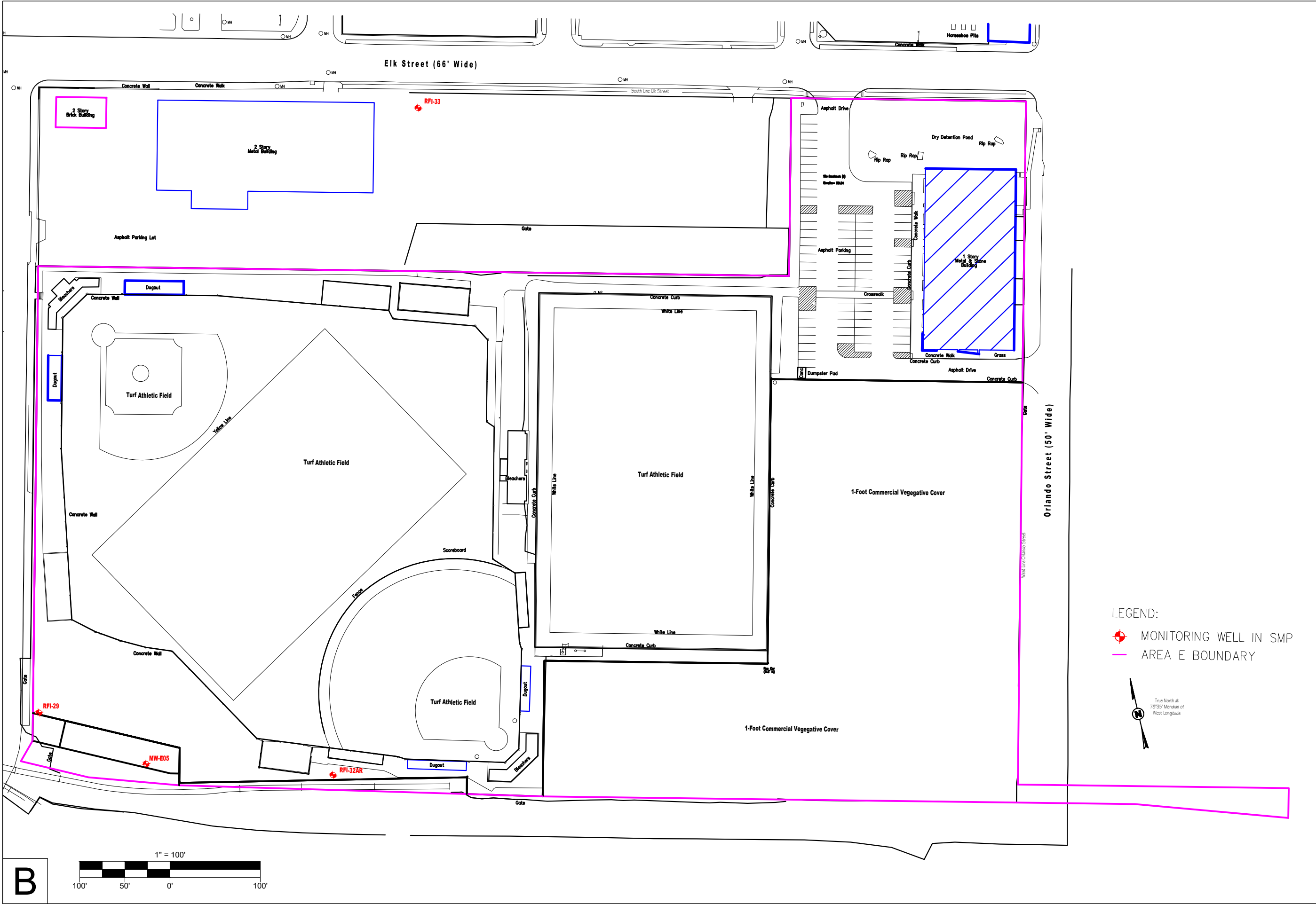


Note: Higher value is graphed if duplicate collected. Non-detects graphed at one-half the reporting limit.

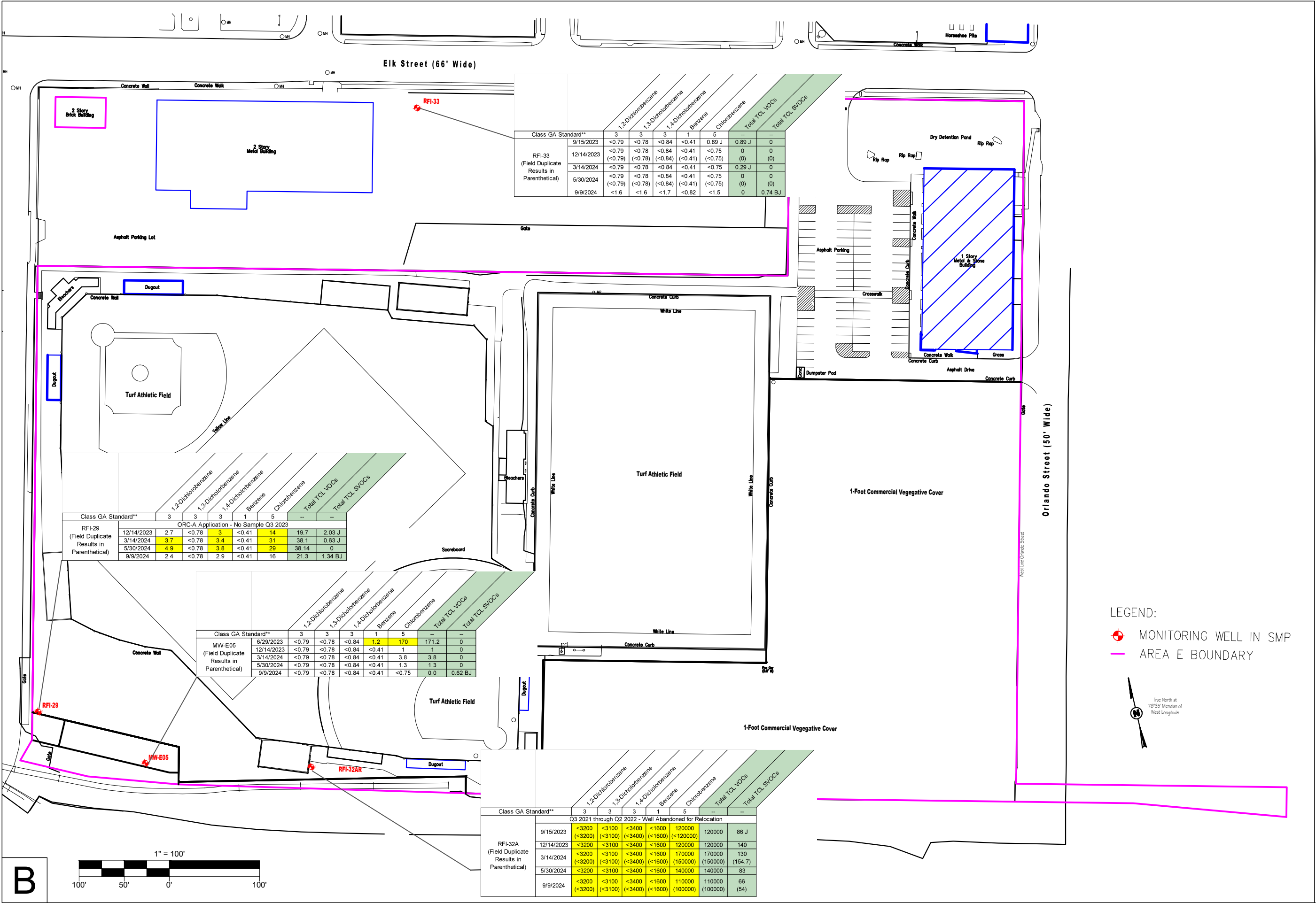
Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Figures





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SITE LAYOUT			
BUFFALO COLOR CORPORATION SITE AREA E 100 LEE STREET (F/K/A 85 LEE STREET) ET. AL. BUFFALO, NY			
INVENTUM ENGINEERING 441 CARLISLE DRIVE SUITE C HERNDON, VIRGINIA 20170			
FIGURE 1			
DRAWING NUMBER			



DRAWING BY
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GROUNDWATER DATA SUMMARY

BUFFALO COLOR CORPORATION
SITE AREA E

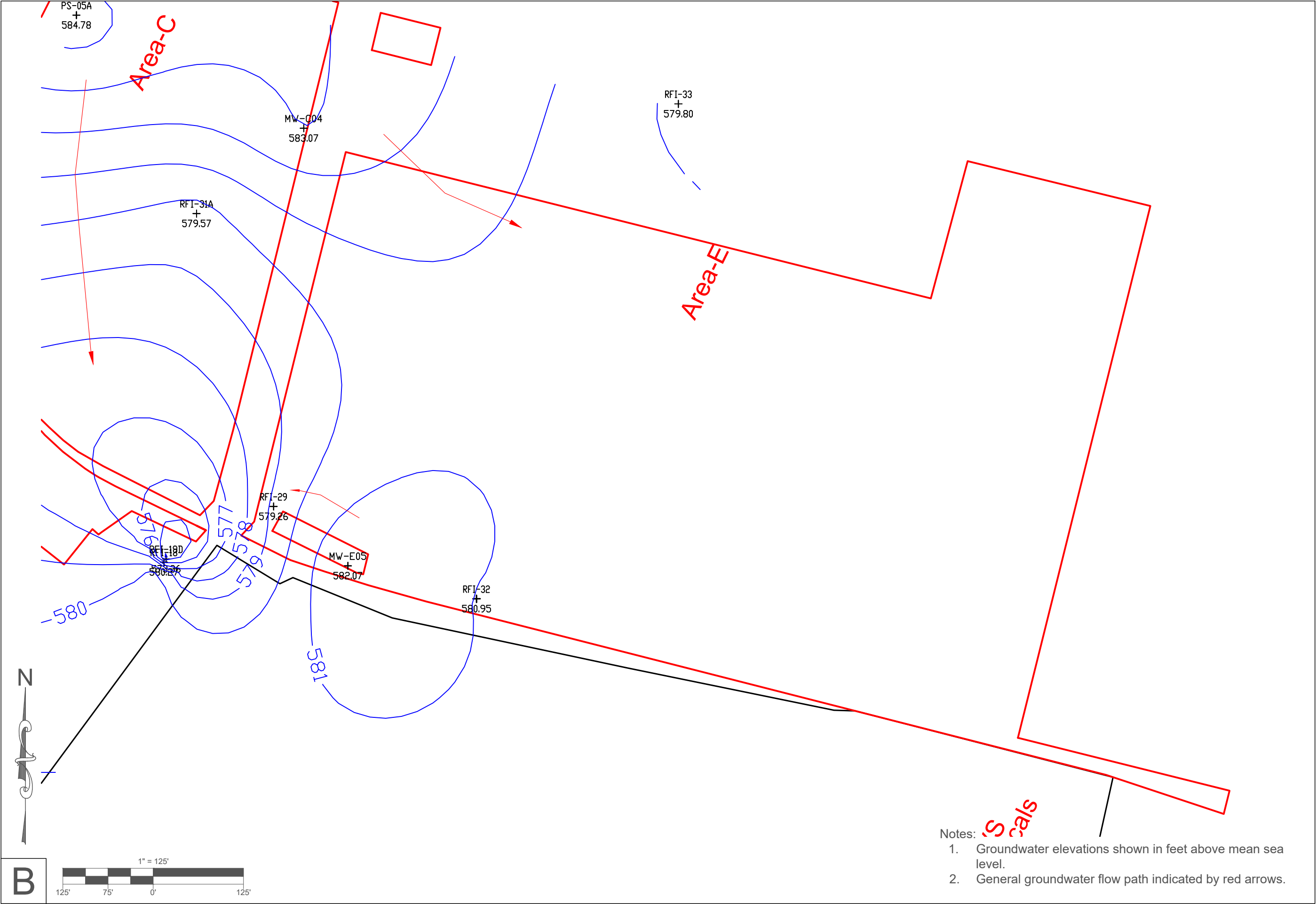
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

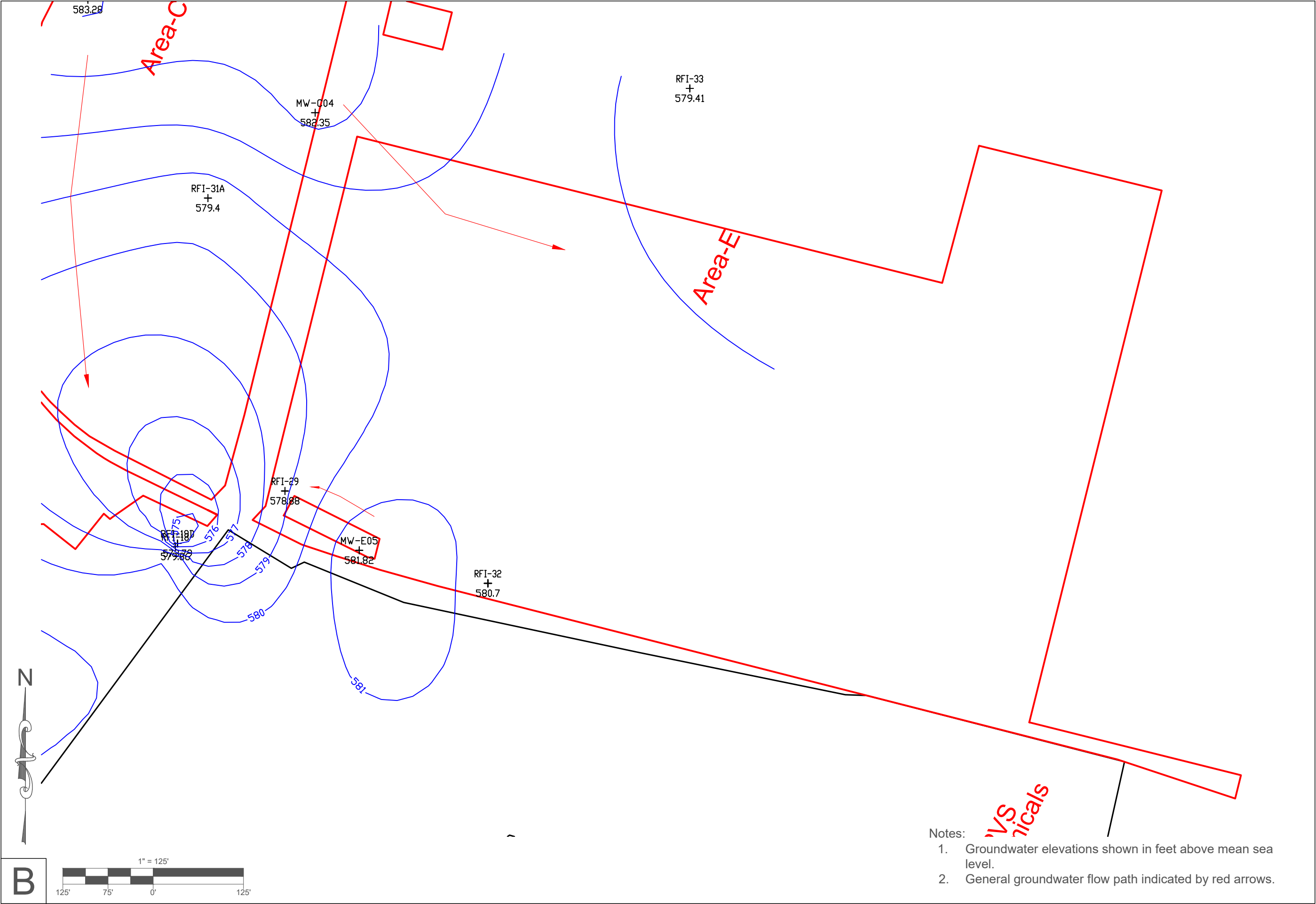
INVENTUM ENGINEERING

441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 2

DRAWING NUMBER





- Notes:
- Groundwater elevations shown in feet above mean sea level.
 - General groundwater flow path indicated by red arrows.

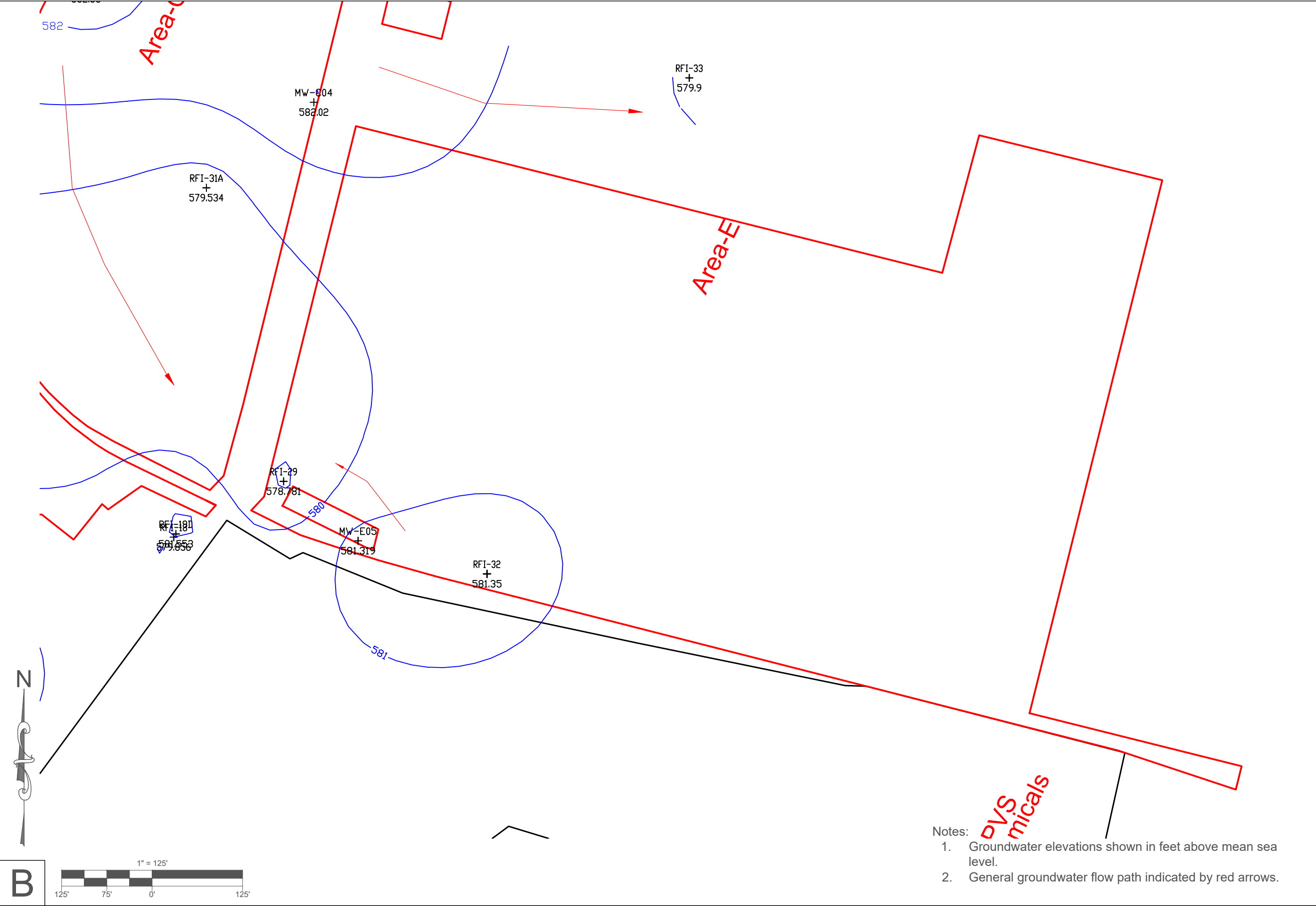
INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIRST QUARTER 2024
GROUNDWATER ELEVATION
CONTOURS
BUFFALO COLOR AREA-E

FIGURE 4

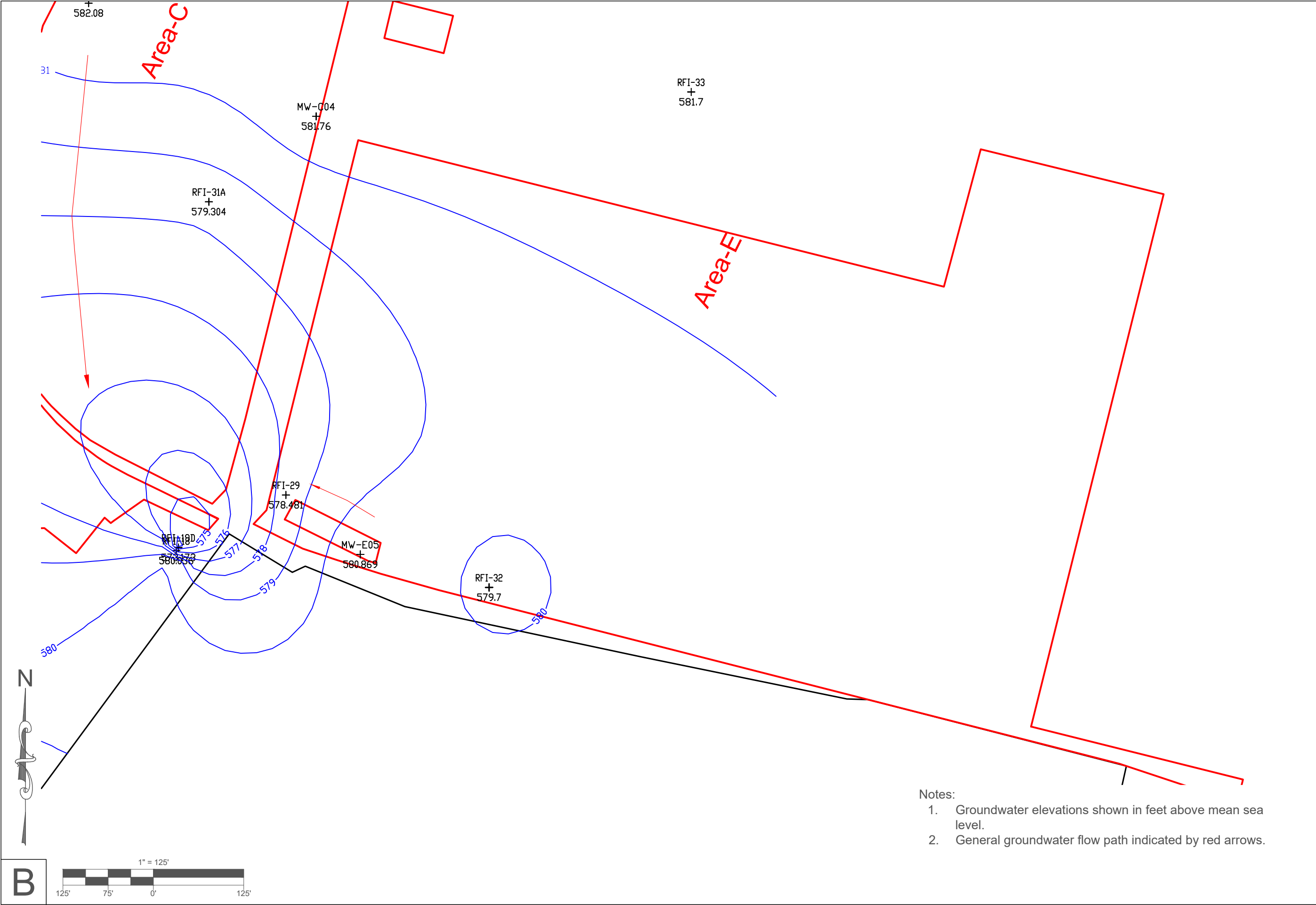
DRAWING NUMBER

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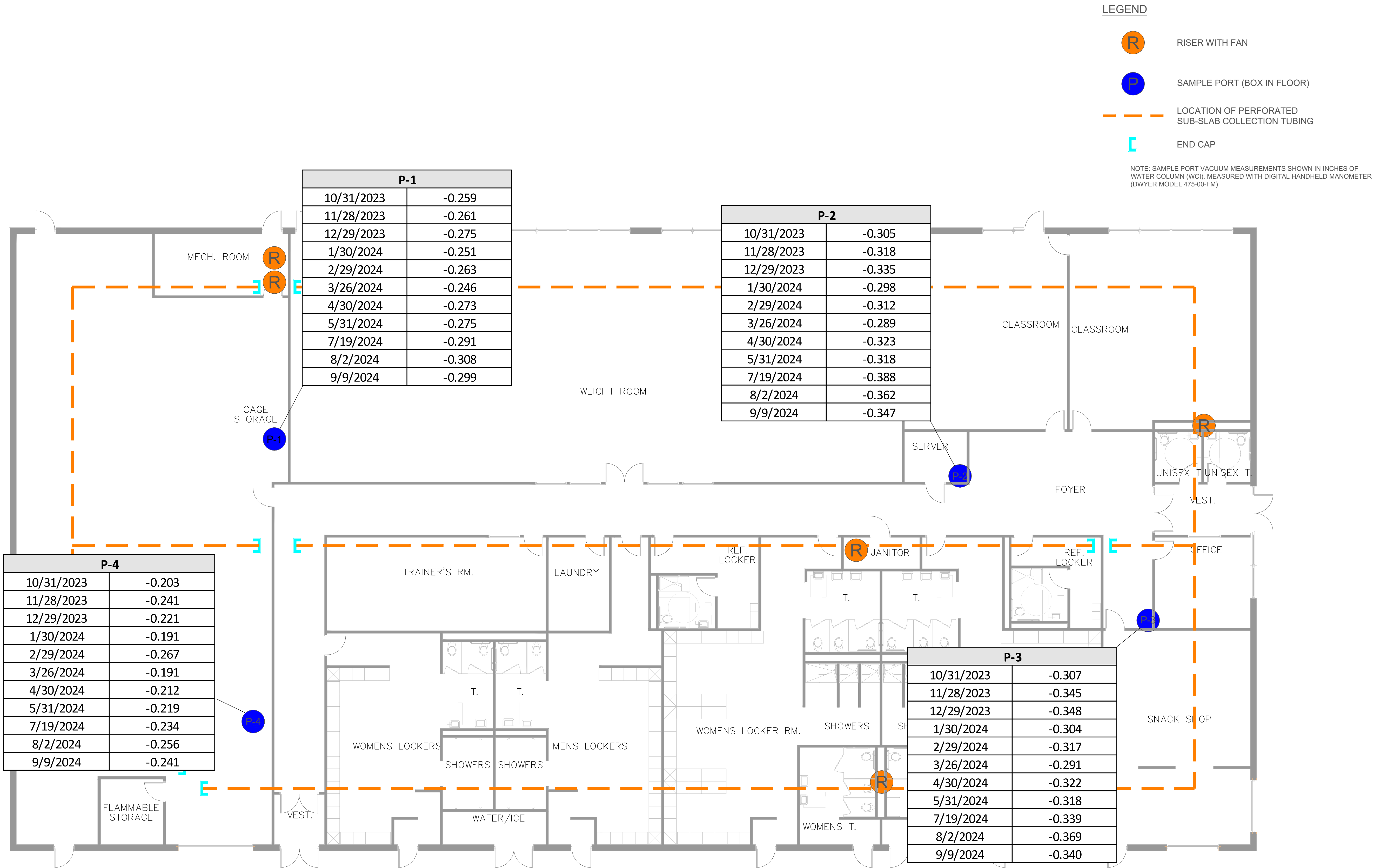
- Notes:
- Groundwater elevations shown in feet above mean sea level.
 - General groundwater flow path indicated by red arrows.

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PROPERTY OF INVENTUM ENGINEERING		
IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING.		
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FIGURE 5		
DRAWING NUMBER		



- Notes:
- 1. Groundwater elevations shown in feet above mean sea level.
 - 2. General groundwater flow path indicated by red arrows.

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THIRD QUARTER 2024 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA-E		
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FIGURE 6		
DRAWING NUMBER		



SUB-SLAB DEPRESSURIZATION
SYSTEM TESTING

BUFFALO COLOR COPORATION
AREA E
2022-2023 PRR

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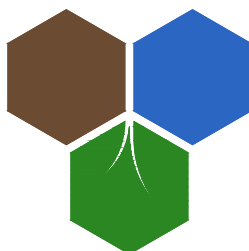


FIGURE 7

SCALE
1/8" = 1'

Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Appendices



Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Appendix A – Analytical Data



ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210

Generated 9/20/2024 3:22:23 PM

JOB DESCRIPTION

Buffalo Color Area E Wells
Buffalo Color Area E Wells

JOB NUMBER

480-223242-1

Eurofins Buffalo

Job Notes

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Definitions/Glossary

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

Job ID: 480-223242-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

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

Job ID: 480-223242-1

Job ID: 480-223242-1

Eurofins Buffalo

Job Narrative 480-223242-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/10/2024 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 14.4°C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-724679 recovered above the upper control limit for Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BCC Area E MW-E05 (480-223242-1) and BCC Area E RFI-29 (480-223242-2).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32A (480-223242-3) and BCC Area E FRI- 32A D (480-223242-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC Area E RFI-33 (480-223242-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-724769 recovered above the upper control limit for Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BCC Area E RFI-32A (480-223242-3), BCC Area E RFI-33 (480-223242-4), BCC Area E FRI- 32A D (480-223242-5) and TRIP BLANK (480-223242-6).

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-724769 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. The associated sample is impacted: BCC Area E RFI-32A MSD (480-223242-3[MSD]).

Method 8260C: The results reported for the following sample do not concur with results previously reported for this site: TRIP BLANK (480-223242-6). Reanalysis was performed, and the result(s) confirmed.

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

GC/MS Semi VOA

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: BCC Area E RFI-32A (480-223242-3), BCC Area E RFI-32A MS (480-223242-3[MS]), BCC Area E RFI-32A MSD (480-223242-3[MSD]) and BCC Area E FRI- 32A D (480-223242-5). Elevated reporting limits (RL) are provided.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area E RFI-32A MS (480-223242-3[MS]) and BCC Area E RFI-32A MSD (480-223242-3[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The following sample required a dilution due to the nature of the sample matrix: BCC Area E RFI-32A (480-223242-3). 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 8270D: The continuing calibration verification (CCV) associated with batch 480-724869 recovered outside acceptance

Eurofins Buffalo

Case Narrative

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

Job ID: 480-223242-1

Job ID: 480-223242-1 (Continued)

Eurofins Buffalo

criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

Metals

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

General Chemistry

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

Eurofins Buffalo

Detection Summary

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-223242-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.62	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.11	J ^5+	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.039		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.013		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	160		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.14		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.15	^5-	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.017		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	16.1	^5-	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0050	^5- B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.8		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.040		0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	80.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	2.0	^5- B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-223242-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.4		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	2.9		1.0	0.84	ug/L	1		8260C	Total/NA
Carbon disulfide	0.68	J	1.0	0.19	ug/L	1		8260C	Total/NA
Chlorobenzene	16		1.0	0.75	ug/L	1		8260C	Total/NA
4-Chloroaniline	0.65	J	5.0	0.59	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.69	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.061		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	73.1		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.20	^5-	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	10.5	^5-	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.15	^5- B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	291		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-223242-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	110000		4000	3000	ug/L	4000		8260C	Total/NA
2-Chlorophenol	66	J	100	11	ug/L	20		8270D	Total/NA
Arsenic	0.017		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	350		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0020	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	4.9	^5-	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	98.5	^5-	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75	^5- B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0048	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	140		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-223242-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.74	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.090	J ^5+	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00081	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	80.2		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0063		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0061	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.15	^5-	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	7.2	^5-	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.031	^5- B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0074	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.1		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0041	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0070	J ^5- B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E FRI- 32A D

Lab Sample ID: 480-223242-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	100000		4000	3000	ug/L	4000		8260C	Total/NA
2-Chlorophenol	52		25	2.7	ug/L	5		8270D	Total/NA
Di-n-butyl phthalate	2.0	J B	25	1.6	ug/L	5		8270D	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	353		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0020	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	5.0	^5-	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	99.3	^5-	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.76	^5- B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0052	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	141		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0015	J	0.0050	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223242-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.34	J	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: BCC Area E RFI - 32A

Lab Sample ID: 480-223242-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	775		150	45.0	mg/L	30		D516-90, 02	Total/NA
Total Organic Carbon	7.8		1.0	0.43	mg/L	1		SM 5310D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-223242-1

Date Collected: 09/09/24 11:25

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 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			09/11/24 15:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/11/24 15:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/11/24 15:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/11/24 15:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/11/24 15:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/11/24 15:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/11/24 15:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/11/24 15:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/11/24 15:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/11/24 15:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/11/24 15:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/11/24 15:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/11/24 15:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/11/24 15:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/11/24 15:25	1
2-Hexanone	ND		5.0	1.2	ug/L			09/11/24 15:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/11/24 15:25	1
Acetone	ND		10	3.0	ug/L			09/11/24 15:25	1
Benzene	ND		1.0	0.41	ug/L			09/11/24 15:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/11/24 15:25	1
Bromoform	ND		1.0	0.26	ug/L			09/11/24 15:25	1
Bromomethane	ND		1.0	0.69	ug/L			09/11/24 15:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/11/24 15:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/11/24 15:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/11/24 15:25	1
Chloroethane	ND		1.0	0.32	ug/L			09/11/24 15:25	1
Chloroform	ND		1.0	0.34	ug/L			09/11/24 15:25	1
Chloromethane	ND		1.0	0.35	ug/L			09/11/24 15:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/11/24 15:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/11/24 15:25	1
Cyclohexane	ND		1.0	0.18	ug/L			09/11/24 15:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/11/24 15:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/11/24 15:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/11/24 15:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/11/24 15:25	1
Methyl acetate	ND		2.5	1.3	ug/L			09/11/24 15:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/11/24 15:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/11/24 15:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/11/24 15:25	1
Styrene	ND		1.0	0.73	ug/L			09/11/24 15:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/11/24 15:25	1
Toluene	ND		1.0	0.51	ug/L			09/11/24 15:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/11/24 15:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/11/24 15:25	1
Trichloroethene	ND		1.0	0.46	ug/L			09/11/24 15:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/11/24 15:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/11/24 15:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/11/24 15:25	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-223242-1

Date Collected: 09/09/24 11:25

Matrix: Ground Water

Date Received: 09/10/24 15:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		09/11/24 15:25	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/11/24 15:25	1
Toluene-d8 (Surr)	98		80 - 120		09/11/24 15:25	1
Dibromofluoromethane (Surr)	95		75 - 123		09/11/24 15:25	1

Method: SW846 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		09/11/24 13:02	09/12/24 14:33	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/11/24 13:02	09/12/24 14:33	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 14:33	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/11/24 13:02	09/12/24 14:33	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 14:33	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 14:33	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 14:33	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 14:33	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/11/24 13:02	09/12/24 14:33	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/11/24 13:02	09/12/24 14:33	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 14:33	1
2-Nitroaniline	ND		10	0.42	ug/L		09/11/24 13:02	09/12/24 14:33	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/11/24 13:02	09/12/24 14:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 14:33	1
3-Nitroaniline	ND		10	0.48	ug/L		09/11/24 13:02	09/12/24 14:33	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 14:33	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 14:33	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 14:33	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 14:33	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 14:33	1
4-Methylphenol	ND		10	0.36	ug/L		09/11/24 13:02	09/12/24 14:33	1
4-Nitroaniline	ND		10	0.25	ug/L		09/11/24 13:02	09/12/24 14:33	1
4-Nitrophenol	ND		10	1.5	ug/L		09/11/24 13:02	09/12/24 14:33	1
Acenaphthene	ND		5.0	0.41	ug/L		09/11/24 13:02	09/12/24 14:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/11/24 13:02	09/12/24 14:33	1
Acetophenone	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 14:33	1
Aniline	ND		10	0.61	ug/L		09/11/24 13:02	09/12/24 14:33	1
Anthracene	ND		5.0	0.28	ug/L		09/11/24 13:02	09/12/24 14:33	1
Atrazine	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 14:33	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/11/24 13:02	09/12/24 14:33	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 14:33	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 14:33	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 14:33	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 14:33	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/11/24 13:02	09/12/24 14:33	1
Biphenyl	ND		5.0	0.65	ug/L		09/11/24 13:02	09/12/24 14:33	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/11/24 13:02	09/12/24 14:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 14:33	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 14:33	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 14:33	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/11/24 13:02	09/12/24 14:33	1
Caprolactam	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 14:33	1
Carbazole	ND		5.0	0.30	ug/L		09/11/24 13:02	09/12/24 14:33	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-223242-1

Date Collected: 09/09/24 11:25

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		09/11/24 13:02	09/12/24 14:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/11/24 13:02	09/12/24 14:33	1
Dibenzofuran	ND		10	0.51	ug/L		09/11/24 13:02	09/12/24 14:33	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/11/24 13:02	09/12/24 14:33	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 14:33	1
Di-n-butyl phthalate	0.62	J B	5.0	0.31	ug/L		09/11/24 13:02	09/12/24 14:33	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 14:33	1
Fluoranthene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 14:33	1
Fluorene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 14:33	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 14:33	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/11/24 13:02	09/12/24 14:33	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 14:33	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 14:33	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 14:33	1
Isophorone	ND		5.0	0.43	ug/L		09/11/24 13:02	09/12/24 14:33	1
Naphthalene	ND		5.0	0.76	ug/L		09/11/24 13:02	09/12/24 14:33	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/11/24 13:02	09/12/24 14:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 14:33	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 14:33	1
Pentachlorophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 14:33	1
Phenanthrene	ND		5.0	0.44	ug/L		09/11/24 13:02	09/12/24 14:33	1
Phenol	ND		5.0	0.39	ug/L		09/11/24 13:02	09/12/24 14:33	1
Pyrene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		25 - 144	09/11/24 13:02	09/12/24 14:33	1
2-Fluorobiphenyl	80		53 - 126	09/11/24 13:02	09/12/24 14:33	1
2-Fluorophenol	58		24 - 120	09/11/24 13:02	09/12/24 14:33	1
Nitrobenzene-d5	68		29 - 129	09/11/24 13:02	09/12/24 14:33	1
Phenol-d5	40		10 - 120	09/11/24 13:02	09/12/24 14:33	1
p-Terphenyl-d14	66		33 - 132	09/11/24 13:02	09/12/24 14:33	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.11	J ^5+	0.20	0.060	mg/L		09/12/24 08:42	09/17/24 22:40	1
Antimony	ND		0.020	0.0068	mg/L		09/12/24 08:42	09/17/24 22:40	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/24 08:42	09/17/24 22:40	1
Barium	0.039		0.0020	0.00070	mg/L		09/12/24 08:42	09/17/24 22:40	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/24 08:42	09/17/24 22:40	1
Cadmium	0.013		0.0020	0.00050	mg/L		09/12/24 08:42	09/17/24 22:40	1
Calcium	160		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:40	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/24 08:42	09/17/24 22:40	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/24 08:42	09/17/24 22:40	1
Copper	0.14		0.010	0.0016	mg/L		09/12/24 08:42	09/17/24 22:40	1
Iron	0.15	^5-	0.050	0.019	mg/L		09/12/24 08:42	09/17/24 22:40	1
Lead	0.017		0.010	0.0030	mg/L		09/12/24 08:42	09/18/24 16:02	1
Magnesium	16.1	^5-	0.20	0.043	mg/L		09/12/24 08:42	09/17/24 22:40	1
Manganese	0.0050	^5- B	0.0030	0.00040	mg/L		09/12/24 08:42	09/17/24 22:40	1
Nickel	0.011		0.010	0.0013	mg/L		09/12/24 08:42	09/17/24 22:40	1
Potassium	7.8		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:40	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-223242-1

Date Collected: 09/09/24 11:25

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.040		0.025	0.0087	mg/L		09/12/24 08:42	09/17/24 22:40	1
Silver	ND	^5-	0.0060	0.0017	mg/L		09/12/24 08:42	09/17/24 22:40	1
Sodium	80.5		1.0	0.32	mg/L		09/12/24 08:42	09/17/24 22:40	1
Thallium	ND		0.020	0.010	mg/L		09/12/24 08:42	09/17/24 22:40	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/24 08:42	09/17/24 22:40	1
Zinc	2.0	^5- B	0.010	0.0015	mg/L		09/12/24 08:42	09/17/24 22:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/12/24 10:53	09/12/24 14:20	1

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-223242-2

Date Collected: 09/09/24 12:30

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 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			09/11/24 15:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/11/24 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/11/24 15:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/11/24 15:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/11/24 15:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/11/24 15:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/11/24 15:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/11/24 15:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/11/24 15:48	1
1,2-Dichlorobenzene	2.4		1.0	0.79	ug/L			09/11/24 15:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/11/24 15:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/11/24 15:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/11/24 15:48	1
1,4-Dichlorobenzene	2.9		1.0	0.84	ug/L			09/11/24 15:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/11/24 15:48	1
2-Hexanone	ND		5.0	1.2	ug/L			09/11/24 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/11/24 15:48	1
Acetone	ND		10	3.0	ug/L			09/11/24 15:48	1
Benzene	ND		1.0	0.41	ug/L			09/11/24 15:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/11/24 15:48	1
Bromoform	ND		1.0	0.26	ug/L			09/11/24 15:48	1
Bromomethane	ND		1.0	0.69	ug/L			09/11/24 15:48	1
Carbon disulfide	0.68 J		1.0	0.19	ug/L			09/11/24 15:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/11/24 15:48	1
Chlorobenzene	16		1.0	0.75	ug/L			09/11/24 15:48	1
Chloroethane	ND		1.0	0.32	ug/L			09/11/24 15:48	1
Chloroform	ND		1.0	0.34	ug/L			09/11/24 15:48	1
Chloromethane	ND		1.0	0.35	ug/L			09/11/24 15:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/11/24 15:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/11/24 15:48	1
Cyclohexane	ND		1.0	0.18	ug/L			09/11/24 15:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/11/24 15:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/11/24 15:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/11/24 15:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/11/24 15:48	1
Methyl acetate	ND		2.5	1.3	ug/L			09/11/24 15:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/11/24 15:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/11/24 15:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/11/24 15:48	1
Styrene	ND		1.0	0.73	ug/L			09/11/24 15:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/11/24 15:48	1
Toluene	ND		1.0	0.51	ug/L			09/11/24 15:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/11/24 15:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/11/24 15:48	1
Trichloroethene	ND		1.0	0.46	ug/L			09/11/24 15:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/11/24 15:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/11/24 15:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/11/24 15:48	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-223242-2

Date Collected: 09/09/24 12:30

Matrix: Ground Water

Date Received: 09/10/24 15:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/11/24 15:48	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/11/24 15:48	1
Toluene-d8 (Surr)	97		80 - 120		09/11/24 15:48	1
Dibromofluoromethane (Surr)	97		75 - 123		09/11/24 15:48	1

Method: SW846 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		09/11/24 13:02	09/12/24 15:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/11/24 13:02	09/12/24 15:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 15:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/11/24 13:02	09/12/24 15:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 15:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 15:01	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 15:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/11/24 13:02	09/12/24 15:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/11/24 13:02	09/12/24 15:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:01	1
2-Nitroaniline	ND		10	0.42	ug/L		09/11/24 13:02	09/12/24 15:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/11/24 13:02	09/12/24 15:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:01	1
3-Nitroaniline	ND		10	0.48	ug/L		09/11/24 13:02	09/12/24 15:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 15:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 15:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 15:01	1
4-Chloroaniline	0.65	J	5.0	0.59	ug/L		09/11/24 13:02	09/12/24 15:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 15:01	1
4-Methylphenol	ND		10	0.36	ug/L		09/11/24 13:02	09/12/24 15:01	1
4-Nitroaniline	ND		10	0.25	ug/L		09/11/24 13:02	09/12/24 15:01	1
4-Nitrophenol	ND		10	1.5	ug/L		09/11/24 13:02	09/12/24 15:01	1
Acenaphthene	ND		5.0	0.41	ug/L		09/11/24 13:02	09/12/24 15:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/11/24 13:02	09/12/24 15:01	1
Acetophenone	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 15:01	1
Aniline	ND		10	0.61	ug/L		09/11/24 13:02	09/12/24 15:01	1
Anthracene	ND		5.0	0.28	ug/L		09/11/24 13:02	09/12/24 15:01	1
Atrazine	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 15:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/11/24 13:02	09/12/24 15:01	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 15:01	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 15:01	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 15:01	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 15:01	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/11/24 13:02	09/12/24 15:01	1
Biphenyl	ND		5.0	0.65	ug/L		09/11/24 13:02	09/12/24 15:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/11/24 13:02	09/12/24 15:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 15:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 15:01	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/11/24 13:02	09/12/24 15:01	1
Caprolactam	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 15:01	1
Carbazole	ND		5.0	0.30	ug/L		09/11/24 13:02	09/12/24 15:01	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-223242-2

Date Collected: 09/09/24 12:30

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		09/11/24 13:02	09/12/24 15:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/11/24 13:02	09/12/24 15:01	1
Dibenzofuran	ND		10	0.51	ug/L		09/11/24 13:02	09/12/24 15:01	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/11/24 13:02	09/12/24 15:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 15:01	1
Di-n-butyl phthalate	0.69	J B	5.0	0.31	ug/L		09/11/24 13:02	09/12/24 15:01	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 15:01	1
Fluoranthene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:01	1
Fluorene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 15:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 15:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/11/24 13:02	09/12/24 15:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 15:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 15:01	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 15:01	1
Isophorone	ND		5.0	0.43	ug/L		09/11/24 13:02	09/12/24 15:01	1
Naphthalene	ND		5.0	0.76	ug/L		09/11/24 13:02	09/12/24 15:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/11/24 13:02	09/12/24 15:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 15:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 15:01	1
Pentachlorophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 15:01	1
Phenanthrene	ND		5.0	0.44	ug/L		09/11/24 13:02	09/12/24 15:01	1
Phenol	ND		5.0	0.39	ug/L		09/11/24 13:02	09/12/24 15:01	1
Pyrene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		25 - 144	09/11/24 13:02	09/12/24 15:01	1
2-Fluorobiphenyl	68		53 - 126	09/11/24 13:02	09/12/24 15:01	1
2-Fluorophenol	51		24 - 120	09/11/24 13:02	09/12/24 15:01	1
Nitrobenzene-d5	62		29 - 129	09/11/24 13:02	09/12/24 15:01	1
Phenol-d5	34		10 - 120	09/11/24 13:02	09/12/24 15:01	1
p-Terphenyl-d14	66		33 - 132	09/11/24 13:02	09/12/24 15:01	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	^5+	0.20	0.060	mg/L		09/12/24 08:42	09/17/24 22:42	1
Antimony	ND		0.020	0.0068	mg/L		09/12/24 08:42	09/17/24 22:42	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/24 08:42	09/17/24 22:42	1
Barium	0.061		0.0020	0.00070	mg/L		09/12/24 08:42	09/17/24 22:42	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/24 08:42	09/17/24 22:42	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/24 08:42	09/17/24 22:42	1
Calcium	73.1		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:42	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/24 08:42	09/17/24 22:42	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/24 08:42	09/17/24 22:42	1
Copper	ND		0.010	0.0016	mg/L		09/12/24 08:42	09/17/24 22:42	1
Iron	0.20	^5-	0.050	0.019	mg/L		09/12/24 08:42	09/17/24 22:42	1
Lead	ND		0.010	0.0030	mg/L		09/12/24 08:42	09/18/24 16:04	1
Magnesium	10.5	^5-	0.20	0.043	mg/L		09/12/24 08:42	09/17/24 22:42	1
Manganese	0.15	^5- B	0.0030	0.00040	mg/L		09/12/24 08:42	09/17/24 22:42	1
Nickel	ND		0.010	0.0013	mg/L		09/12/24 08:42	09/17/24 22:42	1
Potassium	5.3		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:42	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-223242-2

Date Collected: 09/09/24 12:30

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/12/24 08:42	09/17/24 22:42	1
Silver	ND	^5-	0.0060	0.0017	mg/L		09/12/24 08:42	09/17/24 22:42	1
Sodium	291		1.0	0.32	mg/L		09/12/24 08:42	09/17/24 22:42	1
Thallium	ND		0.020	0.010	mg/L		09/12/24 08:42	09/17/24 22:42	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/24 08:42	09/17/24 22:42	1
Zinc	ND		0.010	0.0015	mg/L		09/12/24 08:42	09/18/24 16:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/12/24 10:53	09/12/24 14:22	1

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-223242-3

Date Collected: 09/09/24 09:00

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4000	3300	ug/L			09/11/24 23:56	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			09/11/24 23:56	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			09/11/24 23:56	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			09/11/24 23:56	4000
1,1-Dichloroethane	ND		4000	1500	ug/L			09/11/24 23:56	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			09/11/24 23:56	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			09/11/24 23:56	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			09/11/24 23:56	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			09/11/24 23:56	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			09/11/24 23:56	4000
1,2-Dichloroethane	ND		4000	840	ug/L			09/11/24 23:56	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			09/11/24 23:56	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			09/11/24 23:56	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			09/11/24 23:56	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			09/11/24 23:56	4000
2-Hexanone	ND		20000	5000	ug/L			09/11/24 23:56	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			09/11/24 23:56	4000
Acetone	ND	F2	40000	12000	ug/L			09/11/24 23:56	4000
Benzene	ND		4000	1600	ug/L			09/11/24 23:56	4000
Bromodichloromethane	ND		4000	1600	ug/L			09/11/24 23:56	4000
Bromoform	ND		4000	1000	ug/L			09/11/24 23:56	4000
Bromomethane	ND		4000	2800	ug/L			09/11/24 23:56	4000
Carbon disulfide	ND		4000	760	ug/L			09/11/24 23:56	4000
Carbon tetrachloride	ND		4000	1100	ug/L			09/11/24 23:56	4000
Chlorobenzene	110000		4000	3000	ug/L			09/11/24 23:56	4000
Chloroethane	ND		4000	1300	ug/L			09/11/24 23:56	4000
Chloroform	ND		4000	1400	ug/L			09/11/24 23:56	4000
Chloromethane	ND		4000	1400	ug/L			09/11/24 23:56	4000
cis-1,2-Dichloroethene	ND		4000	3200	ug/L			09/11/24 23:56	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			09/11/24 23:56	4000
Cyclohexane	ND		4000	720	ug/L			09/11/24 23:56	4000
Dibromochloromethane	ND		4000	1300	ug/L			09/11/24 23:56	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			09/11/24 23:56	4000
Ethylbenzene	ND		4000	3000	ug/L			09/11/24 23:56	4000
Isopropylbenzene	ND		4000	3200	ug/L			09/11/24 23:56	4000
Methyl acetate	ND		10000	5200	ug/L			09/11/24 23:56	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			09/11/24 23:56	4000
Methylcyclohexane	ND		4000	640	ug/L			09/11/24 23:56	4000
Methylene Chloride	ND		4000	1800	ug/L			09/11/24 23:56	4000
Styrene	ND		4000	2900	ug/L			09/11/24 23:56	4000
Tetrachloroethene	ND		4000	1400	ug/L			09/11/24 23:56	4000
Toluene	ND		4000	2000	ug/L			09/11/24 23:56	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			09/11/24 23:56	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			09/11/24 23:56	4000
Trichloroethene	ND		4000	1800	ug/L			09/11/24 23:56	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			09/11/24 23:56	4000
Vinyl chloride	ND		4000	3600	ug/L			09/11/24 23:56	4000
Xylenes, Total	ND		8000	2600	ug/L			09/11/24 23:56	4000

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-223242-3

Date Collected: 09/09/24 09:00

Matrix: Ground Water

Date Received: 09/10/24 15:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		09/11/24 23:56	4000
4-Bromofluorobenzene (Surr)	93		73 - 120		09/11/24 23:56	4000
Toluene-d8 (Surr)	97		80 - 120		09/11/24 23:56	4000
Dibromofluoromethane (Surr)	99		75 - 123		09/11/24 23:56	4000

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		100	9.6	ug/L		09/11/24 13:02	09/12/24 14:06	20
2,4,6-Trichlorophenol	ND		100	12	ug/L		09/11/24 13:02	09/12/24 14:06	20
2,4-Dichlorophenol	ND		100	10	ug/L		09/11/24 13:02	09/12/24 14:06	20
2,4-Dimethylphenol	ND		100	10	ug/L		09/11/24 13:02	09/12/24 14:06	20
2,4-Dinitrophenol	ND	F1	200	44	ug/L		09/11/24 13:02	09/12/24 14:06	20
2,4-Dinitrotoluene	ND		100	8.9	ug/L		09/11/24 13:02	09/12/24 14:06	20
2,6-Dinitrotoluene	ND		100	8.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
2-Chloronaphthalene	ND		100	9.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
2-Chlorophenol	66	J	100	11	ug/L		09/11/24 13:02	09/12/24 14:06	20
2-Methylnaphthalene	ND		100	12	ug/L		09/11/24 13:02	09/12/24 14:06	20
2-Methylphenol	ND		100	8.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
2-Nitroaniline	ND		200	8.4	ug/L		09/11/24 13:02	09/12/24 14:06	20
2-Nitrophenol	ND		100	9.6	ug/L		09/11/24 13:02	09/12/24 14:06	20
3,3'-Dichlorobenzidine	ND		100	8.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
3-Nitroaniline	ND		200	9.6	ug/L		09/11/24 13:02	09/12/24 14:06	20
4,6-Dinitro-2-methylphenol	ND		200	44	ug/L		09/11/24 13:02	09/12/24 14:06	20
4-Bromophenyl phenyl ether	ND		100	9.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
4-Chloro-3-methylphenol	ND		100	9.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
4-Chloroaniline	ND		100	12	ug/L		09/11/24 13:02	09/12/24 14:06	20
4-Chlorophenyl phenyl ether	ND		100	7.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
4-Methylphenol	ND		200	7.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
4-Nitroaniline	ND		200	5.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
4-Nitrophenol	ND		200	30	ug/L		09/11/24 13:02	09/12/24 14:06	20
Acenaphthene	ND		100	8.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
Acenaphthylene	ND		100	7.6	ug/L		09/11/24 13:02	09/12/24 14:06	20
Acetophenone	ND		100	11	ug/L		09/11/24 13:02	09/12/24 14:06	20
Aniline	ND		200	12	ug/L		09/11/24 13:02	09/12/24 14:06	20
Anthracene	ND		100	5.6	ug/L		09/11/24 13:02	09/12/24 14:06	20
Atrazine	ND		100	9.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
Benzaldehyde	ND		100	5.3	ug/L		09/11/24 13:02	09/12/24 14:06	20
Benzo(a)anthracene	ND		100	7.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
Benzo(a)pyrene	ND		100	9.4	ug/L		09/11/24 13:02	09/12/24 14:06	20
Benzo(b)fluoranthene	ND		100	6.8	ug/L		09/11/24 13:02	09/12/24 14:06	20
Benzo(g,h,i)perylene	ND		100	7.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
Benzo(k)fluoranthene	ND		100	15	ug/L		09/11/24 13:02	09/12/24 14:06	20
Biphenyl	ND		100	13	ug/L		09/11/24 13:02	09/12/24 14:06	20
bis (2-chloroisopropyl) ether	ND		100	10	ug/L		09/11/24 13:02	09/12/24 14:06	20
Bis(2-chloroethoxy)methane	ND		100	7.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
Bis(2-chloroethyl)ether	ND		100	8.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
Bis(2-ethylhexyl) phthalate	ND		100	44	ug/L		09/11/24 13:02	09/12/24 14:06	20
Butyl benzyl phthalate	ND		100	20	ug/L		09/11/24 13:02	09/12/24 14:06	20
Caprolactam	ND	F1	100	44	ug/L		09/11/24 13:02	09/12/24 14:06	20
Carbazole	ND		100	6.0	ug/L		09/11/24 13:02	09/12/24 14:06	20

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-223242-3

Date Collected: 09/09/24 09:00

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		100	6.6	ug/L		09/11/24 13:02	09/12/24 14:06	20
Dibenz(a,h)anthracene	ND		100	8.4	ug/L		09/11/24 13:02	09/12/24 14:06	20
Dibenzofuran	ND		200	10	ug/L		09/11/24 13:02	09/12/24 14:06	20
Diethyl phthalate	ND		100	4.4	ug/L		09/11/24 13:02	09/12/24 14:06	20
Dimethyl phthalate	ND		100	7.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
Di-n-butyl phthalate	ND		100	6.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
Di-n-octyl phthalate	ND		100	9.4	ug/L		09/11/24 13:02	09/12/24 14:06	20
Fluoranthene	ND		100	8.0	ug/L		09/11/24 13:02	09/12/24 14:06	20
Fluorene	ND		100	7.2	ug/L		09/11/24 13:02	09/12/24 14:06	20
Hexachlorobenzene	ND		100	10	ug/L		09/11/24 13:02	09/12/24 14:06	20
Hexachlorobutadiene	ND		100	14	ug/L		09/11/24 13:02	09/12/24 14:06	20
Hexachlorocyclopentadiene	ND	F1	100	12	ug/L		09/11/24 13:02	09/12/24 14:06	20
Hexachloroethane	ND		100	12	ug/L		09/11/24 13:02	09/12/24 14:06	20
Indeno(1,2,3-cd)pyrene	ND		100	9.4	ug/L		09/11/24 13:02	09/12/24 14:06	20
Isophorone	ND		100	8.6	ug/L		09/11/24 13:02	09/12/24 14:06	20
Naphthalene	ND		100	15	ug/L		09/11/24 13:02	09/12/24 14:06	20
Nitrobenzene	ND		100	5.8	ug/L		09/11/24 13:02	09/12/24 14:06	20
N-Nitrosodi-n-propylamine	ND		100	11	ug/L		09/11/24 13:02	09/12/24 14:06	20
N-Nitrosodiphenylamine	ND		100	10	ug/L		09/11/24 13:02	09/12/24 14:06	20
Pentachlorophenol	ND		200	44	ug/L		09/11/24 13:02	09/12/24 14:06	20
Phenanthrene	ND		100	8.8	ug/L		09/11/24 13:02	09/12/24 14:06	20
Phenol	ND		100	7.8	ug/L		09/11/24 13:02	09/12/24 14:06	20
Pyrene	ND		100	6.8	ug/L		09/11/24 13:02	09/12/24 14:06	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		25 - 144	09/11/24 13:02	09/12/24 14:06	20
2-Fluorobiphenyl	69		53 - 126	09/11/24 13:02	09/12/24 14:06	20
2-Fluorophenol	51		24 - 120	09/11/24 13:02	09/12/24 14:06	20
Nitrobenzene-d5	55		29 - 129	09/11/24 13:02	09/12/24 14:06	20
Phenol-d5	48		10 - 120	09/11/24 13:02	09/12/24 14:06	20
p-Terphenyl-d14	52		33 - 132	09/11/24 13:02	09/12/24 14:06	20

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	^5+	0.20	0.060	mg/L		09/12/24 08:42	09/17/24 22:44	1
Antimony	ND		0.020	0.0068	mg/L		09/12/24 08:42	09/17/24 22:44	1
Arsenic	0.017		0.015	0.0056	mg/L		09/12/24 08:42	09/17/24 22:44	1
Barium	0.024		0.0020	0.00070	mg/L		09/12/24 08:42	09/17/24 22:44	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/24 08:42	09/17/24 22:44	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/24 08:42	09/17/24 22:44	1
Calcium	350		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:44	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/24 08:42	09/17/24 22:44	1
Cobalt	0.0020	J	0.0040	0.00063	mg/L		09/12/24 08:42	09/17/24 22:44	1
Copper	ND		0.010	0.0016	mg/L		09/12/24 08:42	09/17/24 22:44	1
Iron	4.9	^5-	0.050	0.019	mg/L		09/12/24 08:42	09/17/24 22:44	1
Lead	0.0038	J	0.010	0.0030	mg/L		09/12/24 08:42	09/18/24 16:14	1
Magnesium	98.5	^5-	0.20	0.043	mg/L		09/12/24 08:42	09/17/24 22:44	1
Manganese	0.75	^5- B	0.0030	0.00040	mg/L		09/12/24 08:42	09/17/24 22:44	1
Nickel	0.0048	J	0.010	0.0013	mg/L		09/12/24 08:42	09/17/24 22:44	1
Potassium	2.6		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:44	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-223242-3

Date Collected: 09/09/24 09:00

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/12/24 08:42	09/17/24 22:44	1
Silver	ND	^5-	0.0060	0.0017	mg/L		09/12/24 08:42	09/17/24 22:44	1
Sodium	140		1.0	0.32	mg/L		09/12/24 08:42	09/17/24 22:44	1
Thallium	ND		0.020	0.010	mg/L		09/12/24 08:42	09/17/24 22:44	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/24 08:42	09/17/24 22:44	1
Zinc	ND	^5-	0.010	0.0015	mg/L		09/12/24 08:42	09/17/24 22:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/12/24 10:53	09/12/24 14:23	1

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-223242-4

Date Collected: 09/09/24 10:20

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/12/24 00:19	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/12/24 00:19	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/12/24 00:19	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/12/24 00:19	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/12/24 00:19	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/12/24 00:19	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/12/24 00:19	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/12/24 00:19	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/12/24 00:19	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/12/24 00:19	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/12/24 00:19	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/12/24 00:19	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/12/24 00:19	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/12/24 00:19	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/12/24 00:19	2
2-Hexanone	ND		10	2.5	ug/L			09/12/24 00:19	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/12/24 00:19	2
Acetone	ND		20	6.0	ug/L			09/12/24 00:19	2
Benzene	ND		2.0	0.82	ug/L			09/12/24 00:19	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/12/24 00:19	2
Bromoform	ND		2.0	0.52	ug/L			09/12/24 00:19	2
Bromomethane	ND		2.0	1.4	ug/L			09/12/24 00:19	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/12/24 00:19	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/12/24 00:19	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/12/24 00:19	2
Chloroethane	ND		2.0	0.64	ug/L			09/12/24 00:19	2
Chloroform	ND		2.0	0.68	ug/L			09/12/24 00:19	2
Chloromethane	ND		2.0	0.70	ug/L			09/12/24 00:19	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/12/24 00:19	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/12/24 00:19	2
Cyclohexane	ND		2.0	0.36	ug/L			09/12/24 00:19	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/12/24 00:19	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/12/24 00:19	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/12/24 00:19	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/12/24 00:19	2
Methyl acetate	ND		5.0	2.6	ug/L			09/12/24 00:19	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/12/24 00:19	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/12/24 00:19	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/12/24 00:19	2
Styrene	ND		2.0	1.5	ug/L			09/12/24 00:19	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/12/24 00:19	2
Toluene	ND		2.0	1.0	ug/L			09/12/24 00:19	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/12/24 00:19	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/12/24 00:19	2
Trichloroethene	ND		2.0	0.92	ug/L			09/12/24 00:19	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/12/24 00:19	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/12/24 00:19	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/12/24 00:19	2

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-223242-4

Date Collected: 09/09/24 10:20

Matrix: Ground Water

Date Received: 09/10/24 15:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		09/12/24 00:19	2
4-Bromofluorobenzene (Surr)	98		73 - 120		09/12/24 00:19	2
Toluene-d8 (Surr)	101		80 - 120		09/12/24 00:19	2
Dibromofluoromethane (Surr)	97		75 - 123		09/12/24 00:19	2

Method: SW846 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		09/11/24 13:02	09/12/24 15:29	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/11/24 13:02	09/12/24 15:29	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 15:29	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/11/24 13:02	09/12/24 15:29	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 15:29	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 15:29	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:29	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 15:29	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/11/24 13:02	09/12/24 15:29	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/11/24 13:02	09/12/24 15:29	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:29	1
2-Nitroaniline	ND		10	0.42	ug/L		09/11/24 13:02	09/12/24 15:29	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/11/24 13:02	09/12/24 15:29	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:29	1
3-Nitroaniline	ND		10	0.48	ug/L		09/11/24 13:02	09/12/24 15:29	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 15:29	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 15:29	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 15:29	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 15:29	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 15:29	1
4-Methylphenol	ND		10	0.36	ug/L		09/11/24 13:02	09/12/24 15:29	1
4-Nitroaniline	ND		10	0.25	ug/L		09/11/24 13:02	09/12/24 15:29	1
4-Nitrophenol	ND		10	1.5	ug/L		09/11/24 13:02	09/12/24 15:29	1
Acenaphthene	ND		5.0	0.41	ug/L		09/11/24 13:02	09/12/24 15:29	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/11/24 13:02	09/12/24 15:29	1
Acetophenone	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 15:29	1
Aniline	ND		10	0.61	ug/L		09/11/24 13:02	09/12/24 15:29	1
Anthracene	ND		5.0	0.28	ug/L		09/11/24 13:02	09/12/24 15:29	1
Atrazine	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 15:29	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/11/24 13:02	09/12/24 15:29	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 15:29	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 15:29	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 15:29	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 15:29	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/11/24 13:02	09/12/24 15:29	1
Biphenyl	ND		5.0	0.65	ug/L		09/11/24 13:02	09/12/24 15:29	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/11/24 13:02	09/12/24 15:29	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 15:29	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:29	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 15:29	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/11/24 13:02	09/12/24 15:29	1
Caprolactam	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 15:29	1
Carbazole	ND		5.0	0.30	ug/L		09/11/24 13:02	09/12/24 15:29	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-223242-4

Date Collected: 09/09/24 10:20

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		09/11/24 13:02	09/12/24 15:29	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/11/24 13:02	09/12/24 15:29	1
Dibenzofuran	ND		10	0.51	ug/L		09/11/24 13:02	09/12/24 15:29	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/11/24 13:02	09/12/24 15:29	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 15:29	1
Di-n-butyl phthalate	0.74	J B	5.0	0.31	ug/L		09/11/24 13:02	09/12/24 15:29	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 15:29	1
Fluoranthene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 15:29	1
Fluorene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 15:29	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 15:29	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/11/24 13:02	09/12/24 15:29	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 15:29	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 15:29	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 15:29	1
Isophorone	ND		5.0	0.43	ug/L		09/11/24 13:02	09/12/24 15:29	1
Naphthalene	ND		5.0	0.76	ug/L		09/11/24 13:02	09/12/24 15:29	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/11/24 13:02	09/12/24 15:29	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 15:29	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 15:29	1
Pentachlorophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 15:29	1
Phenanthrene	ND		5.0	0.44	ug/L		09/11/24 13:02	09/12/24 15:29	1
Phenol	ND		5.0	0.39	ug/L		09/11/24 13:02	09/12/24 15:29	1
Pyrene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		25 - 144	09/11/24 13:02	09/12/24 15:29	1
2-Fluorobiphenyl	71		53 - 126	09/11/24 13:02	09/12/24 15:29	1
2-Fluorophenol	52		24 - 120	09/11/24 13:02	09/12/24 15:29	1
Nitrobenzene-d5	62		29 - 129	09/11/24 13:02	09/12/24 15:29	1
Phenol-d5	36		10 - 120	09/11/24 13:02	09/12/24 15:29	1
p-Terphenyl-d14	66		33 - 132	09/11/24 13:02	09/12/24 15:29	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.090	J ^5+	0.20	0.060	mg/L		09/12/24 08:42	09/17/24 22:59	1
Antimony	ND		0.020	0.0068	mg/L		09/12/24 08:42	09/17/24 22:59	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/24 08:42	09/17/24 22:59	1
Barium	0.035		0.0020	0.00070	mg/L		09/12/24 08:42	09/17/24 22:59	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/24 08:42	09/17/24 22:59	1
Cadmium	0.00081	J	0.0020	0.00050	mg/L		09/12/24 08:42	09/17/24 22:59	1
Calcium	80.2		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:59	1
Chromium	0.0063		0.0040	0.0010	mg/L		09/12/24 08:42	09/17/24 22:59	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/24 08:42	09/17/24 22:59	1
Copper	0.0061	J	0.010	0.0016	mg/L		09/12/24 08:42	09/17/24 22:59	1
Iron	0.15	^5-	0.050	0.019	mg/L		09/12/24 08:42	09/17/24 22:59	1
Lead	ND		0.010	0.0030	mg/L		09/12/24 08:42	09/18/24 16:23	1
Magnesium	7.2	^5-	0.20	0.043	mg/L		09/12/24 08:42	09/17/24 22:59	1
Manganese	0.031	^5- B	0.0030	0.00040	mg/L		09/12/24 08:42	09/17/24 22:59	1
Nickel	0.0074	J	0.010	0.0013	mg/L		09/12/24 08:42	09/17/24 22:59	1
Potassium	1.3		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:59	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-223242-4

Date Collected: 09/09/24 10:20

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/12/24 08:42	09/17/24 22:59	1
Silver	ND	^5-	0.0060	0.0017	mg/L		09/12/24 08:42	09/17/24 22:59	1
Sodium	17.1		1.0	0.32	mg/L		09/12/24 08:42	09/17/24 22:59	1
Thallium	ND		0.020	0.010	mg/L		09/12/24 08:42	09/17/24 22:59	1
Vanadium	0.0041	J	0.0050	0.0015	mg/L		09/12/24 08:42	09/17/24 22:59	1
Zinc	0.0070	J ^5- B	0.010	0.0015	mg/L		09/12/24 08:42	09/17/24 22:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/12/24 10:53	09/12/24 14:28	1

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E FRI- 32A D

Lab Sample ID: 480-223242-5

Date Collected: 09/09/24 09:05

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4000	3300	ug/L			09/12/24 00:42	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			09/12/24 00:42	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			09/12/24 00:42	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			09/12/24 00:42	4000
1,1-Dichloroethane	ND		4000	1500	ug/L			09/12/24 00:42	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			09/12/24 00:42	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			09/12/24 00:42	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			09/12/24 00:42	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			09/12/24 00:42	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			09/12/24 00:42	4000
1,2-Dichloroethane	ND		4000	840	ug/L			09/12/24 00:42	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			09/12/24 00:42	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			09/12/24 00:42	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			09/12/24 00:42	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			09/12/24 00:42	4000
2-Hexanone	ND		20000	5000	ug/L			09/12/24 00:42	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			09/12/24 00:42	4000
Acetone	ND		40000	12000	ug/L			09/12/24 00:42	4000
Benzene	ND		4000	1600	ug/L			09/12/24 00:42	4000
Bromodichloromethane	ND		4000	1600	ug/L			09/12/24 00:42	4000
Bromoform	ND		4000	1000	ug/L			09/12/24 00:42	4000
Bromomethane	ND		4000	2800	ug/L			09/12/24 00:42	4000
Carbon disulfide	ND		4000	760	ug/L			09/12/24 00:42	4000
Carbon tetrachloride	ND		4000	1100	ug/L			09/12/24 00:42	4000
Chlorobenzene	100000		4000	3000	ug/L			09/12/24 00:42	4000
Chloroethane	ND		4000	1300	ug/L			09/12/24 00:42	4000
Chloroform	ND		4000	1400	ug/L			09/12/24 00:42	4000
Chloromethane	ND		4000	1400	ug/L			09/12/24 00:42	4000
cis-1,2-Dichloroethene	ND		4000	3200	ug/L			09/12/24 00:42	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			09/12/24 00:42	4000
Cyclohexane	ND		4000	720	ug/L			09/12/24 00:42	4000
Dibromochloromethane	ND		4000	1300	ug/L			09/12/24 00:42	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			09/12/24 00:42	4000
Ethylbenzene	ND		4000	3000	ug/L			09/12/24 00:42	4000
Isopropylbenzene	ND		4000	3200	ug/L			09/12/24 00:42	4000
Methyl acetate	ND		10000	5200	ug/L			09/12/24 00:42	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			09/12/24 00:42	4000
Methylcyclohexane	ND		4000	640	ug/L			09/12/24 00:42	4000
Methylene Chloride	ND		4000	1800	ug/L			09/12/24 00:42	4000
Styrene	ND		4000	2900	ug/L			09/12/24 00:42	4000
Tetrachloroethene	ND		4000	1400	ug/L			09/12/24 00:42	4000
Toluene	ND		4000	2000	ug/L			09/12/24 00:42	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			09/12/24 00:42	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			09/12/24 00:42	4000
Trichloroethene	ND		4000	1800	ug/L			09/12/24 00:42	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			09/12/24 00:42	4000
Vinyl chloride	ND		4000	3600	ug/L			09/12/24 00:42	4000
Xylenes, Total	ND		8000	2600	ug/L			09/12/24 00:42	4000

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E FRI- 32A D

Lab Sample ID: 480-223242-5

Date Collected: 09/09/24 09:05

Matrix: Ground Water

Date Received: 09/10/24 15:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		09/12/24 00:42	4000
4-Bromofluorobenzene (Surr)	93		73 - 120		09/12/24 00:42	4000
Toluene-d8 (Surr)	96		80 - 120		09/12/24 00:42	4000
Dibromofluoromethane (Surr)	99		75 - 123		09/12/24 00:42	4000

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		09/11/24 13:02	09/12/24 15:56	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		09/11/24 13:02	09/12/24 15:56	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		09/11/24 13:02	09/12/24 15:56	5
2,4-Dinitrophenol	ND		50	11	ug/L		09/11/24 13:02	09/12/24 15:56	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		09/11/24 13:02	09/12/24 15:56	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
2-Chloronaphthalene	ND		25	2.3	ug/L		09/11/24 13:02	09/12/24 15:56	5
2-Chlorophenol	52		25	2.7	ug/L		09/11/24 13:02	09/12/24 15:56	5
2-Methylnaphthalene	ND		25	3.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
2-Methylphenol	ND		25	2.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
2-Nitroaniline	ND		50	2.1	ug/L		09/11/24 13:02	09/12/24 15:56	5
2-Nitrophenol	ND		25	2.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
3-Nitroaniline	ND		50	2.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		09/11/24 13:02	09/12/24 15:56	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		09/11/24 13:02	09/12/24 15:56	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		09/11/24 13:02	09/12/24 15:56	5
4-Chloroaniline	ND		25	3.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
4-Methylphenol	ND		50	1.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
4-Nitroaniline	ND		50	1.3	ug/L		09/11/24 13:02	09/12/24 15:56	5
4-Nitrophenol	ND		50	7.6	ug/L		09/11/24 13:02	09/12/24 15:56	5
Acenaphthene	ND		25	2.1	ug/L		09/11/24 13:02	09/12/24 15:56	5
Acenaphthylene	ND		25	1.9	ug/L		09/11/24 13:02	09/12/24 15:56	5
Acetophenone	ND		25	2.7	ug/L		09/11/24 13:02	09/12/24 15:56	5
Aniline	ND		50	3.1	ug/L		09/11/24 13:02	09/12/24 15:56	5
Anthracene	ND		25	1.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
Atrazine	ND		25	2.3	ug/L		09/11/24 13:02	09/12/24 15:56	5
Benzaldehyde	ND		25	1.3	ug/L		09/11/24 13:02	09/12/24 15:56	5
Benzo(a)anthracene	ND		25	1.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
Benzo(a)pyrene	ND		25	2.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		09/11/24 13:02	09/12/24 15:56	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		09/11/24 13:02	09/12/24 15:56	5
Biphenyl	ND		25	3.3	ug/L		09/11/24 13:02	09/12/24 15:56	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		09/11/24 13:02	09/12/24 15:56	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		09/11/24 13:02	09/12/24 15:56	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
Caprolactam	ND		25	11	ug/L		09/11/24 13:02	09/12/24 15:56	5
Carbazole	ND		25	1.5	ug/L		09/11/24 13:02	09/12/24 15:56	5

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E FRI- 32A D

Lab Sample ID: 480-223242-5

Date Collected: 09/09/24 09:05

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		09/11/24 13:02	09/12/24 15:56	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		09/11/24 13:02	09/12/24 15:56	5
Dibenzofuran	ND		50	2.6	ug/L		09/11/24 13:02	09/12/24 15:56	5
Diethyl phthalate	ND		25	1.1	ug/L		09/11/24 13:02	09/12/24 15:56	5
Dimethyl phthalate	ND		25	1.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
Di-n-butyl phthalate	2.0	J B	25	1.6	ug/L		09/11/24 13:02	09/12/24 15:56	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
Fluoranthene	ND		25	2.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
Fluorene	ND		25	1.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
Hexachlorobenzene	ND		25	2.6	ug/L		09/11/24 13:02	09/12/24 15:56	5
Hexachlorobutadiene	ND		25	3.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
Hexachloroethane	ND		25	3.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		09/11/24 13:02	09/12/24 15:56	5
Isophorone	ND		25	2.2	ug/L		09/11/24 13:02	09/12/24 15:56	5
Naphthalene	ND		25	3.8	ug/L		09/11/24 13:02	09/12/24 15:56	5
Nitrobenzene	ND		25	1.5	ug/L		09/11/24 13:02	09/12/24 15:56	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		09/11/24 13:02	09/12/24 15:56	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		09/11/24 13:02	09/12/24 15:56	5
Pentachlorophenol	ND		50	11	ug/L		09/11/24 13:02	09/12/24 15:56	5
Phenanthrene	ND		25	2.2	ug/L		09/11/24 13:02	09/12/24 15:56	5
Phenol	ND		25	2.0	ug/L		09/11/24 13:02	09/12/24 15:56	5
Pyrene	ND		25	1.7	ug/L		09/11/24 13:02	09/12/24 15:56	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	53		25 - 144	09/11/24 13:02	09/12/24 15:56	5
2-Fluorobiphenyl	53		53 - 126	09/11/24 13:02	09/12/24 15:56	5
2-Fluorophenol	40		24 - 120	09/11/24 13:02	09/12/24 15:56	5
Nitrobenzene-d5	47		29 - 129	09/11/24 13:02	09/12/24 15:56	5
Phenol-d5	30		10 - 120	09/11/24 13:02	09/12/24 15:56	5
p-Terphenyl-d14	48		33 - 132	09/11/24 13:02	09/12/24 15:56	5

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	^5+	0.20	0.060	mg/L		09/12/24 08:42	09/17/24 23:01	1
Antimony	ND		0.020	0.0068	mg/L		09/12/24 08:42	09/17/24 23:01	1
Arsenic	0.012	J	0.015	0.0056	mg/L		09/12/24 08:42	09/17/24 23:01	1
Barium	0.024		0.0020	0.00070	mg/L		09/12/24 08:42	09/17/24 23:01	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/24 08:42	09/17/24 23:01	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/24 08:42	09/17/24 23:01	1
Calcium	353		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 23:01	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/24 08:42	09/17/24 23:01	1
Cobalt	0.0020	J	0.0040	0.00063	mg/L		09/12/24 08:42	09/17/24 23:01	1
Copper	ND		0.010	0.0016	mg/L		09/12/24 08:42	09/17/24 23:01	1
Iron	5.0	^5-	0.050	0.019	mg/L		09/12/24 08:42	09/17/24 23:01	1
Lead	ND		0.010	0.0030	mg/L		09/12/24 08:42	09/18/24 16:25	1
Magnesium	99.3	^5-	0.20	0.043	mg/L		09/12/24 08:42	09/17/24 23:01	1
Manganese	0.76	^5- B	0.0030	0.00040	mg/L		09/12/24 08:42	09/17/24 23:01	1
Nickel	0.0052	J	0.010	0.0013	mg/L		09/12/24 08:42	09/17/24 23:01	1
Potassium	2.6		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 23:01	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E FRI- 32A D

Lab Sample ID: 480-223242-5

Date Collected: 09/09/24 09:05

Matrix: Ground Water

Date Received: 09/10/24 15:00

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		09/12/24 08:42	09/17/24 23:01	1
Silver	ND	^5-	0.0060	0.0017	mg/L		09/12/24 08:42	09/17/24 23:01	1
Sodium	141		1.0	0.32	mg/L		09/12/24 08:42	09/17/24 23:01	1
Thallium	ND		0.020	0.010	mg/L		09/12/24 08:42	09/17/24 23:01	1
Vanadium	0.0015	J	0.0050	0.0015	mg/L		09/12/24 08:42	09/17/24 23:01	1
Zinc	ND	^5-	0.010	0.0015	mg/L		09/12/24 08:42	09/17/24 23:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/12/24 10:53	09/12/24 14:29	1

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223242-6

Date Collected: 09/09/24 09:00

Matrix: Water

Date Received: 09/10/24 15:00

Method: SW846 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			09/12/24 01:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/12/24 01:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/12/24 01:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/12/24 01:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/12/24 01:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/12/24 01:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/12/24 01:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/12/24 01:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/12/24 01:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/12/24 01:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/12/24 01:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/12/24 01:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/12/24 01:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/12/24 01:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/12/24 01:06	1
2-Hexanone	ND		5.0	1.2	ug/L			09/12/24 01:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/12/24 01:06	1
Acetone	ND		10	3.0	ug/L			09/12/24 01:06	1
Benzene	ND		1.0	0.41	ug/L			09/12/24 01:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/12/24 01:06	1
Bromoform	ND		1.0	0.26	ug/L			09/12/24 01:06	1
Bromomethane	ND		1.0	0.69	ug/L			09/12/24 01:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/12/24 01:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/12/24 01:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/12/24 01:06	1
Chloroethane	ND		1.0	0.32	ug/L			09/12/24 01:06	1
Chloroform	0.34	J	1.0	0.34	ug/L			09/12/24 01:06	1
Chloromethane	ND		1.0	0.35	ug/L			09/12/24 01:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/12/24 01:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/12/24 01:06	1
Cyclohexane	ND		1.0	0.18	ug/L			09/12/24 01:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/12/24 01:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/12/24 01:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/12/24 01:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/12/24 01:06	1
Methyl acetate	ND		2.5	1.3	ug/L			09/12/24 01:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/12/24 01:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/12/24 01:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/12/24 01:06	1
Styrene	ND		1.0	0.73	ug/L			09/12/24 01:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/12/24 01:06	1
Toluene	ND		1.0	0.51	ug/L			09/12/24 01:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/12/24 01:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/12/24 01:06	1
Trichloroethene	ND		1.0	0.46	ug/L			09/12/24 01:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/12/24 01:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/12/24 01:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/12/24 01:06	1

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Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: TRIP BLANK
Date Collected: 09/09/24 09:00
Date Received: 09/10/24 15:00

Lab Sample ID: 480-223242-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		09/12/24 01:06	1
4-Bromofluorobenzene (Surr)	100		73 - 120		09/12/24 01:06	1
Toluene-d8 (Surr)	104		80 - 120		09/12/24 01:06	1
Dibromofluoromethane (Surr)	106		75 - 123		09/12/24 01:06	1

Client Sample Results

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI - 32A
Date Collected: 09/09/24 09:00
Date Received: 09/10/24 15:00

Lab Sample ID: 480-223242-7
Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (ASTM D516-90, 02)	775		150	45.0	mg/L			09/13/24 14:59	30
Total Organic Carbon (SM 5310D)	7.8		1.0	0.43	mg/L			09/16/24 20:15	1

Surrogate Summary

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

Job ID: 480-223242-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-223242-1	BCC Area E MW-E05	98	94	98	95
480-223242-2	BCC Area E RFI-29	99	94	97	97
480-223242-3	BCC Area E RFI-32A	96	93	97	99
480-223242-3 MS	BCC Area E RFI-32A MS	93	94	97	94
480-223242-3 MSD	BCC Area E RFI-32A MSD	98	93	95	98
480-223242-4	BCC Area E RFI-33	98	98	101	97
480-223242-5	BCC Area E FRI- 32A D	98	93	96	99

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-223242-6	TRIP BLANK	105	100	104	106
LCS 480-724679/6	Lab Control Sample	98	94	98	97
LCS 480-724769/6	Lab Control Sample	99	93	96	98
MB 480-724679/8	Method Blank	96	94	97	98
MB 480-724769/8	Method Blank	99	93	98	96

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (25-144)	FBP (53-126)	2FP (24-120)	NBZ (29-129)	PHL (10-120)	TPHd14 (33-132)
480-223242-1	BCC Area E MW-E05	71	80	58	68	40	66
480-223242-2	BCC Area E RFI-29	66	68	51	62	34	66
480-223242-3	BCC Area E RFI-32A	76	69	51	55	48	52
480-223242-3 MS	BCC Area E RFI-32A MS	95	67	50	62	51	58
480-223242-3 MSD	BCC Area E RFI-32A MSD	103	73	62	72	57	66
480-223242-4	BCC Area E RFI-33	71	71	52	62	36	66
480-223242-5	BCC Area E FRI- 32A D	53	53	40	47	30	48

Surrogate Legend

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

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells
TPHd14 = p-Terphenyl-d14

Job ID: 480-223242-1

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (25-144)	FBP (53-126)	2FP (24-120)	NBZ (29-129)	PHL (10-120)	TPHd14 (33-132)
LCS 480-724753/2-A	Lab Control Sample	81	78	57	73	43	86
MB 480-724753/1-A	Method Blank	63	81	58	69	39	99

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14

QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: MB 480-724679/8

Matrix: Water

Analysis Batch: 724679

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			09/11/24 12:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/11/24 12:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/11/24 12:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/11/24 12:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/11/24 12:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/11/24 12:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/11/24 12:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/11/24 12:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/11/24 12:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/11/24 12:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/11/24 12:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/11/24 12:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/11/24 12:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/11/24 12:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/11/24 12:07	1
2-Hexanone	ND		5.0	1.2	ug/L			09/11/24 12:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/11/24 12:07	1
Acetone	ND		10	3.0	ug/L			09/11/24 12:07	1
Benzene	ND		1.0	0.41	ug/L			09/11/24 12:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/11/24 12:07	1
Bromoform	ND		1.0	0.26	ug/L			09/11/24 12:07	1
Bromomethane	ND		1.0	0.69	ug/L			09/11/24 12:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/11/24 12:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/11/24 12:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/11/24 12:07	1
Chloroethane	ND		1.0	0.32	ug/L			09/11/24 12:07	1
Chloroform	ND		1.0	0.34	ug/L			09/11/24 12:07	1
Chloromethane	ND		1.0	0.35	ug/L			09/11/24 12:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/11/24 12:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/11/24 12:07	1
Cyclohexane	ND		1.0	0.18	ug/L			09/11/24 12:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/11/24 12:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/11/24 12:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/11/24 12:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/11/24 12:07	1
Methyl acetate	ND		2.5	1.3	ug/L			09/11/24 12:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/11/24 12:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/11/24 12:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/11/24 12:07	1
Styrene	ND		1.0	0.73	ug/L			09/11/24 12:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/11/24 12:07	1
Toluene	ND		1.0	0.51	ug/L			09/11/24 12:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/11/24 12:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/11/24 12:07	1
Trichloroethene	ND		1.0	0.46	ug/L			09/11/24 12:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/11/24 12:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/11/24 12:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/11/24 12:07	1

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: MB 480-724679/8

Matrix: Water

Analysis Batch: 724679

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		77 - 120		09/11/24 12:07	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/11/24 12:07	1
Toluene-d8 (Surr)	97		80 - 120		09/11/24 12:07	1
Dibromofluoromethane (Surr)	98		75 - 123		09/11/24 12:07	1

Lab Sample ID: LCS 480-724679/6

Matrix: Water

Analysis Batch: 724679

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
1,1,1,2,2-Tetrachloroethane	25.0	22.6		ug/L		91	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	22.9		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	24.1		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	25.6		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.0		ug/L		84	56 - 134
1,2-Dibromoethane	25.0	22.0		ug/L		88	77 - 120
1,2-Dichlorobenzene	25.0	22.9		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	23.6		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.1		ug/L		93	80 - 120
2-Butanone (MEK)	125	105		ug/L		84	57 - 140
2-Hexanone	125	107		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	110		ug/L		88	56 - 142
Benzene	25.0	23.5		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.4		ug/L		94	80 - 122
Bromoform	25.0	22.0		ug/L		88	61 - 132
Bromomethane	25.0	23.6		ug/L		94	55 - 144
Carbon disulfide	25.0	25.4		ug/L		102	59 - 134
Carbon tetrachloride	25.0	25.6		ug/L		102	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	24.1		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Cyclohexane	25.0	28.4		ug/L		114	59 - 135
Dibromochloromethane	25.0	23.0		ug/L		92	75 - 125
Dichlorodifluoromethane	25.0	28.9		ug/L		116	59 - 135
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Isopropylbenzene	25.0	26.3		ug/L		105	77 - 122
Methyl acetate	50.0	42.6		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	22.4		ug/L		90	77 - 120
Methylcyclohexane	25.0	29.3		ug/L		117	68 - 134

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: LCS 480-724679/6

Matrix: Water

Analysis Batch: 724679

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	24.9		ug/L		100	75 - 124
Styrene	25.0	24.3		ug/L		97	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	80 - 120
Trichloroethene	25.0	23.9		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	26.5		ug/L		106	62 - 150
Vinyl chloride	25.0	25.9		ug/L		104	65 - 133
Xylenes, Total	50.0	48.1		ug/L		96	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	97		75 - 123

Lab Sample ID: MB 480-724769/8

Matrix: Water

Analysis Batch: 724769

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			09/11/24 23:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/11/24 23:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/11/24 23:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/11/24 23:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/11/24 23:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/11/24 23:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/11/24 23:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/11/24 23:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/11/24 23:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/11/24 23:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/11/24 23:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/11/24 23:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/11/24 23:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/11/24 23:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/11/24 23:32	1
2-Hexanone	ND		5.0	1.2	ug/L			09/11/24 23:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/11/24 23:32	1
Acetone	ND		10	3.0	ug/L			09/11/24 23:32	1
Benzene	ND		1.0	0.41	ug/L			09/11/24 23:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/11/24 23:32	1
Bromoform	ND		1.0	0.26	ug/L			09/11/24 23:32	1
Bromomethane	ND		1.0	0.69	ug/L			09/11/24 23:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/11/24 23:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/11/24 23:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/11/24 23:32	1
Chloroethane	ND		1.0	0.32	ug/L			09/11/24 23:32	1

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: MB 480-724769/8

Matrix: Water

Analysis Batch: 724769

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			09/11/24 23:32	1
Chloromethane	ND		1.0	0.35	ug/L			09/11/24 23:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/11/24 23:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/11/24 23:32	1
Cyclohexane	ND		1.0	0.18	ug/L			09/11/24 23:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/11/24 23:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/11/24 23:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/11/24 23:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/11/24 23:32	1
Methyl acetate	ND		2.5	1.3	ug/L			09/11/24 23:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/11/24 23:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/11/24 23:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/11/24 23:32	1
Styrene	ND		1.0	0.73	ug/L			09/11/24 23:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/11/24 23:32	1
Toluene	ND		1.0	0.51	ug/L			09/11/24 23:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/11/24 23:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/11/24 23:32	1
Trichloroethene	ND		1.0	0.46	ug/L			09/11/24 23:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/11/24 23:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/11/24 23:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/11/24 23:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/11/24 23:32	1
4-Bromofluorobenzene (Surr)	93		73 - 120		09/11/24 23:32	1
Toluene-d8 (Surr)	98		80 - 120		09/11/24 23:32	1
Dibromofluoromethane (Surr)	96		75 - 123		09/11/24 23:32	1

Lab Sample ID: LCS 480-724769/6

Matrix: Water

Analysis Batch: 724769

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	22.1		ug/L		88	76 - 122
1,1-Dichloroethane	25.0	25.1		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	25.7		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		98	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.8		ug/L		83	56 - 134
1,2-Dibromoethane	25.0	22.6		ug/L		90	77 - 120
1,2-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	23.3		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 120

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: LCS 480-724769/6

Matrix: Water

Analysis Batch: 724769

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	125	107		ug/L		86	57 - 140
2-Hexanone	125	109		ug/L		87	65 - 127
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	71 - 125
Acetone	125	107		ug/L		86	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	25.0	23.2		ug/L		93	80 - 122
Bromoform	25.0	20.3		ug/L		81	61 - 132
Bromomethane	25.0	23.7		ug/L		95	55 - 144
Carbon disulfide	25.0	25.1		ug/L		101	59 - 134
Carbon tetrachloride	25.0	25.0		ug/L		100	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Chloroethane	25.0	23.6		ug/L		95	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	24.9		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	23.4		ug/L		93	74 - 124
Cyclohexane	25.0	28.7		ug/L		115	59 - 135
Dibromochloromethane	25.0	22.2		ug/L		89	75 - 125
Dichlorodifluoromethane	25.0	28.4		ug/L		114	59 - 135
Ethylbenzene	25.0	24.5		ug/L		98	77 - 123
Isopropylbenzene	25.0	25.7		ug/L		103	77 - 122
Methyl acetate	50.0	41.7		ug/L		83	74 - 133
Methyl tert-butyl ether	25.0	22.7		ug/L		91	77 - 120
Methylcyclohexane	25.0	29.2		ug/L		117	68 - 134
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Styrene	25.0	23.3		ug/L		93	80 - 120
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	22.9		ug/L		92	80 - 120
Trichloroethene	25.0	24.1		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	26.4		ug/L		106	62 - 150
Vinyl chloride	25.0	25.7		ug/L		103	65 - 133
Xylenes, Total	50.0	47.6		ug/L		95	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 724769

Client Sample ID: BCC Area E RFI-32A MS

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		100000	102000		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	ND		100000	96500		ug/L		97	76 - 120

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 724769

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100000	119000		ug/L		119	61 - 148
1,1,2-Trichloroethane	ND		100000	92300		ug/L		92	76 - 122
1,1-Dichloroethane	ND		100000	97200		ug/L		97	77 - 120
1,1-Dichloroethene	ND		100000	110000		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	ND		100000	94500		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	ND		100000	91300		ug/L		91	56 - 134
1,2-Dibromoethane	ND		100000	93000		ug/L		93	77 - 120
1,2-Dichlorobenzene	ND		100000	94700		ug/L		95	80 - 124
1,2-Dichloroethane	ND		100000	93500		ug/L		93	75 - 120
1,2-Dichloropropane	ND		100000	98600		ug/L		99	76 - 120
1,3-Dichlorobenzene	ND		100000	97700		ug/L		98	77 - 120
1,4-Dichlorobenzene	ND		100000	94200		ug/L		94	78 - 124
2-Butanone (MEK)	ND		500000	452000		ug/L		90	57 - 140
2-Hexanone	ND		500000	462000		ug/L		92	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		500000	479000		ug/L		96	71 - 125
Acetone	ND	F2	500000	314000		ug/L		63	56 - 142
Benzene	ND		100000	95700		ug/L		96	71 - 124
Bromodichloromethane	ND		100000	94300		ug/L		94	80 - 122
Bromoform	ND		100000	86100		ug/L		86	61 - 132
Bromomethane	ND		100000	91900		ug/L		92	55 - 144
Carbon disulfide	ND		100000	99300		ug/L		99	59 - 134
Carbon tetrachloride	ND		100000	98000		ug/L		98	72 - 134
Chlorobenzene	110000		100000	203000		ug/L		93	80 - 120
Chloroethane	ND		100000	94300		ug/L		94	69 - 136
Chloroform	ND		100000	90100		ug/L		90	73 - 127
Chloromethane	ND		100000	97300		ug/L		97	68 - 124
cis-1,2-Dichloroethene	ND		100000	91600		ug/L		92	74 - 124
cis-1,3-Dichloropropene	ND		100000	94600		ug/L		95	74 - 124
Cyclohexane	ND		100000	117000		ug/L		117	59 - 135
Dibromochloromethane	ND		100000	88700		ug/L		89	75 - 125
Dichlorodifluoromethane	ND		100000	113000		ug/L		113	59 - 135
Ethylbenzene	ND		100000	102000		ug/L		102	77 - 123
Isopropylbenzene	ND		100000	104000		ug/L		104	77 - 122
Methyl acetate	ND		200000	172000		ug/L		86	74 - 133
Methyl tert-butyl ether	ND		100000	87800		ug/L		88	77 - 120
Methylcyclohexane	ND		100000	117000		ug/L		117	68 - 134
Methylene Chloride	ND		100000	99700		ug/L		100	75 - 124
Styrene	ND		100000	97200		ug/L		97	80 - 120
Tetrachloroethene	ND		100000	101000		ug/L		101	74 - 122
Toluene	ND		100000	98000		ug/L		98	80 - 122
trans-1,2-Dichloroethene	ND		100000	98100		ug/L		98	73 - 127
trans-1,3-Dichloropropene	ND		100000	91700		ug/L		92	80 - 120
Trichloroethene	ND		100000	96800		ug/L		97	74 - 123
Trichlorofluoromethane	ND		100000	106000		ug/L		106	62 - 150
Vinyl chloride	ND		100000	104000		ug/L		104	65 - 133
Xylenes, Total	ND		200000	195000		ug/L		97	76 - 122

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 724769

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	94		75 - 123

Lab Sample ID: 480-223242-3 MSD

Matrix: Ground Water

Analysis Batch: 724769

Client Sample ID: BCC Area E RFI-32A MSD

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		100000	114000		ug/L		114	73 - 126	11	15
1,1,2,2-Tetrachloroethane	ND		100000	95100		ug/L		95	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100000	122000		ug/L		122	61 - 148	3	20
1,1,2-Trichloroethane	ND		100000	92300		ug/L		92	76 - 122	0	15
1,1-Dichloroethane	ND		100000	107000		ug/L		107	77 - 120	10	20
1,1-Dichloroethene	ND		100000	118000		ug/L		118	66 - 127	7	16
1,2,4-Trichlorobenzene	ND		100000	107000		ug/L		107	79 - 122	12	20
1,2-Dibromo-3-Chloropropane	ND		100000	93000		ug/L		93	56 - 134	2	15
1,2-Dibromoethane	ND		100000	91200		ug/L		91	77 - 120	2	15
1,2-Dichlorobenzene	ND		100000	98500		ug/L		99	80 - 124	4	20
1,2-Dichloroethane	ND		100000	97400		ug/L		97	75 - 120	4	20
1,2-Dichloropropane	ND		100000	101000		ug/L		101	76 - 120	2	20
1,3-Dichlorobenzene	ND		100000	100000		ug/L		100	77 - 120	2	20
1,4-Dichlorobenzene	ND		100000	96300		ug/L		96	78 - 124	2	20
2-Butanone (MEK)	ND		500000	478000		ug/L		96	57 - 140	6	20
2-Hexanone	ND		500000	452000		ug/L		90	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		500000	474000		ug/L		95	71 - 125	1	35
Acetone	ND	F2	500000	501000	F2	ug/L		100	56 - 142	46	15
Benzene	ND		100000	103000		ug/L		103	71 - 124	7	13
Bromodichloromethane	ND		100000	98000		ug/L		98	80 - 122	4	15
Bromoform	ND		100000	85100		ug/L		85	61 - 132	1	15
Bromomethane	ND		100000	87500		ug/L		88	55 - 144	5	15
Carbon disulfide	ND		100000	110000		ug/L		110	59 - 134	10	15
Carbon tetrachloride	ND		100000	110000		ug/L		110	72 - 134	11	15
Chlorobenzene	110000		100000	207000		ug/L		97	80 - 120	2	25
Chloroethane	ND		100000	99200		ug/L		99	69 - 136	5	15
Chloroform	ND		100000	100000		ug/L		100	73 - 127	11	20
Chloromethane	ND		100000	107000		ug/L		107	68 - 124	10	15
cis-1,2-Dichloroethene	ND		100000	106000		ug/L		106	74 - 124	14	15
cis-1,3-Dichloropropene	ND		100000	94800		ug/L		95	74 - 124	0	15
Cyclohexane	ND		100000	128000		ug/L		128	59 - 135	9	20
Dibromochloromethane	ND		100000	92100		ug/L		92	75 - 125	4	15
Dichlorodifluoromethane	ND		100000	127000		ug/L		127	59 - 135	12	20
Ethylbenzene	ND		100000	105000		ug/L		105	77 - 123	3	15
Isopropylbenzene	ND		100000	112000		ug/L		112	77 - 122	7	20
Methyl acetate	ND		200000	181000		ug/L		90	74 - 133	5	20
Methyl tert-butyl ether	ND		100000	94600		ug/L		95	77 - 120	7	37
Methylcyclohexane	ND		100000	129000		ug/L		129	68 - 134	10	20

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MSD

Matrix: Ground Water

Analysis Batch: 724769

Client Sample ID: BCC Area E RFI-32A MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride	ND		100000	108000		ug/L		108	75 - 124	8	15
Styrene	ND		100000	96800		ug/L		97	80 - 120	0	20
Tetrachloroethene	ND		100000	105000		ug/L		105	74 - 122	4	20
Toluene	ND		100000	101000		ug/L		101	80 - 122	3	15
trans-1,2-Dichloroethene	ND		100000	108000		ug/L		108	73 - 127	10	20
trans-1,3-Dichloropropene	ND		100000	92300		ug/L		92	80 - 120	1	15
Trichloroethene	ND		100000	105000		ug/L		105	74 - 123	8	16
Trichlorofluoromethane	ND		100000	118000		ug/L		118	62 - 150	11	20
Vinyl chloride	ND		100000	111000		ug/L		111	65 - 133	6	15
Xylenes, Total	ND		200000	200000		ug/L		100	76 - 122	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

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

Lab Sample ID: MB 480-724753/1-A

Matrix: Water

Analysis Batch: 724869

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/11/24 13:02	09/12/24 12:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/11/24 13:02	09/12/24 12:16	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 12:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/11/24 13:02	09/12/24 12:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 12:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 12:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 12:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 12:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/11/24 13:02	09/12/24 12:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/11/24 13:02	09/12/24 12:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 12:16	1
2-Nitroaniline	ND		10	0.42	ug/L		09/11/24 13:02	09/12/24 12:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/11/24 13:02	09/12/24 12:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 12:16	1
3-Nitroaniline	ND		10	0.48	ug/L		09/11/24 13:02	09/12/24 12:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 12:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 12:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/11/24 13:02	09/12/24 12:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 12:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 12:16	1
4-Methylphenol	ND		10	0.36	ug/L		09/11/24 13:02	09/12/24 12:16	1
4-Nitroaniline	ND		10	0.25	ug/L		09/11/24 13:02	09/12/24 12:16	1
4-Nitrophenol	ND		10	1.5	ug/L		09/11/24 13:02	09/12/24 12:16	1
Acenaphthene	ND		5.0	0.41	ug/L		09/11/24 13:02	09/12/24 12:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/11/24 13:02	09/12/24 12:16	1

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: MB 480-724753/1-A

Matrix: Water

Analysis Batch: 724869

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 12:16	1
Aniline	ND		10	0.61	ug/L		09/11/24 13:02	09/12/24 12:16	1
Anthracene	ND		5.0	0.28	ug/L		09/11/24 13:02	09/12/24 12:16	1
Atrazine	ND		5.0	0.46	ug/L		09/11/24 13:02	09/12/24 12:16	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/11/24 13:02	09/12/24 12:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 12:16	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 12:16	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 12:16	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 12:16	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/11/24 13:02	09/12/24 12:16	1
Biphenyl	ND		5.0	0.65	ug/L		09/11/24 13:02	09/12/24 12:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/11/24 13:02	09/12/24 12:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/11/24 13:02	09/12/24 12:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 12:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 12:16	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/11/24 13:02	09/12/24 12:16	1
Caprolactam	ND		5.0	2.2	ug/L		09/11/24 13:02	09/12/24 12:16	1
Carbazole	ND		5.0	0.30	ug/L		09/11/24 13:02	09/12/24 12:16	1
Chrysene	ND		5.0	0.33	ug/L		09/11/24 13:02	09/12/24 12:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/11/24 13:02	09/12/24 12:16	1
Dibenzofuran	ND		10	0.51	ug/L		09/11/24 13:02	09/12/24 12:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/11/24 13:02	09/12/24 12:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 12:16	1
Di-n-butyl phthalate	0.748	J	5.0	0.31	ug/L		09/11/24 13:02	09/12/24 12:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 12:16	1
Fluoranthene	ND		5.0	0.40	ug/L		09/11/24 13:02	09/12/24 12:16	1
Fluorene	ND		5.0	0.36	ug/L		09/11/24 13:02	09/12/24 12:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 12:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/11/24 13:02	09/12/24 12:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 12:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/11/24 13:02	09/12/24 12:16	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/11/24 13:02	09/12/24 12:16	1
Isophorone	ND		5.0	0.43	ug/L		09/11/24 13:02	09/12/24 12:16	1
Naphthalene	ND		5.0	0.76	ug/L		09/11/24 13:02	09/12/24 12:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/11/24 13:02	09/12/24 12:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/11/24 13:02	09/12/24 12:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/11/24 13:02	09/12/24 12:16	1
Pentachlorophenol	ND		10	2.2	ug/L		09/11/24 13:02	09/12/24 12:16	1
Phenanthrene	ND		5.0	0.44	ug/L		09/11/24 13:02	09/12/24 12:16	1
Phenol	ND		5.0	0.39	ug/L		09/11/24 13:02	09/12/24 12:16	1
Pyrene	ND		5.0	0.34	ug/L		09/11/24 13:02	09/12/24 12:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		25 - 144	09/11/24 13:02	09/12/24 12:16	1
2-Fluorobiphenyl	81		53 - 126	09/11/24 13:02	09/12/24 12:16	1
2-Fluorophenol	58		24 - 120	09/11/24 13:02	09/12/24 12:16	1
Nitrobenzene-d5	69		29 - 129	09/11/24 13:02	09/12/24 12:16	1
Phenol-d5	39		10 - 120	09/11/24 13:02	09/12/24 12:16	1

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: MB 480-724753/1-A

Matrix: Water

Analysis Batch: 724869

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724753

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14	99		33 - 132	09/11/24 13:02	09/12/24 12:16	1

Lab Sample ID: LCS 480-724753/2-A

Matrix: Water

Analysis Batch: 724869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	32.0	27.1		ug/L		85	65 - 126
2,4,6-Trichlorophenol	32.0	25.9		ug/L		81	64 - 120
2,4-Dichlorophenol	32.0	25.3		ug/L		79	63 - 120
2,4-Dimethylphenol	32.0	24.3		ug/L		76	47 - 120
2,4-Dinitrophenol	64.0	58.3		ug/L		91	31 - 137
2,4-Dinitrotoluene	32.0	29.3		ug/L		91	69 - 120
2,6-Dinitrotoluene	32.0	29.0		ug/L		91	68 - 120
2-Chloronaphthalene	32.0	25.1		ug/L		78	58 - 120
2-Chlorophenol	32.0	23.7		ug/L		74	48 - 120
2-Methylnaphthalene	32.0	23.4		ug/L		73	59 - 120
2-Methylphenol	32.0	23.0		ug/L		72	39 - 120
2-Nitroaniline	32.0	26.9		ug/L		84	54 - 127
2-Nitrophenol	32.0	25.1		ug/L		79	52 - 125
3,3'-Dichlorobenzidine	32.0	26.6		ug/L		83	49 - 135
3-Nitroaniline	32.0	20.9		ug/L		65	51 - 120
4,6-Dinitro-2-methylphenol	64.0	55.8		ug/L		87	46 - 136
4-Bromophenyl phenyl ether	32.0	26.7		ug/L		83	65 - 120
4-Chloro-3-methylphenol	32.0	24.9		ug/L		78	61 - 123
4-Chloroaniline	32.0	18.9		ug/L		59	30 - 120
4-Chlorophenyl phenyl ether	32.0	27.1		ug/L		85	62 - 120
4-Methylphenol	32.0	22.9		ug/L		72	29 - 131
4-Nitroaniline	32.0	26.7		ug/L		83	65 - 120
4-Nitrophenol	64.0	42.9		ug/L		67	45 - 120
Acenaphthene	32.0	27.5		ug/L		86	60 - 120
Acenaphthylene	32.0	27.9		ug/L		87	63 - 120
Acetophenone	32.0	25.2		ug/L		79	45 - 120
Aniline	32.0	16.8		ug/L		52	12 - 120
Anthracene	32.0	28.2		ug/L		88	67 - 120
Atrazine	64.0	62.0		ug/L		97	71 - 130
Benzaldehyde	64.0	43.8		ug/L		68	10 - 140
Benzo(a)anthracene	32.0	29.7		ug/L		93	70 - 121
Benzo(a)pyrene	32.0	30.3		ug/L		95	60 - 123
Benzo(b)fluoranthene	32.0	30.2		ug/L		94	66 - 126
Benzo(g,h,i)perylene	32.0	33.0		ug/L		103	66 - 150
Benzo(k)fluoranthene	32.0	32.3		ug/L		101	65 - 124
Biphenyl	32.0	25.5		ug/L		80	59 - 120
bis (2-chloroisopropyl) ether	32.0	23.1		ug/L		72	21 - 136
Bis(2-chloroethoxy)methane	32.0	24.8		ug/L		78	50 - 128
Bis(2-chloroethyl)ether	32.0	25.5		ug/L		80	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	28.3		ug/L		89	63 - 139
Butyl benzyl phthalate	32.0	28.5		ug/L		89	70 - 129

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: LCS 480-724753/2-A

Matrix: Water

Analysis Batch: 724869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Caprolactam	64.0	17.5		ug/L		27	22 - 120
Carbazole	32.0	30.8		ug/L		96	66 - 123
Chrysene	32.0	29.6		ug/L		92	69 - 120
Dibenz(a,h)anthracene	32.0	32.6		ug/L		102	65 - 135
Dibenzofuran	32.0	27.4		ug/L		86	66 - 120
Diethyl phthalate	32.0	29.8		ug/L		93	59 - 127
Dimethyl phthalate	32.0	29.6		ug/L		92	68 - 120
Di-n-butyl phthalate	32.0	29.7		ug/L		93	69 - 131
Di-n-octyl phthalate	32.0	28.5		ug/L		89	63 - 140
Fluoranthene	32.0	30.0		ug/L		94	69 - 126
Fluorene	32.0	28.6		ug/L		89	66 - 120
Hexachlorobenzene	32.0	27.2		ug/L		85	61 - 120
Hexachlorobutadiene	32.0	18.9		ug/L		59	35 - 120
Hexachlorocyclopentadiene	32.0	12.7		ug/L		40	31 - 120
Hexachloroethane	32.0	19.5		ug/L		61	33 - 120
Indeno(1,2,3-cd)pyrene	32.0	32.4		ug/L		101	69 - 146
Isophorone	32.0	25.2		ug/L		79	55 - 120
Naphthalene	32.0	23.0		ug/L		72	57 - 120
Nitrobenzene	32.0	24.8		ug/L		77	53 - 123
N-Nitrosodi-n-propylamine	32.0	24.9		ug/L		78	32 - 140
N-Nitrosodiphenylamine	32.0	27.2		ug/L		85	61 - 120
Pentachlorophenol	64.0	44.5		ug/L		70	10 - 136
Phenanthrene	32.0	29.2		ug/L		91	68 - 120
Phenol	32.0	15.2		ug/L		48	17 - 120
Pyrene	32.0	29.6		ug/L		92	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	81		25 - 144
2-Fluorobiphenyl	78		53 - 126
2-Fluorophenol	57		24 - 120
Nitrobenzene-d5	73		29 - 129
Phenol-d5	43		10 - 120
p-Terphenyl-d14	86		33 - 132

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 724869

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Prep Batch: 724753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	ND		32.0	29.5	J	ug/L		92	65 - 126
2,4,6-Trichlorophenol	ND		32.0	27.8	J	ug/L		87	64 - 120
2,4-Dichlorophenol	ND		32.0	25.2	J	ug/L		79	48 - 132
2,4-Dimethylphenol	ND		32.0	23.4	J	ug/L		73	39 - 130
2,4-Dinitrophenol	ND	F1	64.0	146	J F1	ug/L		228	21 - 150
2,4-Dinitrotoluene	ND		32.0	32.6	J	ug/L		102	54 - 138
2,6-Dinitrotoluene	ND		32.0	30.3	J	ug/L		95	17 - 150
2-Chloronaphthalene	ND		32.0	20.5	J	ug/L		64	52 - 124
2-Chlorophenol	66	J	32.0	85.7	J	ug/L		60	48 - 120

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 724869

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Prep Batch: 724753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	ND		32.0	19.9	J	ug/L		62	34 - 140
2-Methylphenol	ND		32.0	19.5	J	ug/L		61	46 - 120
2-Nitroaniline	ND		32.0	30.3	J	ug/L		95	44 - 136
2-Nitrophenol	ND		32.0	28.5	J	ug/L		89	38 - 141
3,3'-Dichlorobenzidine	ND		32.0	18.5	J	ug/L		58	10 - 150
3-Nitroaniline	ND		32.0	31.4	J	ug/L		98	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	90.6	J	ug/L		141	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	25.5	J	ug/L		80	63 - 126
4-Chloro-3-methylphenol	ND		32.0	24.2	J	ug/L		76	64 - 127
4-Chloroaniline	ND		32.0	13.6	J	ug/L		43	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	21.8	J	ug/L		68	61 - 120
4-Methylphenol	ND		32.0	18.1	J	ug/L		57	36 - 120
4-Nitroaniline	ND		32.0	36.6	J	ug/L		114	32 - 150
4-Nitrophenol	ND		64.0	64.3	J	ug/L		101	23 - 132
Acenaphthene	ND		32.0	20.9	J	ug/L		65	48 - 120
Acenaphthylene	ND		32.0	21.4	J	ug/L		67	63 - 120
Acetophenone	ND		32.0	23.4	J	ug/L		73	53 - 120
Aniline	ND		32.0	13.1	J	ug/L		41	32 - 120
Anthracene	ND		32.0	23.6	J	ug/L		74	65 - 122
Atrazine	ND		64.0	41.5	J	ug/L		65	50 - 150
Benzaldehyde	ND		64.0	30.1	J	ug/L		47	10 - 150
Benzo(a)anthracene	ND		32.0	24.5	J	ug/L		77	43 - 124
Benzo(a)pyrene	ND		32.0	22.4	J	ug/L		70	23 - 125
Benzo(b)fluoranthene	ND		32.0	24.4	J	ug/L		76	27 - 127
Benzo(g,h,i)perylene	ND		32.0	22.9	J	ug/L		72	16 - 147
Benzo(k)fluoranthene	ND		32.0	23.9	J	ug/L		75	20 - 124
Biphenyl	ND		32.0	20.3	J	ug/L		63	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	20.4	J	ug/L		64	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	21.0	J	ug/L		66	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	22.6	J	ug/L		71	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	ND		ug/L		NC	16 - 150
Butyl benzyl phthalate	ND		32.0	27.2	J	ug/L		85	51 - 140
Caprolactam	ND	F1	64.0	ND	F1	ug/L		0	10 - 120
Carbazole	ND		32.0	29.3	J	ug/L		91	16 - 148
Chrysene	ND		32.0	25.1	J	ug/L		78	44 - 122
Dibenz(a,h)anthracene	ND		32.0	22.5	J	ug/L		70	16 - 139
Dibenzofuran	ND		32.0	22.6	J	ug/L		71	60 - 120
Diethyl phthalate	ND		32.0	26.4	J	ug/L		83	53 - 133
Dimethyl phthalate	ND		32.0	24.0	J	ug/L		75	59 - 123
Di-n-butyl phthalate	ND		32.0	26.5	J	ug/L		83	65 - 129
Di-n-octyl phthalate	ND		32.0	25.6	J	ug/L		80	16 - 150
Fluoranthene	ND		32.0	24.9	J	ug/L		78	63 - 129
Fluorene	ND		32.0	22.6	J	ug/L		71	62 - 120
Hexachlorobenzene	ND		32.0	28.4	J	ug/L		89	57 - 121
Hexachlorobutadiene	ND		32.0	15.6	J	ug/L		49	37 - 120
Hexachlorocyclopentadiene	ND	F1	32.0	ND	F1	ug/L		0	21 - 120
Hexachloroethane	ND		32.0	17.2	J	ug/L		54	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	21.6	J	ug/L		67	16 - 140
Isophorone	ND		32.0	19.7	J	ug/L		62	48 - 133

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 724869

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Prep Batch: 724753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	ND		32.0	23.3	J	ug/L		73	45 - 120
Nitrobenzene	ND		32.0	21.9	J	ug/L		68	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	18.9	J	ug/L		59	49 - 120
N-Nitrosodiphenylamine	ND		32.0	21.9	J	ug/L		68	39 - 138
Pentachlorophenol	ND		64.0	72.0	J	ug/L		113	10 - 149
Phenanthrene	ND		32.0	25.1	J	ug/L		78	65 - 122
Phenol	ND		32.0	14.0	J	ug/L		44	16 - 120
Pyrene	ND		32.0	26.4	J	ug/L		83	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	95		25 - 144
2-Fluorobiphenyl	67		53 - 126
2-Fluorophenol	50		24 - 120
Nitrobenzene-d5	62		29 - 129
Phenol-d5	51		10 - 120
p-Terphenyl-d14	58		33 - 132

Lab Sample ID: 480-223242-3 MSD

Matrix: Ground Water

Analysis Batch: 724869

Client Sample ID: BCC Area E RFI-32A MSD

Prep Type: Total/NA

Prep Batch: 724753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	30.5	J	ug/L		95	65 - 126	3	18
2,4,6-Trichlorophenol	ND		32.0	30.5	J	ug/L		95	64 - 120	9	19
2,4-Dichlorophenol	ND		32.0	28.7	J	ug/L		90	48 - 132	13	19
2,4-Dimethylphenol	ND		32.0	27.3	J	ug/L		85	39 - 130	16	42
2,4-Dinitrophenol	ND	F1	64.0	146	J F1	ug/L		228	21 - 150	0	22
2,4-Dinitrotoluene	ND		32.0	34.9	J	ug/L		109	54 - 138	7	20
2,6-Dinitrotoluene	ND		32.0	30.6	J	ug/L		96	17 - 150	1	15
2-Chloronaphthalene	ND		32.0	22.9	J	ug/L		71	52 - 124	11	21
2-Chlorophenol	66	J	32.0	93.2	J	ug/L		84	48 - 120	8	25
2-Methylnaphthalene	ND		32.0	22.1	J	ug/L		69	34 - 140	10	21
2-Methylphenol	ND		32.0	20.5	J	ug/L		64	46 - 120	5	27
2-Nitroaniline	ND		32.0	31.2	J	ug/L		97	44 - 136	3	15
2-Nitrophenol	ND		32.0	32.1	J	ug/L		100	38 - 141	12	18
3,3'-Dichlorobenzidine	ND		32.0	17.1	J	ug/L		53	10 - 150	8	25
3-Nitroaniline	ND		32.0	29.6	J	ug/L		92	32 - 150	6	19
4,6-Dinitro-2-methylphenol	ND		64.0	92.9	J	ug/L		145	38 - 150	3	15
4-Bromophenyl phenyl ether	ND		32.0	27.7	J	ug/L		87	63 - 126	8	15
4-Chloro-3-methylphenol	ND		32.0	25.9	J	ug/L		81	64 - 127	7	27
4-Chloroaniline	ND		32.0	14.9	J	ug/L		47	16 - 124	9	22
4-Chlorophenyl phenyl ether	ND		32.0	23.0	J	ug/L		72	61 - 120	6	16
4-Methylphenol	ND		32.0	20.3	J	ug/L		64	36 - 120	12	24
4-Nitroaniline	ND		32.0	36.4	J	ug/L		114	32 - 150	0	24
4-Nitrophenol	ND		64.0	62.0	J	ug/L		97	23 - 132	4	48
Acenaphthene	ND		32.0	23.5	J	ug/L		74	48 - 120	12	24
Acenaphthylene	ND		32.0	23.3	J	ug/L		73	63 - 120	9	18
Acetophenone	ND		32.0	24.9	J	ug/L		78	53 - 120	6	20

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MSD

Matrix: Ground Water

Analysis Batch: 724869

Client Sample ID: BCC Area E RFI-32A MSD

Prep Type: Total/NA

Prep Batch: 724753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aniline	ND		32.0	13.6	J	ug/L		42	32 - 120	4	30
Anthracene	ND		32.0	24.8	J	ug/L		78	65 - 122	5	15
Atrazine	ND		64.0	45.9	J	ug/L		72	50 - 150	10	20
Benzaldehyde	ND		64.0	32.9	J	ug/L		51	10 - 150	9	20
Benzo(a)anthracene	ND		32.0	27.8	J	ug/L		87	43 - 124	13	15
Benzo(a)pyrene	ND		32.0	25.0	J	ug/L		78	23 - 125	11	15
Benzo(b)fluoranthene	ND		32.0	24.5	J	ug/L		77	27 - 127	1	15
Benzo(g,h,i)perylene	ND		32.0	25.6	J	ug/L		80	16 - 147	11	15
Benzo(k)fluoranthene	ND		32.0	26.3	J	ug/L		82	20 - 124	10	22
Biphenyl	ND		32.0	23.0	J	ug/L		72	57 - 120	13	20
bis (2-chloroisopropyl) ether	ND		32.0	22.5	J	ug/L		70	28 - 121	10	24
Bis(2-chloroethoxy)methane	ND		32.0	24.3	J	ug/L		76	44 - 128	15	17
Bis(2-chloroethyl)ether	ND		32.0	24.6	J	ug/L		77	45 - 120	8	21
Bis(2-ethylhexyl) phthalate	ND		32.0	ND		ug/L		NC	16 - 150	NC	15
Butyl benzyl phthalate	ND		32.0	29.1	J	ug/L		91	51 - 140	7	16
Caprolactam	ND	F1	64.0	ND	F1	ug/L		0	10 - 120	NC	20
Carbazole	ND		32.0	30.0	J	ug/L		94	16 - 148	3	20
Chrysene	ND		32.0	28.1	J	ug/L		88	44 - 122	11	15
Dibenz(a,h)anthracene	ND		32.0	25.0	J	ug/L		78	16 - 139	11	15
Dibenzofuran	ND		32.0	25.0	J	ug/L		78	60 - 120	10	15
Diethyl phthalate	ND		32.0	29.0	J	ug/L		91	53 - 133	9	15
Dimethyl phthalate	ND		32.0	25.0	J	ug/L		78	59 - 123	4	15
Di-n-butyl phthalate	ND		32.0	28.8	J	ug/L		90	65 - 129	8	15
Di-n-octyl phthalate	ND		32.0	28.3	J	ug/L		88	16 - 150	10	16
Fluoranthene	ND		32.0	27.1	J	ug/L		85	63 - 129	9	15
Fluorene	ND		32.0	25.1	J	ug/L		78	62 - 120	10	15
Hexachlorobenzene	ND		32.0	31.0	J	ug/L		97	57 - 121	9	15
Hexachlorobutadiene	ND		32.0	17.9	J	ug/L		56	37 - 120	13	44
Hexachlorocyclopentadiene	ND	F1	32.0	ND	F1	ug/L		0	21 - 120	NC	49
Hexachloroethane	ND		32.0	19.1	J	ug/L		60	16 - 130	10	46
Indeno(1,2,3-cd)pyrene	ND		32.0	24.6	J	ug/L		77	16 - 140	13	15
Isophorone	ND		32.0	21.2	J	ug/L		66	48 - 133	7	17
Naphthalene	ND		32.0	26.4	J	ug/L		83	45 - 120	13	29
Nitrobenzene	ND		32.0	25.4	J	ug/L		79	45 - 123	15	24
N-Nitrosodi-n-propylamine	ND		32.0	21.3	J	ug/L		66	49 - 120	12	31
N-Nitrosodiphenylamine	ND		32.0	22.9	J	ug/L		72	39 - 138	5	15
Pentachlorophenol	ND		64.0	74.8	J	ug/L		117	10 - 149	4	37
Phenanthrene	ND		32.0	28.2	J	ug/L		88	65 - 122	12	15
Phenol	ND		32.0	15.9	J	ug/L		50	16 - 120	13	34
Pyrene	ND		32.0	28.1	J	ug/L		88	58 - 128	6	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	103		25 - 144
2-Fluorobiphenyl	73		53 - 126
2-Fluorophenol	62		24 - 120
Nitrobenzene-d5	72		29 - 129
Phenol-d5	57		10 - 120
p-Terphenyl-d14	66		33 - 132

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QC Sample Results

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

Job ID: 480-223242-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-724782/1-A

Matrix: Water

Analysis Batch: 725451

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	^5+	0.20	0.060	mg/L		09/12/24 08:42	09/17/24 22:37	1
Antimony	ND		0.020	0.0068	mg/L		09/12/24 08:42	09/17/24 22:37	1
Arsenic	ND		0.015	0.0056	mg/L		09/12/24 08:42	09/17/24 22:37	1
Barium	ND		0.0020	0.00070	mg/L		09/12/24 08:42	09/17/24 22:37	1
Beryllium	ND		0.0020	0.00030	mg/L		09/12/24 08:42	09/17/24 22:37	1
Cadmium	ND		0.0020	0.00050	mg/L		09/12/24 08:42	09/17/24 22:37	1
Calcium	ND		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:37	1
Chromium	ND		0.0040	0.0010	mg/L		09/12/24 08:42	09/17/24 22:37	1
Cobalt	ND		0.0040	0.00063	mg/L		09/12/24 08:42	09/17/24 22:37	1
Copper	ND		0.010	0.0016	mg/L		09/12/24 08:42	09/17/24 22:37	1
Iron	ND	^5-	0.050	0.019	mg/L		09/12/24 08:42	09/17/24 22:37	1
Magnesium	ND	^5-	0.20	0.043	mg/L		09/12/24 08:42	09/17/24 22:37	1
Manganese	0.000404	J ^5-	0.0030	0.00040	mg/L		09/12/24 08:42	09/17/24 22:37	1
Nickel	ND		0.010	0.0013	mg/L		09/12/24 08:42	09/17/24 22:37	1
Potassium	ND		0.50	0.10	mg/L		09/12/24 08:42	09/17/24 22:37	1
Selenium	ND		0.025	0.0087	mg/L		09/12/24 08:42	09/17/24 22:37	1
Silver	ND	^5-	0.0060	0.0017	mg/L		09/12/24 08:42	09/17/24 22:37	1
Sodium	ND		1.0	0.32	mg/L		09/12/24 08:42	09/17/24 22:37	1
Thallium	ND		0.020	0.010	mg/L		09/12/24 08:42	09/17/24 22:37	1
Vanadium	ND		0.0050	0.0015	mg/L		09/12/24 08:42	09/17/24 22:37	1
Zinc	0.00260	J ^5-	0.010	0.0015	mg/L		09/12/24 08:42	09/17/24 22:37	1

Lab Sample ID: MB 480-724782/1-A

Matrix: Water

Analysis Batch: 725563

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0030	mg/L		09/12/24 08:42	09/18/24 15:59	1

Lab Sample ID: LCS 480-724782/2-A

Matrix: Water

Analysis Batch: 725451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724782

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.10	5.01	^5+	mg/L		98	80 - 120
Antimony	0.500	0.504		mg/L		101	80 - 120
Arsenic	1.00	1.03		mg/L		103	80 - 120
Barium	1.00	1.03		mg/L		103	80 - 120
Beryllium	0.500	0.524		mg/L		105	80 - 120
Cadmium	0.500	0.522		mg/L		104	80 - 120
Calcium	25.0	25.50		mg/L		102	80 - 120
Chromium	0.500	0.519		mg/L		104	80 - 120
Cobalt	0.500	0.501		mg/L		100	80 - 120
Copper	0.500	0.496		mg/L		99	80 - 120
Iron	5.10	5.51	^5-	mg/L		108	80 - 120
Magnesium	25.0	24.59	^5-	mg/L		98	80 - 120
Manganese	0.500	0.494	^5-	mg/L		99	80 - 120
Nickel	0.500	0.517		mg/L		103	80 - 120
Potassium	25.0	25.17		mg/L		101	80 - 120

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: LCS 480-724782/2-A

Matrix: Water

Analysis Batch: 725451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724782

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	1.00	1.00		mg/L		100	80 - 120
Silver	0.0500	0.0507	^5-	mg/L		101	80 - 120
Sodium	25.0	25.63		mg/L		103	80 - 120
Thallium	1.00	0.973		mg/L		97	80 - 120
Vanadium	0.500	0.509		mg/L		102	80 - 120
Zinc	0.500	0.549	^5-	mg/L		110	80 - 120

Lab Sample ID: LCS 480-724782/2-A

Matrix: Water

Analysis Batch: 725563

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724782

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.547		mg/L		109	80 - 120

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 725451

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Prep Batch: 724782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND	^5+	5.10	5.23	^5+	mg/L		103	75 - 125
Antimony	ND		0.500	0.529		mg/L		106	75 - 125
Arsenic	0.017		1.00	1.10		mg/L		108	75 - 125
Barium	0.024		1.00	1.09		mg/L		107	75 - 125
Beryllium	ND		0.500	0.527		mg/L		105	75 - 125
Cadmium	ND		0.500	0.549		mg/L		110	75 - 125
Calcium	350		25.0	384.2	4	mg/L		137	75 - 125
Chromium	ND		0.500	0.514		mg/L		103	75 - 125
Cobalt	0.0020	J	0.500	0.507		mg/L		101	75 - 125
Copper	ND		0.500	0.547		mg/L		109	75 - 125
Iron	4.9	^5-	5.10	10.68	^5-	mg/L		113	75 - 125
Magnesium	98.5	^5-	25.0	128.4	^5-	mg/L		120	75 - 125
Manganese	0.75	^5- B	0.500	1.27	^5-	mg/L		104	75 - 125
Nickel	0.0048	J	0.500	0.517		mg/L		102	75 - 125
Potassium	2.6		25.0	29.26		mg/L		107	75 - 125
Selenium	ND		1.00	1.08		mg/L		108	75 - 125
Silver	ND	^5-	0.0500	0.0538	^5-	mg/L		108	75 - 125
Sodium	140		25.0	177.2	4	mg/L		149	75 - 125
Thallium	ND		1.00	1.03		mg/L		103	75 - 125
Vanadium	ND		0.500	0.512		mg/L		102	75 - 125
Zinc	ND	^5-	0.500	0.522	^5-	mg/L		104	75 - 125

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 725563

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Prep Batch: 724782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.0038	J	0.500	0.566		mg/L		112	75 - 125

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MSD

Matrix: Ground Water

Analysis Batch: 725451

Client Sample ID: BCC Area E RFI-32A MSD

Prep Type: Total/NA

Prep Batch: 724782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	ND	^5+	5.10	5.09	^5+	mg/L		100	75 - 125	3	20
Antimony	ND		0.500	0.510		mg/L		102	75 - 125	4	20
Arsenic	0.017		1.00	1.07		mg/L		105	75 - 125	3	20
Barium	0.024		1.00	1.07		mg/L		105	75 - 125	2	20
Beryllium	ND		0.500	0.514		mg/L		103	75 - 125	2	20
Cadmium	ND		0.500	0.536		mg/L		107	75 - 125	2	20
Calcium	350		25.0	367.8	4	mg/L		72	75 - 125	4	20
Chromium	ND		0.500	0.498		mg/L		100	75 - 125	3	20
Cobalt	0.0020	J	0.500	0.493		mg/L		98	75 - 125	3	20
Copper	ND		0.500	0.530		mg/L		106	75 - 125	3	20
Iron	4.9	^5-	5.10	10.28	^5-	mg/L		105	75 - 125	4	20
Magnesium	98.5	^5-	25.0	122.7	^5-	mg/L		97	75 - 125	5	20
Manganese	0.75	^5- B	0.500	1.23	^5-	mg/L		94	75 - 125	4	20
Nickel	0.0048	J	0.500	0.498		mg/L		99	75 - 125	4	20
Potassium	2.6		25.0	28.58		mg/L		104	75 - 125	2	20
Selenium	ND		1.00	1.05		mg/L		105	75 - 125	3	20
Silver	ND	^5-	0.0500	0.0528	^5-	mg/L		106	75 - 125	2	20
Sodium	140		25.0	164.0	4	mg/L		97	75 - 125	8	20
Thallium	ND		1.00	1.00		mg/L		100	75 - 125	3	20
Vanadium	ND		0.500	0.501		mg/L		100	75 - 125	2	20
Zinc	ND	^5-	0.500	0.504	^5-	mg/L		101	75 - 125	3	20

Lab Sample ID: 480-223242-3 MSD

Matrix: Ground Water

Analysis Batch: 725563

Client Sample ID: BCC Area E RFI-32A MSD

Prep Type: Total/NA

Prep Batch: 724782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.0038	J	0.500	0.558		mg/L		111	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-724834/1-A

Matrix: Water

Analysis Batch: 724940

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/12/24 10:53	09/12/24 14:18	1

Lab Sample ID: LCS 480-724834/2-A

Matrix: Water

Analysis Batch: 724940

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00764		mg/L		114	80 - 120

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QC Sample Results

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

Job ID: 480-223242-1

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

Lab Sample ID: 480-223242-3 MS

Matrix: Ground Water

Analysis Batch: 724940

Client Sample ID: BCC Area E RFI-32A MS

Prep Type: Total/NA

Prep Batch: 724834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00669	0.00712		mg/L		106	80 - 120

Lab Sample ID: 480-223242-3 MSD

Matrix: Ground Water

Analysis Batch: 724940

Client Sample ID: BCC Area E RFI-32A MSD

Prep Type: Total/NA

Prep Batch: 724834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00669	0.00707		mg/L		106	80 - 120	1	20

Method: D516-90, 02 - Sulfate

Lab Sample ID: MB 480-725109/33

Matrix: Water

Analysis Batch: 725109

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			09/13/24 13:00	1

Lab Sample ID: MB 480-725109/41

Matrix: Water

Analysis Batch: 725109

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			09/13/24 13:05	1

Lab Sample ID: MB 480-725109/64

Matrix: Water

Analysis Batch: 725109

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			09/13/24 13:58	1

Lab Sample ID: MB 480-725109/71

Matrix: Water

Analysis Batch: 725109

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			09/13/24 14:01	1

Lab Sample ID: LCS 480-725109/40

Matrix: Water

Analysis Batch: 725109

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	30.34		mg/L		101	90 - 110

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QC Sample Results

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

Job ID: 480-223242-1

Method: D516-90, 02 - Sulfate (Continued)

Lab Sample ID: LCS 480-725109/70
Matrix: Water
Analysis Batch: 725109

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	30.02		mg/L		100	90 - 110

Method: SM 5310D - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-725465/4
Matrix: Water
Analysis Batch: 725465

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			09/16/24 16:28	1

Lab Sample ID: LCS 480-725465/5
Matrix: Water
Analysis Batch: 725465

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	61.12		mg/L		102	90 - 110

QC Association Summary

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

Job ID: 480-223242-1

GC/MS VOA

Analysis Batch: 724679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	8260C	
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	8260C	
MB 480-724679/8	Method Blank	Total/NA	Water	8260C	
LCS 480-724679/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 724769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	8260C	
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	8260C	
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	8260C	
480-223242-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-724769/8	Method Blank	Total/NA	Water	8260C	
LCS 480-724769/6	Lab Control Sample	Total/NA	Water	8260C	
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	8260C	
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 724753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	3510C	
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	3510C	
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	3510C	
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	3510C	
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	3510C	
MB 480-724753/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-724753/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	3510C	
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	3510C	

Analysis Batch: 724869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	8270D	724753
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	8270D	724753
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	8270D	724753
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	8270D	724753
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	8270D	724753
MB 480-724753/1-A	Method Blank	Total/NA	Water	8270D	724753
LCS 480-724753/2-A	Lab Control Sample	Total/NA	Water	8270D	724753
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	8270D	724753
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	8270D	724753

Metals

Prep Batch: 724782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	3005A	
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	3005A	
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	3005A	
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	3005A	
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	3005A	
MB 480-724782/1-A	Method Blank	Total/NA	Water	3005A	

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QC Association Summary

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

Job ID: 480-223242-1

Metals (Continued)

Prep Batch: 724782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-724782/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	3005A	
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	3005A	

Prep Batch: 724834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	7470A	
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	7470A	
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	7470A	
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	7470A	
MB 480-724834/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-724834/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	7470A	
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	7470A	

Analysis Batch: 724940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	7470A	724834
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	7470A	724834
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	724834
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	7470A	724834
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	7470A	724834
MB 480-724834/1-A	Method Blank	Total/NA	Water	7470A	724834
LCS 480-724834/2-A	Lab Control Sample	Total/NA	Water	7470A	724834
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	7470A	724834
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	7470A	724834

Analysis Batch: 725451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	6010C	724782
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	6010C	724782
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	724782
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	6010C	724782
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	6010C	724782
MB 480-724782/1-A	Method Blank	Total/NA	Water	6010C	724782
LCS 480-724782/2-A	Lab Control Sample	Total/NA	Water	6010C	724782
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	6010C	724782
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	6010C	724782

Analysis Batch: 725563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-1	BCC Area E MW-E05	Total/NA	Ground Water	6010C	724782
480-223242-2	BCC Area E RFI-29	Total/NA	Ground Water	6010C	724782
480-223242-3	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	724782
480-223242-4	BCC Area E RFI-33	Total/NA	Ground Water	6010C	724782
480-223242-5	BCC Area E FRI- 32A D	Total/NA	Ground Water	6010C	724782
MB 480-724782/1-A	Method Blank	Total/NA	Water	6010C	724782
LCS 480-724782/2-A	Lab Control Sample	Total/NA	Water	6010C	724782
480-223242-3 MS	BCC Area E RFI-32A MS	Total/NA	Ground Water	6010C	724782
480-223242-3 MSD	BCC Area E RFI-32A MSD	Total/NA	Ground Water	6010C	724782

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QC Association Summary

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

Job ID: 480-223242-1

General Chemistry

Analysis Batch: 725109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-7	BCC Area E RFI - 32A	Total/NA	Water	D516-90, 02	
MB 480-725109/33	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-725109/41	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-725109/64	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-725109/71	Method Blank	Total/NA	Water	D516-90, 02	
LCS 480-725109/40	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-725109/70	Lab Control Sample	Total/NA	Water	D516-90, 02	

Analysis Batch: 725465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223242-7	BCC Area E RFI - 32A	Total/NA	Water	SM 5310D	
MB 480-725465/4	Method Blank	Total/NA	Water	SM 5310D	
LCS 480-725465/5	Lab Control Sample	Total/NA	Water	SM 5310D	

Lab Chronicle

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-223242-1

Date Collected: 09/09/24 11:25

Matrix: Ground Water

Date Received: 09/10/24 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724679	ZN	EET BUF	09/11/24 15:25
Total/NA	Prep	3510C			724753	LSC	EET BUF	09/11/24 13:02
Total/NA	Analysis	8270D		1	724869	JMM	EET BUF	09/12/24 14:33
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725563	ESB	EET BUF	09/18/24 16:02
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725451	BMB	EET BUF	09/17/24 22:40
Total/NA	Prep	7470A			724834	ESB	EET BUF	09/12/24 10:53
Total/NA	Analysis	7470A		1	724940	ESB	EET BUF	09/12/24 14:20

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-223242-2

Date Collected: 09/09/24 12:30

Matrix: Ground Water

Date Received: 09/10/24 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724679	ZN	EET BUF	09/11/24 15:48
Total/NA	Prep	3510C			724753	LSC	EET BUF	09/11/24 13:02
Total/NA	Analysis	8270D		1	724869	JMM	EET BUF	09/12/24 15:01
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725563	ESB	EET BUF	09/18/24 16:04
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725451	BMB	EET BUF	09/17/24 22:42
Total/NA	Prep	7470A			724834	ESB	EET BUF	09/12/24 10:53
Total/NA	Analysis	7470A		1	724940	ESB	EET BUF	09/12/24 14:22

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-223242-3

Date Collected: 09/09/24 09:00

Matrix: Ground Water

Date Received: 09/10/24 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4000	724769	ZN	EET BUF	09/11/24 23:56
Total/NA	Prep	3510C			724753	LSC	EET BUF	09/11/24 13:02
Total/NA	Analysis	8270D		20	724869	JMM	EET BUF	09/12/24 14:06
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725563	ESB	EET BUF	09/18/24 16:14
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725451	BMB	EET BUF	09/17/24 22:44
Total/NA	Prep	7470A			724834	ESB	EET BUF	09/12/24 10:53
Total/NA	Analysis	7470A		1	724940	ESB	EET BUF	09/12/24 14:23

Lab Chronicle

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

Job ID: 480-223242-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-223242-4

Date Collected: 09/09/24 10:20

Matrix: Ground Water

Date Received: 09/10/24 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	724769	ZN	EET BUF	09/12/24 00:19
Total/NA	Prep	3510C			724753	LSC	EET BUF	09/11/24 13:02
Total/NA	Analysis	8270D		1	724869	JMM	EET BUF	09/12/24 15:29
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725563	ESB	EET BUF	09/18/24 16:23
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725451	BMB	EET BUF	09/17/24 22:59
Total/NA	Prep	7470A			724834	ESB	EET BUF	09/12/24 10:53
Total/NA	Analysis	7470A		1	724940	ESB	EET BUF	09/12/24 14:28

Client Sample ID: BCC Area E FRI- 32A D

Lab Sample ID: 480-223242-5

Date Collected: 09/09/24 09:05

Matrix: Ground Water

Date Received: 09/10/24 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4000	724769	ZN	EET BUF	09/12/24 00:42
Total/NA	Prep	3510C			724753	LSC	EET BUF	09/11/24 13:02
Total/NA	Analysis	8270D		5	724869	JMM	EET BUF	09/12/24 15:56
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725563	ESB	EET BUF	09/18/24 16:25
Total/NA	Prep	3005A			724782	EMO	EET BUF	09/12/24 08:42
Total/NA	Analysis	6010C		1	725451	BMB	EET BUF	09/17/24 23:01
Total/NA	Prep	7470A			724834	ESB	EET BUF	09/12/24 10:53
Total/NA	Analysis	7470A		1	724940	ESB	EET BUF	09/12/24 14:29

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223242-6

Date Collected: 09/09/24 09:00

Matrix: Water

Date Received: 09/10/24 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724769	ZN	EET BUF	09/12/24 01:06

Client Sample ID: BCC Area E RFI - 32A

Lab Sample ID: 480-223242-7

Date Collected: 09/09/24 09:00

Matrix: Water

Date Received: 09/10/24 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D516-90, 02		30	725109	CG	EET BUF	09/13/24 14:59
Total/NA	Analysis	SM 5310D		1	725465	AF	EET BUF	09/16/24 20:15

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-223242-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 5310D		Water	Total Organic Carbon

Method Summary

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

Job ID: 480-223242-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
D516-90, 02	Sulfate	ASTM	EET BUF
SM 5310D	Organic Carbon, Total (TOC)	SM	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

ASTM = ASTM International

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

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

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

Job ID: 480-223242-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223242-1	BCC Area E MW-E05	Ground Water	09/09/24 11:25	09/10/24 15:00
480-223242-2	BCC Area E RFI-29	Ground Water	09/09/24 12:30	09/10/24 15:00
480-223242-3	BCC Area E RFI-32A	Ground Water	09/09/24 09:00	09/10/24 15:00
480-223242-4	BCC Area E RFI-33	Ground Water	09/09/24 10:20	09/10/24 15:00
480-223242-5	BCC Area E FRI- 32A D	Ground Water	09/09/24 09:05	09/10/24 15:00
480-223242-6	TRIP BLANK	Water	09/09/24 09:00	09/10/24 15:00
480-223242-7	BCC Area E RFI - 32A	Water	09/09/24 09:00	09/10/24 15:00

Chain of Custody Record



Environment Testing

Client Information		Lab PM: Schove, John R		Carrier Tracking No(s): 05C		COC No: 480-198754-6267.1	
Client Contact: Kirsten Colligan		E-Mail: John.Schove@et.eurofins.com		State of Origin: NY		Page: Page 1 of 1	
Company: Ontario Specialty Contracting, Inc.		PWSID:		Analysis Requested		Job #: 16011	
Address: 140 Lee St.		Due Date Requested: 2 weeks		Field Filtered Sample (Yes or No)		Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4	
City: Buffalo		TAT Requested (days): Standard		Matrix (Water, Soil, On-water, On-soil)		Other:	
State, Zip: NY, 14210		Compliance Project: Δ Yes Δ No		Sample Type (C=Comp, G=grab)		Total Number of Containers	
Phone: 716-956-3333		PO #: 66666		Sample Time		Special Instructions/Note:	
Email: kcolligan@oscinc.com		WO #: 67603		Sample Date		Special Instructions/Note:	
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area		Project #: 48003159		Preservation Code:		Special Instructions/Note:	
Site: New York		SSOW#		Sample Date		Special Instructions/Note:	
Sample Identification		Sample Date		Sample Time		Sample Matrix	
BCC Area E MW-E05		9-9-24		11:25		Water	
BCC Area E RFI-29				12:30		Water	
BCC Area E RFI-32A				9:00		Water	
BCC Area E RFI-33				10:20		Water	
BCC Area E RFI-32A D				9:05		Water	
BCC Area E RFI-32A MS				9:10		Water	
BCC Area E RFI-32A MSD				9:15		Water	
TRIP BLANK				9:00		Water	
BCC Area E RFI-32A				9:00		Water	
Possible Hazard Identification		Sample Date		Sample Time		Sample Matrix	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Date		Sample Time		Sample Matrix	
Deliverable Requested: I, II, III, IV, Other (specify)		Sample Date		Sample Time		Sample Matrix	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Jeff A. Houghman		Date/Time: 9-9-2024 15:00		Company: OSC		Received by: MS	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	
Custody Seals Intact: A Yes Δ No		Custody Seal No: 253 4461		Cooler Temperature(s) °C and Other Remarks: 14.4 # Ice		Ver: 04/02/2024	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-223242-1

Login Number: 223242

List Number: 1

Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	14.4 #1 ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Ontario Specialty Contracting
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210

Generated 3/25/2024 4:46:14 PM

JOB DESCRIPTION

OSC- Former Buffalo Color Sites - 37745-Area E
Buffalo Color Area E Wells

JOB NUMBER

480-217856-1

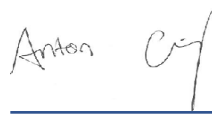
Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Definitions/Glossary

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

Job ID: 480-217856-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

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

Job ID: 480-217856-1

Job ID: 480-217856-1

Eurofins Buffalo

Job Narrative 480-217856-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/14/2024 2:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32A D (480-217856-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container(s): TRIP BLANK (480-217856-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-704121 recovered outside control limits for the following analytes: trans-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: Surrogate recovery in the continuing calibration verification (CCV) was outside the 20%D recovery but within house limits. The following sample is impacted: BCC Area E RFI-32A D (480-217856-1) .

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32A (480-217856-4), BCC Area E RFI-32A (480-217856-4[MS]) and BCC Area E RFI-32A (480-217856-4[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The results reported for the following sample do not concur with results previously reported for this site: BCC Area E RFI-33 (480-217856-5). Reanalysis was performed, and the result(s) confirmed.

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

GC/MS Semi VOA

Method 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area E RFI-32A D (480-217856-1), BCC Area E RFI-32A (480-217856-4), BCC Area E RFI-32A (480-217856-4[MS]) and BCC Area E RFI-32A (480-217856-4[MSD]). Elevated reporting limits (RLs) are provided.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area E RFI-32A (480-217856-4[MS]) and BCC Area E RFI-32A (480-217856-4[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The following sample required a dilution due to the nature of the sample matrix: BCC Area E RFI-32A (480-217856-4). 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 8270D: The continuing calibration verification (CCV) associated with batch 480-704253 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-704403 recovered above the upper control limit for Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data

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Case Narrative

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

Job ID: 480-217856-1

Job ID: 480-217856-1 (Continued)

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have been reported. The associated sample is impacted: BCC Area E RFI-33 (480-217856-5).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-704403 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

Metals

Method 6010C: The low level continuing calibration verification (CCVL) for analytical batch 480-704899 recovered above the upper control limit for (total Copper and Chromium). The sample associated with this CCVL were ND; therefore, re-analysis of samples BCC Area E RFI-29 (480-217856-3) was not performed.

Method 6010C: The low level continuing calibration verification (CCVL) for analytical batch 480-704899 recovered above the upper control limit for (total Copper). The sample associated with this CCVL were ND; therefore, re-analysis of samples BCC Area E RFI-32A D (480-217856-1) was not performed.

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

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Detection Summary

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A D

Lab Sample ID: 480-217856-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	150000		4000	3000	ug/L	4000		8260C	Total/NA
2-Chlorophenol	150		25	2.7	ug/L	5		8270D	Total/NA
Naphthalene	4.7	J	25	3.8	ug/L	5		8270D	Total/NA
Arsenic	0.0098	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.019		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	401		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	5.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0061	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	131		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0033	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	174		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0029	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-217856-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.8		1.0	0.75	ug/L	1		8260C	Total/NA
Barium	0.050		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.027		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	228		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0034	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.16		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.081		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.018		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	26.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.10		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.021		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	119		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	4.7	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-217856-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	3.7		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	3.4		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	31		1.0	0.75	ug/L	1		8260C	Total/NA
4-Chloroaniline	0.63	J	5.0	0.59	ug/L	1		8270D	Total/NA
Barium	0.059		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	102		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.17		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0040	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	14.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.19		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	227		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-217856-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	170000		4000	3000	ug/L	4000		8260C	Total/NA
2-Chlorophenol	130	F1	100	11	ug/L	20		8270D	Total/NA
Arsenic	0.0083	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.020		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	391		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0016	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0022	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.7	F1	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0061	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	130		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.76		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0033	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	175		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0025	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-217856-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.29	J	1.0	0.19	ug/L	1		8260C	Total/NA
Barium	0.037		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	87.4		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0088		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0023	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.073		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0052	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	14.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.026		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0059	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.76		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	52.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0035	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-217856-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.0	B	1.0	0.44	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A D

Lab Sample ID: 480-217856-1

Date Collected: 03/14/24 11:10

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4000	3300	ug/L			03/18/24 15:49	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			03/18/24 15:49	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			03/18/24 15:49	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			03/18/24 15:49	4000
1,1-Dichloroethane	ND		4000	1500	ug/L			03/18/24 15:49	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			03/18/24 15:49	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			03/18/24 15:49	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			03/18/24 15:49	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			03/18/24 15:49	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			03/18/24 15:49	4000
1,2-Dichloroethane	ND		4000	840	ug/L			03/18/24 15:49	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			03/18/24 15:49	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			03/18/24 15:49	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			03/18/24 15:49	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			03/18/24 15:49	4000
2-Hexanone	ND		20000	5000	ug/L			03/18/24 15:49	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			03/18/24 15:49	4000
Acetone	ND		40000	12000	ug/L			03/18/24 15:49	4000
Benzene	ND		4000	1600	ug/L			03/18/24 15:49	4000
Bromodichloromethane	ND		4000	1600	ug/L			03/18/24 15:49	4000
Bromoform	ND		4000	1000	ug/L			03/18/24 15:49	4000
Bromomethane	ND		4000	2800	ug/L			03/18/24 15:49	4000
Carbon disulfide	ND		4000	760	ug/L			03/18/24 15:49	4000
Carbon tetrachloride	ND		4000	1100	ug/L			03/18/24 15:49	4000
Chlorobenzene	150000		4000	3000	ug/L			03/18/24 15:49	4000
Chloroethane	ND		4000	1300	ug/L			03/18/24 15:49	4000
Chloroform	ND		4000	1400	ug/L			03/18/24 15:49	4000
Chloromethane	ND		4000	1400	ug/L			03/18/24 15:49	4000
cis-1,2-Dichloroethene	ND		4000	3200	ug/L			03/18/24 15:49	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			03/18/24 15:49	4000
Cyclohexane	ND		4000	720	ug/L			03/18/24 15:49	4000
Dibromochloromethane	ND		4000	1300	ug/L			03/18/24 15:49	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			03/18/24 15:49	4000
Ethylbenzene	ND		4000	3000	ug/L			03/18/24 15:49	4000
Isopropylbenzene	ND		4000	3200	ug/L			03/18/24 15:49	4000
Methyl acetate	ND		10000	5200	ug/L			03/18/24 15:49	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			03/18/24 15:49	4000
Methylcyclohexane	ND		4000	640	ug/L			03/18/24 15:49	4000
Methylene Chloride	ND		4000	1800	ug/L			03/18/24 15:49	4000
Styrene	ND		4000	2900	ug/L			03/18/24 15:49	4000
Tetrachloroethene	ND		4000	1400	ug/L			03/18/24 15:49	4000
Toluene	ND		4000	2000	ug/L			03/18/24 15:49	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			03/18/24 15:49	4000
trans-1,3-Dichloropropene	ND	+	4000	1500	ug/L			03/18/24 15:49	4000
Trichloroethene	ND		4000	1800	ug/L			03/18/24 15:49	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			03/18/24 15:49	4000
Vinyl chloride	ND		4000	3600	ug/L			03/18/24 15:49	4000
Xylenes, Total	ND		8000	2600	ug/L			03/18/24 15:49	4000

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A D

Lab Sample ID: 480-217856-1

Date Collected: 03/14/24 11:10

Matrix: Ground Water

Date Received: 03/14/24 14:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		77 - 120		03/18/24 15:49	4000
4-Bromofluorobenzene (Surr)	95		73 - 120		03/18/24 15:49	4000
Toluene-d8 (Surr)	101		80 - 120		03/18/24 15:49	4000
Dibromofluoromethane (Surr)	76		75 - 123		03/18/24 15:49	4000

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		03/18/24 13:41	03/19/24 15:01	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		03/18/24 13:41	03/19/24 15:01	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		03/18/24 13:41	03/19/24 15:01	5
2,4-Dinitrophenol	ND		50	11	ug/L		03/18/24 13:41	03/19/24 15:01	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		03/18/24 13:41	03/19/24 15:01	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
2-Chloronaphthalene	ND		25	2.3	ug/L		03/18/24 13:41	03/19/24 15:01	5
2-Chlorophenol	150		25	2.7	ug/L		03/18/24 13:41	03/19/24 15:01	5
2-Methylnaphthalene	ND		25	3.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
2-Methylphenol	ND		25	2.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
2-Nitroaniline	ND		50	2.1	ug/L		03/18/24 13:41	03/19/24 15:01	5
2-Nitrophenol	ND		25	2.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
3-Nitroaniline	ND		50	2.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		03/18/24 13:41	03/19/24 15:01	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		03/18/24 13:41	03/19/24 15:01	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		03/18/24 13:41	03/19/24 15:01	5
4-Chloroaniline	ND		25	3.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
4-Methylphenol	ND		50	1.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
4-Nitroaniline	ND		50	1.3	ug/L		03/18/24 13:41	03/19/24 15:01	5
4-Nitrophenol	ND		50	7.6	ug/L		03/18/24 13:41	03/19/24 15:01	5
Acenaphthene	ND		25	2.1	ug/L		03/18/24 13:41	03/19/24 15:01	5
Acenaphthylene	ND		25	1.9	ug/L		03/18/24 13:41	03/19/24 15:01	5
Acetophenone	ND		25	2.7	ug/L		03/18/24 13:41	03/19/24 15:01	5
Aniline	ND		50	3.1	ug/L		03/18/24 13:41	03/19/24 15:01	5
Anthracene	ND		25	1.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
Atrazine	ND		25	2.3	ug/L		03/18/24 13:41	03/19/24 15:01	5
Benzaldehyde	ND		25	1.3	ug/L		03/18/24 13:41	03/19/24 15:01	5
Benzo(a)anthracene	ND		25	1.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
Benzo(a)pyrene	ND		25	2.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		03/18/24 13:41	03/19/24 15:01	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		03/18/24 13:41	03/19/24 15:01	5
Biphenyl	ND		25	3.3	ug/L		03/18/24 13:41	03/19/24 15:01	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		03/18/24 13:41	03/19/24 15:01	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		03/18/24 13:41	03/19/24 15:01	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
Caprolactam	ND		25	11	ug/L		03/18/24 13:41	03/19/24 15:01	5
Carbazole	ND		25	1.5	ug/L		03/18/24 13:41	03/19/24 15:01	5

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A D

Lab Sample ID: 480-217856-1

Date Collected: 03/14/24 11:10

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		03/18/24 13:41	03/19/24 15:01	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		03/18/24 13:41	03/19/24 15:01	5
Dibenzofuran	ND		50	2.6	ug/L		03/18/24 13:41	03/19/24 15:01	5
Diethyl phthalate	ND		25	1.1	ug/L		03/18/24 13:41	03/19/24 15:01	5
Dimethyl phthalate	ND		25	1.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		03/18/24 13:41	03/19/24 15:01	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
Fluoranthene	ND		25	2.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
Fluorene	ND		25	1.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
Hexachlorobenzene	ND		25	2.6	ug/L		03/18/24 13:41	03/19/24 15:01	5
Hexachlorobutadiene	ND		25	3.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
Hexachloroethane	ND		25	3.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		03/18/24 13:41	03/19/24 15:01	5
Isophorone	ND		25	2.2	ug/L		03/18/24 13:41	03/19/24 15:01	5
Naphthalene	4.7	J	25	3.8	ug/L		03/18/24 13:41	03/19/24 15:01	5
Nitrobenzene	ND		25	1.5	ug/L		03/18/24 13:41	03/19/24 15:01	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		03/18/24 13:41	03/19/24 15:01	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		03/18/24 13:41	03/19/24 15:01	5
Pentachlorophenol	ND		50	11	ug/L		03/18/24 13:41	03/19/24 15:01	5
Phenanthrene	ND		25	2.2	ug/L		03/18/24 13:41	03/19/24 15:01	5
Phenol	ND		25	2.0	ug/L		03/18/24 13:41	03/19/24 15:01	5
Pyrene	ND		25	1.7	ug/L		03/18/24 13:41	03/19/24 15:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		41 - 120	03/18/24 13:41	03/19/24 15:01	5
2-Fluorobiphenyl	97		48 - 120	03/18/24 13:41	03/19/24 15:01	5
2-Fluorophenol	70		35 - 120	03/18/24 13:41	03/19/24 15:01	5
Nitrobenzene-d5	80		46 - 120	03/18/24 13:41	03/19/24 15:01	5
Phenol-d5	52		22 - 120	03/18/24 13:41	03/19/24 15:01	5
p-Terphenyl-d14	79		60 - 148	03/18/24 13:41	03/19/24 15:01	5

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/18/24 09:08	03/22/24 20:59	1
Antimony	ND		0.020	0.0068	mg/L		03/18/24 09:08	03/22/24 20:59	1
Arsenic	0.0098	J	0.015	0.0056	mg/L		03/18/24 09:08	03/22/24 20:59	1
Barium	0.019		0.0020	0.00070	mg/L		03/18/24 09:08	03/22/24 20:59	1
Beryllium	ND		0.0020	0.00030	mg/L		03/18/24 09:08	03/22/24 20:59	1
Cadmium	ND		0.0020	0.00050	mg/L		03/18/24 09:08	03/22/24 20:59	1
Calcium	401		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 20:59	1
Chromium	ND		0.0040	0.0010	mg/L		03/18/24 09:08	03/25/24 14:00	1
Cobalt	0.0014	J	0.0040	0.00063	mg/L		03/18/24 09:08	03/22/24 20:59	1
Copper	ND	^+	0.010	0.0016	mg/L		03/18/24 09:08	03/22/24 20:59	1
Iron	5.8		0.050	0.019	mg/L		03/18/24 09:08	03/22/24 20:59	1
Lead	0.0061	J	0.010	0.0030	mg/L		03/18/24 09:08	03/22/24 20:59	1
Magnesium	131		0.20	0.043	mg/L		03/18/24 09:08	03/22/24 20:59	1
Manganese	0.75		0.0030	0.00040	mg/L		03/18/24 09:08	03/22/24 20:59	1
Nickel	0.0033	J	0.010	0.0013	mg/L		03/18/24 09:08	03/22/24 20:59	1
Potassium	2.8		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 20:59	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A D

Lab Sample ID: 480-217856-1

Date Collected: 03/14/24 11:10

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/18/24 09:08	03/22/24 20:59	1
Silver	ND		0.0060	0.0017	mg/L		03/18/24 09:08	03/22/24 20:59	1
Sodium	174		1.0	0.32	mg/L		03/18/24 09:08	03/22/24 20:59	1
Thallium	ND		0.020	0.010	mg/L		03/18/24 09:08	03/22/24 20:59	1
Vanadium	ND		0.0050	0.0015	mg/L		03/18/24 09:08	03/22/24 20:59	1
Zinc	0.0029	J B	0.010	0.0015	mg/L		03/18/24 09:08	03/22/24 20:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/18/24 11:47	03/18/24 15:34	1

Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-217856-2

Date Collected: 03/14/24 12:50

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/18/24 16:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/18/24 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/18/24 16:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/18/24 16:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/18/24 16:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/18/24 16:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/18/24 16:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/18/24 16:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/18/24 16:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/18/24 16:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/18/24 16:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/18/24 16:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/18/24 16:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/18/24 16:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/18/24 16:11	1
2-Hexanone	ND		5.0	1.2	ug/L			03/18/24 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/18/24 16:11	1
Acetone	ND		10	3.0	ug/L			03/18/24 16:11	1
Benzene	ND		1.0	0.41	ug/L			03/18/24 16:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/18/24 16:11	1
Bromoform	ND		1.0	0.26	ug/L			03/18/24 16:11	1
Bromomethane	ND		1.0	0.69	ug/L			03/18/24 16:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/18/24 16:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/18/24 16:11	1
Chlorobenzene	3.8		1.0	0.75	ug/L			03/18/24 16:11	1
Chloroethane	ND		1.0	0.32	ug/L			03/18/24 16:11	1
Chloroform	ND		1.0	0.34	ug/L			03/18/24 16:11	1
Chloromethane	ND		1.0	0.35	ug/L			03/18/24 16:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/18/24 16:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/18/24 16:11	1
Cyclohexane	ND		1.0	0.18	ug/L			03/18/24 16:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/18/24 16:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/18/24 16:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/18/24 16:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/18/24 16:11	1
Methyl acetate	ND		2.5	1.3	ug/L			03/18/24 16:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/18/24 16:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/18/24 16:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/18/24 16:11	1
Styrene	ND		1.0	0.73	ug/L			03/18/24 16:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/18/24 16:11	1
Toluene	ND		1.0	0.51	ug/L			03/18/24 16:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/18/24 16:11	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			03/18/24 16:11	1
Trichloroethene	ND		1.0	0.46	ug/L			03/18/24 16:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/18/24 16:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/18/24 16:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/18/24 16:11	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-217856-2

Date Collected: 03/14/24 12:50

Matrix: Ground Water

Date Received: 03/14/24 14:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		03/18/24 16:11	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/18/24 16:11	1
Toluene-d8 (Surr)	109		80 - 120		03/18/24 16:11	1
Dibromofluoromethane (Surr)	84		75 - 123		03/18/24 16:11	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/19/24 15:30	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/18/24 13:41	03/19/24 15:30	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 15:30	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/18/24 13:41	03/19/24 15:30	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 15:30	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 15:30	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:30	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/18/24 13:41	03/19/24 15:30	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/18/24 13:41	03/19/24 15:30	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/18/24 13:41	03/19/24 15:30	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:30	1
2-Nitroaniline	ND		10	0.42	ug/L		03/18/24 13:41	03/19/24 15:30	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/19/24 15:30	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:30	1
3-Nitroaniline	ND		10	0.48	ug/L		03/18/24 13:41	03/19/24 15:30	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 15:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 15:30	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 15:30	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 15:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 15:30	1
4-Methylphenol	ND		10	0.36	ug/L		03/18/24 13:41	03/19/24 15:30	1
4-Nitroaniline	ND		10	0.25	ug/L		03/18/24 13:41	03/19/24 15:30	1
4-Nitrophenol	ND		10	1.5	ug/L		03/18/24 13:41	03/19/24 15:30	1
Acenaphthene	ND		5.0	0.41	ug/L		03/18/24 13:41	03/19/24 15:30	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/18/24 13:41	03/19/24 15:30	1
Acetophenone	ND		5.0	0.54	ug/L		03/18/24 13:41	03/19/24 15:30	1
Aniline	ND		10	0.61	ug/L		03/18/24 13:41	03/19/24 15:30	1
Anthracene	ND		5.0	0.28	ug/L		03/18/24 13:41	03/19/24 15:30	1
Atrazine	ND		5.0	0.46	ug/L		03/18/24 13:41	03/19/24 15:30	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/18/24 13:41	03/19/24 15:30	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 15:30	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 15:30	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/19/24 15:30	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 15:30	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/18/24 13:41	03/19/24 15:30	1
Biphenyl	ND		5.0	0.65	ug/L		03/18/24 13:41	03/19/24 15:30	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/18/24 13:41	03/19/24 15:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 15:30	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:30	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/18/24 13:41	03/19/24 15:30	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/18/24 13:41	03/19/24 15:30	1
Caprolactam	ND		5.0	2.2	ug/L		03/18/24 13:41	03/19/24 15:30	1
Carbazole	ND		5.0	0.30	ug/L		03/18/24 13:41	03/19/24 15:30	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-217856-2

Date Collected: 03/14/24 12:50

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/18/24 13:41	03/19/24 15:30	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/18/24 13:41	03/19/24 15:30	1
Dibenzofuran	ND		10	0.51	ug/L		03/18/24 13:41	03/19/24 15:30	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/18/24 13:41	03/19/24 15:30	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 15:30	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/18/24 13:41	03/19/24 15:30	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 15:30	1
Fluoranthene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:30	1
Fluorene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 15:30	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 15:30	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/18/24 13:41	03/19/24 15:30	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 15:30	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 15:30	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 15:30	1
Isophorone	ND		5.0	0.43	ug/L		03/18/24 13:41	03/19/24 15:30	1
Naphthalene	ND		5.0	0.76	ug/L		03/18/24 13:41	03/19/24 15:30	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/18/24 13:41	03/19/24 15:30	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/18/24 13:41	03/19/24 15:30	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 15:30	1
Pentachlorophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 15:30	1
Phenanthrene	ND		5.0	0.44	ug/L		03/18/24 13:41	03/19/24 15:30	1
Phenol	ND		5.0	0.39	ug/L		03/18/24 13:41	03/19/24 15:30	1
Pyrene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/19/24 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		41 - 120	03/18/24 13:41	03/19/24 15:30	1
2-Fluorobiphenyl	92		48 - 120	03/18/24 13:41	03/19/24 15:30	1
2-Fluorophenol	67		35 - 120	03/18/24 13:41	03/19/24 15:30	1
Nitrobenzene-d5	80		46 - 120	03/18/24 13:41	03/19/24 15:30	1
Phenol-d5	50		22 - 120	03/18/24 13:41	03/19/24 15:30	1
p-Terphenyl-d14	75		60 - 148	03/18/24 13:41	03/19/24 15:30	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/18/24 09:08	03/22/24 21:02	1
Antimony	ND		0.020	0.0068	mg/L		03/18/24 09:08	03/22/24 21:02	1
Arsenic	ND		0.015	0.0056	mg/L		03/18/24 09:08	03/22/24 21:02	1
Barium	0.050		0.0020	0.00070	mg/L		03/18/24 09:08	03/22/24 21:02	1
Beryllium	ND		0.0020	0.00030	mg/L		03/18/24 09:08	03/22/24 21:02	1
Cadmium	0.027		0.0020	0.00050	mg/L		03/18/24 09:08	03/22/24 21:02	1
Calcium	228		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:02	1
Chromium	ND		0.0040	0.0010	mg/L		03/18/24 09:08	03/25/24 14:04	1
Cobalt	0.0034	J	0.0040	0.00063	mg/L		03/18/24 09:08	03/22/24 21:02	1
Copper	0.16		0.010	0.0016	mg/L		03/18/24 09:08	03/25/24 14:04	1
Iron	0.081		0.050	0.019	mg/L		03/18/24 09:08	03/22/24 21:02	1
Lead	0.018		0.010	0.0030	mg/L		03/18/24 09:08	03/22/24 21:02	1
Magnesium	26.1		0.20	0.043	mg/L		03/18/24 09:08	03/22/24 21:02	1
Manganese	0.10		0.0030	0.00040	mg/L		03/18/24 09:08	03/22/24 21:02	1
Nickel	0.021		0.010	0.0013	mg/L		03/18/24 09:08	03/22/24 21:02	1
Potassium	7.8		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:02	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-217856-2

Date Collected: 03/14/24 12:50

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/18/24 09:08	03/22/24 21:02	1
Silver	ND		0.0060	0.0017	mg/L		03/18/24 09:08	03/22/24 21:02	1
Sodium	119		1.0	0.32	mg/L		03/18/24 09:08	03/22/24 21:02	1
Thallium	ND		0.020	0.010	mg/L		03/18/24 09:08	03/22/24 21:02	1
Vanadium	ND		0.0050	0.0015	mg/L		03/18/24 09:08	03/22/24 21:02	1
Zinc	4.7	B	0.010	0.0015	mg/L		03/18/24 09:08	03/22/24 21:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/18/24 11:47	03/18/24 15:35	1

Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-217856-3

Date Collected: 03/14/24 14:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/18/24 16:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/18/24 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/18/24 16:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/18/24 16:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/18/24 16:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/18/24 16:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/18/24 16:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/18/24 16:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/18/24 16:34	1
1,2-Dichlorobenzene	3.7		1.0	0.79	ug/L			03/18/24 16:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/18/24 16:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/18/24 16:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/18/24 16:34	1
1,4-Dichlorobenzene	3.4		1.0	0.84	ug/L			03/18/24 16:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/18/24 16:34	1
2-Hexanone	ND		5.0	1.2	ug/L			03/18/24 16:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/18/24 16:34	1
Acetone	ND		10	3.0	ug/L			03/18/24 16:34	1
Benzene	ND		1.0	0.41	ug/L			03/18/24 16:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/18/24 16:34	1
Bromoform	ND		1.0	0.26	ug/L			03/18/24 16:34	1
Bromomethane	ND		1.0	0.69	ug/L			03/18/24 16:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/18/24 16:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/18/24 16:34	1
Chlorobenzene	31		1.0	0.75	ug/L			03/18/24 16:34	1
Chloroethane	ND		1.0	0.32	ug/L			03/18/24 16:34	1
Chloroform	ND		1.0	0.34	ug/L			03/18/24 16:34	1
Chloromethane	ND		1.0	0.35	ug/L			03/18/24 16:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/18/24 16:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/18/24 16:34	1
Cyclohexane	ND		1.0	0.18	ug/L			03/18/24 16:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/18/24 16:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/18/24 16:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/18/24 16:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/18/24 16:34	1
Methyl acetate	ND		2.5	1.3	ug/L			03/18/24 16:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/18/24 16:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/18/24 16:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/18/24 16:34	1
Styrene	ND		1.0	0.73	ug/L			03/18/24 16:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/18/24 16:34	1
Toluene	ND		1.0	0.51	ug/L			03/18/24 16:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/18/24 16:34	1
trans-1,3-Dichloropropene	ND	+	1.0	0.37	ug/L			03/18/24 16:34	1
Trichloroethene	ND		1.0	0.46	ug/L			03/18/24 16:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/18/24 16:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/18/24 16:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/18/24 16:34	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-217856-3

Date Collected: 03/14/24 14:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		03/18/24 16:34	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/18/24 16:34	1
Toluene-d8 (Surr)	106		80 - 120		03/18/24 16:34	1
Dibromofluoromethane (Surr)	85		75 - 123		03/18/24 16:34	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/19/24 15:58	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/18/24 13:41	03/19/24 15:58	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 15:58	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/18/24 13:41	03/19/24 15:58	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 15:58	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 15:58	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:58	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/18/24 13:41	03/19/24 15:58	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/18/24 13:41	03/19/24 15:58	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/18/24 13:41	03/19/24 15:58	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:58	1
2-Nitroaniline	ND		10	0.42	ug/L		03/18/24 13:41	03/19/24 15:58	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/19/24 15:58	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:58	1
3-Nitroaniline	ND		10	0.48	ug/L		03/18/24 13:41	03/19/24 15:58	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 15:58	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 15:58	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 15:58	1
4-Chloroaniline	0.63	J	5.0	0.59	ug/L		03/18/24 13:41	03/19/24 15:58	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 15:58	1
4-Methylphenol	ND		10	0.36	ug/L		03/18/24 13:41	03/19/24 15:58	1
4-Nitroaniline	ND		10	0.25	ug/L		03/18/24 13:41	03/19/24 15:58	1
4-Nitrophenol	ND		10	1.5	ug/L		03/18/24 13:41	03/19/24 15:58	1
Acenaphthene	ND		5.0	0.41	ug/L		03/18/24 13:41	03/19/24 15:58	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/18/24 13:41	03/19/24 15:58	1
Acetophenone	ND		5.0	0.54	ug/L		03/18/24 13:41	03/19/24 15:58	1
Aniline	ND		10	0.61	ug/L		03/18/24 13:41	03/19/24 15:58	1
Anthracene	ND		5.0	0.28	ug/L		03/18/24 13:41	03/19/24 15:58	1
Atrazine	ND		5.0	0.46	ug/L		03/18/24 13:41	03/19/24 15:58	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/18/24 13:41	03/19/24 15:58	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 15:58	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 15:58	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/19/24 15:58	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 15:58	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/18/24 13:41	03/19/24 15:58	1
Biphenyl	ND		5.0	0.65	ug/L		03/18/24 13:41	03/19/24 15:58	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/18/24 13:41	03/19/24 15:58	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 15:58	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:58	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/18/24 13:41	03/19/24 15:58	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/18/24 13:41	03/19/24 15:58	1
Caprolactam	ND		5.0	2.2	ug/L		03/18/24 13:41	03/19/24 15:58	1
Carbazole	ND		5.0	0.30	ug/L		03/18/24 13:41	03/19/24 15:58	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-217856-3

Date Collected: 03/14/24 14:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/18/24 13:41	03/19/24 15:58	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/18/24 13:41	03/19/24 15:58	1
Dibenzofuran	ND		10	0.51	ug/L		03/18/24 13:41	03/19/24 15:58	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/18/24 13:41	03/19/24 15:58	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 15:58	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/18/24 13:41	03/19/24 15:58	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 15:58	1
Fluoranthene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 15:58	1
Fluorene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 15:58	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 15:58	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/18/24 13:41	03/19/24 15:58	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 15:58	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 15:58	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 15:58	1
Isophorone	ND		5.0	0.43	ug/L		03/18/24 13:41	03/19/24 15:58	1
Naphthalene	ND		5.0	0.76	ug/L		03/18/24 13:41	03/19/24 15:58	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/18/24 13:41	03/19/24 15:58	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/18/24 13:41	03/19/24 15:58	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 15:58	1
Pentachlorophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 15:58	1
Phenanthrene	ND		5.0	0.44	ug/L		03/18/24 13:41	03/19/24 15:58	1
Phenol	ND		5.0	0.39	ug/L		03/18/24 13:41	03/19/24 15:58	1
Pyrene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/19/24 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	77		41 - 120	03/18/24 13:41	03/19/24 15:58	1
2-Fluorobiphenyl	81		48 - 120	03/18/24 13:41	03/19/24 15:58	1
2-Fluorophenol	59		35 - 120	03/18/24 13:41	03/19/24 15:58	1
Nitrobenzene-d5	70		46 - 120	03/18/24 13:41	03/19/24 15:58	1
Phenol-d5	43		22 - 120	03/18/24 13:41	03/19/24 15:58	1
p-Terphenyl-d14	73		60 - 148	03/18/24 13:41	03/19/24 15:58	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/18/24 09:08	03/22/24 21:06	1
Antimony	ND		0.020	0.0068	mg/L		03/18/24 09:08	03/22/24 21:06	1
Arsenic	ND		0.015	0.0056	mg/L		03/18/24 09:08	03/22/24 21:06	1
Barium	0.059		0.0020	0.00070	mg/L		03/18/24 09:08	03/22/24 21:06	1
Beryllium	ND		0.0020	0.00030	mg/L		03/18/24 09:08	03/22/24 21:06	1
Cadmium	ND		0.0020	0.00050	mg/L		03/18/24 09:08	03/22/24 21:06	1
Calcium	102		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:06	1
Chromium	ND	^1+ ^+	0.0040	0.0010	mg/L		03/18/24 09:08	03/22/24 21:06	1
Cobalt	ND		0.0040	0.00063	mg/L		03/18/24 09:08	03/22/24 21:06	1
Copper	ND	^+	0.010	0.0016	mg/L		03/18/24 09:08	03/22/24 21:06	1
Iron	0.17		0.050	0.019	mg/L		03/18/24 09:08	03/22/24 21:06	1
Lead	0.0040	J	0.010	0.0030	mg/L		03/18/24 09:08	03/22/24 21:06	1
Magnesium	14.7		0.20	0.043	mg/L		03/18/24 09:08	03/22/24 21:06	1
Manganese	0.19		0.0030	0.00040	mg/L		03/18/24 09:08	03/22/24 21:06	1
Nickel	ND		0.010	0.0013	mg/L		03/18/24 09:08	03/22/24 21:06	1
Potassium	5.8		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:06	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-217856-3

Date Collected: 03/14/24 14:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/18/24 09:08	03/22/24 21:06	1
Silver	ND		0.0060	0.0017	mg/L		03/18/24 09:08	03/22/24 21:06	1
Sodium	227		1.0	0.32	mg/L		03/18/24 09:08	03/22/24 21:06	1
Thallium	ND		0.020	0.010	mg/L		03/18/24 09:08	03/22/24 21:06	1
Vanadium	ND		0.0050	0.0015	mg/L		03/18/24 09:08	03/22/24 21:06	1
Zinc	ND		0.010	0.0015	mg/L		03/18/24 09:08	03/22/24 21:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/18/24 11:47	03/18/24 15:36	1

Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-217856-4

Date Collected: 03/14/24 11:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4000	3300	ug/L			03/15/24 18:52	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			03/15/24 18:52	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			03/15/24 18:52	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			03/15/24 18:52	4000
1,1-Dichloroethane	ND		4000	1500	ug/L			03/15/24 18:52	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			03/15/24 18:52	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			03/15/24 18:52	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			03/15/24 18:52	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			03/15/24 18:52	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			03/15/24 18:52	4000
1,2-Dichloroethane	ND		4000	840	ug/L			03/15/24 18:52	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			03/15/24 18:52	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			03/15/24 18:52	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			03/15/24 18:52	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			03/15/24 18:52	4000
2-Hexanone	ND		20000	5000	ug/L			03/15/24 18:52	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			03/15/24 18:52	4000
Acetone	ND		40000	12000	ug/L			03/15/24 18:52	4000
Benzene	ND		4000	1600	ug/L			03/15/24 18:52	4000
Bromodichloromethane	ND		4000	1600	ug/L			03/15/24 18:52	4000
Bromoform	ND		4000	1000	ug/L			03/15/24 18:52	4000
Bromomethane	ND		4000	2800	ug/L			03/15/24 18:52	4000
Carbon disulfide	ND		4000	760	ug/L			03/15/24 18:52	4000
Carbon tetrachloride	ND		4000	1100	ug/L			03/15/24 18:52	4000
Chlorobenzene	170000		4000	3000	ug/L			03/15/24 18:52	4000
Chloroethane	ND		4000	1300	ug/L			03/15/24 18:52	4000
Chloroform	ND		4000	1400	ug/L			03/15/24 18:52	4000
Chloromethane	ND		4000	1400	ug/L			03/15/24 18:52	4000
cis-1,2-Dichloroethene	ND		4000	3200	ug/L			03/15/24 18:52	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			03/15/24 18:52	4000
Cyclohexane	ND		4000	720	ug/L			03/15/24 18:52	4000
Dibromochloromethane	ND		4000	1300	ug/L			03/15/24 18:52	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			03/15/24 18:52	4000
Ethylbenzene	ND		4000	3000	ug/L			03/15/24 18:52	4000
Isopropylbenzene	ND		4000	3200	ug/L			03/15/24 18:52	4000
Methyl acetate	ND		10000	5200	ug/L			03/15/24 18:52	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			03/15/24 18:52	4000
Methylcyclohexane	ND		4000	640	ug/L			03/15/24 18:52	4000
Methylene Chloride	ND		4000	1800	ug/L			03/15/24 18:52	4000
Styrene	ND		4000	2900	ug/L			03/15/24 18:52	4000
Tetrachloroethene	ND		4000	1400	ug/L			03/15/24 18:52	4000
Toluene	ND		4000	2000	ug/L			03/15/24 18:52	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			03/15/24 18:52	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			03/15/24 18:52	4000
Trichloroethene	ND		4000	1800	ug/L			03/15/24 18:52	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			03/15/24 18:52	4000
Vinyl chloride	ND		4000	3600	ug/L			03/15/24 18:52	4000
Xylenes, Total	ND		8000	2600	ug/L			03/15/24 18:52	4000

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-217856-4

Date Collected: 03/14/24 11:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		03/15/24 18:52	4000
4-Bromofluorobenzene (Surr)	99		73 - 120		03/15/24 18:52	4000
Toluene-d8 (Surr)	95		80 - 120		03/15/24 18:52	4000
Dibromofluoromethane (Surr)	95		75 - 123		03/15/24 18:52	4000

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		100	9.6	ug/L		03/18/24 13:41	03/19/24 13:37	20
2,4,6-Trichlorophenol	ND		100	12	ug/L		03/18/24 13:41	03/19/24 13:37	20
2,4-Dichlorophenol	ND		100	10	ug/L		03/18/24 13:41	03/19/24 13:37	20
2,4-Dimethylphenol	ND		100	10	ug/L		03/18/24 13:41	03/19/24 13:37	20
2,4-Dinitrophenol	ND	F1	200	44	ug/L		03/18/24 13:41	03/19/24 13:37	20
2,4-Dinitrotoluene	ND		100	8.9	ug/L		03/18/24 13:41	03/19/24 13:37	20
2,6-Dinitrotoluene	ND		100	8.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
2-Chloronaphthalene	ND		100	9.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
2-Chlorophenol	130	F1	100	11	ug/L		03/18/24 13:41	03/19/24 13:37	20
2-Methylnaphthalene	ND		100	12	ug/L		03/18/24 13:41	03/19/24 13:37	20
2-Methylphenol	ND		100	8.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
2-Nitroaniline	ND		200	8.4	ug/L		03/18/24 13:41	03/19/24 13:37	20
2-Nitrophenol	ND		100	9.6	ug/L		03/18/24 13:41	03/19/24 13:37	20
3,3'-Dichlorobenzidine	ND		100	8.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
3-Nitroaniline	ND		200	9.6	ug/L		03/18/24 13:41	03/19/24 13:37	20
4,6-Dinitro-2-methylphenol	ND		200	44	ug/L		03/18/24 13:41	03/19/24 13:37	20
4-Bromophenyl phenyl ether	ND		100	9.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
4-Chloro-3-methylphenol	ND		100	9.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
4-Chloroaniline	ND		100	12	ug/L		03/18/24 13:41	03/19/24 13:37	20
4-Chlorophenyl phenyl ether	ND		100	7.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
4-Methylphenol	ND		200	7.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
4-Nitroaniline	ND		200	5.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
4-Nitrophenol	ND		200	30	ug/L		03/18/24 13:41	03/19/24 13:37	20
Acenaphthene	ND		100	8.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
Acenaphthylene	ND		100	7.6	ug/L		03/18/24 13:41	03/19/24 13:37	20
Acetophenone	ND		100	11	ug/L		03/18/24 13:41	03/19/24 13:37	20
Aniline	ND		200	12	ug/L		03/18/24 13:41	03/19/24 13:37	20
Anthracene	ND		100	5.6	ug/L		03/18/24 13:41	03/19/24 13:37	20
Atrazine	ND		100	9.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
Benzaldehyde	ND		100	5.3	ug/L		03/18/24 13:41	03/19/24 13:37	20
Benzo(a)anthracene	ND		100	7.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
Benzo(a)pyrene	ND		100	9.4	ug/L		03/18/24 13:41	03/19/24 13:37	20
Benzo(b)fluoranthene	ND		100	6.8	ug/L		03/18/24 13:41	03/19/24 13:37	20
Benzo(g,h,i)perylene	ND		100	7.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
Benzo(k)fluoranthene	ND		100	15	ug/L		03/18/24 13:41	03/19/24 13:37	20
Biphenyl	ND		100	13	ug/L		03/18/24 13:41	03/19/24 13:37	20
bis (2-chloroisopropyl) ether	ND		100	10	ug/L		03/18/24 13:41	03/19/24 13:37	20
Bis(2-chloroethoxy)methane	ND		100	7.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
Bis(2-chloroethyl)ether	ND		100	8.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
Bis(2-ethylhexyl) phthalate	ND		100	44	ug/L		03/18/24 13:41	03/19/24 13:37	20
Butyl benzyl phthalate	ND		100	20	ug/L		03/18/24 13:41	03/19/24 13:37	20
Caprolactam	ND	F1	100	44	ug/L		03/18/24 13:41	03/19/24 13:37	20
Carbazole	ND		100	6.0	ug/L		03/18/24 13:41	03/19/24 13:37	20

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-217856-4

Date Collected: 03/14/24 11:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		100	6.6	ug/L		03/18/24 13:41	03/19/24 13:37	20
Dibenz(a,h)anthracene	ND		100	8.4	ug/L		03/18/24 13:41	03/19/24 13:37	20
Dibenzofuran	ND		200	10	ug/L		03/18/24 13:41	03/19/24 13:37	20
Diethyl phthalate	ND		100	4.4	ug/L		03/18/24 13:41	03/19/24 13:37	20
Dimethyl phthalate	ND		100	7.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
Di-n-butyl phthalate	ND		100	6.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
Di-n-octyl phthalate	ND		100	9.4	ug/L		03/18/24 13:41	03/19/24 13:37	20
Fluoranthene	ND		100	8.0	ug/L		03/18/24 13:41	03/19/24 13:37	20
Fluorene	ND		100	7.2	ug/L		03/18/24 13:41	03/19/24 13:37	20
Hexachlorobenzene	ND		100	10	ug/L		03/18/24 13:41	03/19/24 13:37	20
Hexachlorobutadiene	ND		100	14	ug/L		03/18/24 13:41	03/19/24 13:37	20
Hexachlorocyclopentadiene	ND	F1	100	12	ug/L		03/18/24 13:41	03/19/24 13:37	20
Hexachloroethane	ND		100	12	ug/L		03/18/24 13:41	03/19/24 13:37	20
Indeno(1,2,3-cd)pyrene	ND		100	9.4	ug/L		03/18/24 13:41	03/19/24 13:37	20
Isophorone	ND		100	8.6	ug/L		03/18/24 13:41	03/19/24 13:37	20
Naphthalene	ND		100	15	ug/L		03/18/24 13:41	03/19/24 13:37	20
Nitrobenzene	ND		100	5.8	ug/L		03/18/24 13:41	03/19/24 13:37	20
N-Nitrosodi-n-propylamine	ND		100	11	ug/L		03/18/24 13:41	03/19/24 13:37	20
N-Nitrosodiphenylamine	ND		100	10	ug/L		03/18/24 13:41	03/19/24 13:37	20
Pentachlorophenol	ND	F1	200	44	ug/L		03/18/24 13:41	03/19/24 13:37	20
Phenanthrene	ND		100	8.8	ug/L		03/18/24 13:41	03/19/24 13:37	20
Phenol	ND		100	7.8	ug/L		03/18/24 13:41	03/19/24 13:37	20
Pyrene	ND		100	6.8	ug/L		03/18/24 13:41	03/19/24 13:37	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		41 - 120	03/18/24 13:41	03/19/24 13:37	20
2-Fluorobiphenyl	87		48 - 120	03/18/24 13:41	03/19/24 13:37	20
2-Fluorophenol	66		35 - 120	03/18/24 13:41	03/19/24 13:37	20
Nitrobenzene-d5	66		46 - 120	03/18/24 13:41	03/19/24 13:37	20
Phenol-d5	43		22 - 120	03/18/24 13:41	03/19/24 13:37	20
p-Terphenyl-d14	62		60 - 148	03/18/24 13:41	03/19/24 13:37	20

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/18/24 09:08	03/22/24 21:09	1
Antimony	ND		0.020	0.0068	mg/L		03/18/24 09:08	03/22/24 21:09	1
Arsenic	0.0083	J	0.015	0.0056	mg/L		03/18/24 09:08	03/22/24 21:09	1
Barium	0.020		0.0020	0.00070	mg/L		03/18/24 09:08	03/22/24 21:09	1
Beryllium	ND		0.0020	0.00030	mg/L		03/18/24 09:08	03/22/24 21:09	1
Cadmium	ND		0.0020	0.00050	mg/L		03/18/24 09:08	03/22/24 21:09	1
Calcium	391		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:09	1
Chromium	ND		0.0040	0.0010	mg/L		03/18/24 09:08	03/25/24 14:07	1
Cobalt	0.0016	J	0.0040	0.00063	mg/L		03/18/24 09:08	03/22/24 21:09	1
Copper	0.0022	J	0.010	0.0016	mg/L		03/18/24 09:08	03/25/24 14:07	1
Iron	5.7	F1	0.050	0.019	mg/L		03/18/24 09:08	03/22/24 21:09	1
Lead	0.0061	J	0.010	0.0030	mg/L		03/18/24 09:08	03/22/24 21:09	1
Magnesium	130		0.20	0.043	mg/L		03/18/24 09:08	03/22/24 21:09	1
Manganese	0.76		0.0030	0.00040	mg/L		03/18/24 09:08	03/22/24 21:09	1
Nickel	0.0033	J	0.010	0.0013	mg/L		03/18/24 09:08	03/22/24 21:09	1
Potassium	2.8		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:09	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-217856-4

Date Collected: 03/14/24 11:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/18/24 09:08	03/22/24 21:09	1
Silver	ND		0.0060	0.0017	mg/L		03/18/24 09:08	03/22/24 21:09	1
Sodium	175		1.0	0.32	mg/L		03/18/24 09:08	03/22/24 21:09	1
Thallium	ND		0.020	0.010	mg/L		03/18/24 09:08	03/22/24 21:09	1
Vanadium	ND		0.0050	0.0015	mg/L		03/18/24 09:08	03/22/24 21:09	1
Zinc	0.0025	J B	0.010	0.0015	mg/L		03/18/24 09:08	03/22/24 21:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/18/24 11:47	03/18/24 15:40	1

Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-217856-5

Date Collected: 03/14/24 09:35

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/18/24 16:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/18/24 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/18/24 16:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/18/24 16:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/18/24 16:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/18/24 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/18/24 16:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/18/24 16:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/18/24 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/18/24 16:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/18/24 16:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/18/24 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/18/24 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/18/24 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/18/24 16:56	1
2-Hexanone	ND		5.0	1.2	ug/L			03/18/24 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/18/24 16:56	1
Acetone	ND		10	3.0	ug/L			03/18/24 16:56	1
Benzene	ND		1.0	0.41	ug/L			03/18/24 16:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/18/24 16:56	1
Bromoform	ND		1.0	0.26	ug/L			03/18/24 16:56	1
Bromomethane	ND		1.0	0.69	ug/L			03/18/24 16:56	1
Carbon disulfide	0.29	J	1.0	0.19	ug/L			03/18/24 16:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/18/24 16:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/18/24 16:56	1
Chloroethane	ND		1.0	0.32	ug/L			03/18/24 16:56	1
Chloroform	ND		1.0	0.34	ug/L			03/18/24 16:56	1
Chloromethane	ND		1.0	0.35	ug/L			03/18/24 16:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/18/24 16:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/18/24 16:56	1
Cyclohexane	ND		1.0	0.18	ug/L			03/18/24 16:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/18/24 16:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/18/24 16:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/18/24 16:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/18/24 16:56	1
Methyl acetate	ND		2.5	1.3	ug/L			03/18/24 16:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/18/24 16:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/18/24 16:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/18/24 16:56	1
Styrene	ND		1.0	0.73	ug/L			03/18/24 16:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/18/24 16:56	1
Toluene	ND		1.0	0.51	ug/L			03/18/24 16:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/18/24 16:56	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			03/18/24 16:56	1
Trichloroethene	ND		1.0	0.46	ug/L			03/18/24 16:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/18/24 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/18/24 16:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/18/24 16:56	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-217856-5

Date Collected: 03/14/24 09:35

Matrix: Ground Water

Date Received: 03/14/24 14:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		03/18/24 16:56	1
4-Bromofluorobenzene (Surr)	106		73 - 120		03/18/24 16:56	1
Toluene-d8 (Surr)	112		80 - 120		03/18/24 16:56	1
Dibromofluoromethane (Surr)	94		75 - 123		03/18/24 16:56	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/20/24 14:09	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/18/24 13:41	03/20/24 14:09	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/18/24 13:41	03/20/24 14:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/18/24 13:41	03/20/24 14:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/20/24 14:09	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/18/24 13:41	03/20/24 14:09	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/20/24 14:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/18/24 13:41	03/20/24 14:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/18/24 13:41	03/20/24 14:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/18/24 13:41	03/20/24 14:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/18/24 13:41	03/20/24 14:09	1
2-Nitroaniline	ND		10	0.42	ug/L		03/18/24 13:41	03/20/24 14:09	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/20/24 14:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/18/24 13:41	03/20/24 14:09	1
3-Nitroaniline	ND		10	0.48	ug/L		03/18/24 13:41	03/20/24 14:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/18/24 13:41	03/20/24 14:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/18/24 13:41	03/20/24 14:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/18/24 13:41	03/20/24 14:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/18/24 13:41	03/20/24 14:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/18/24 13:41	03/20/24 14:09	1
4-Methylphenol	ND		10	0.36	ug/L		03/18/24 13:41	03/20/24 14:09	1
4-Nitroaniline	ND		10	0.25	ug/L		03/18/24 13:41	03/20/24 14:09	1
4-Nitrophenol	ND		10	1.5	ug/L		03/18/24 13:41	03/20/24 14:09	1
Acenaphthene	ND		5.0	0.41	ug/L		03/18/24 13:41	03/20/24 14:09	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/18/24 13:41	03/20/24 14:09	1
Acetophenone	ND		5.0	0.54	ug/L		03/18/24 13:41	03/20/24 14:09	1
Aniline	ND		10	0.61	ug/L		03/18/24 13:41	03/20/24 14:09	1
Anthracene	ND		5.0	0.28	ug/L		03/18/24 13:41	03/20/24 14:09	1
Atrazine	ND		5.0	0.46	ug/L		03/18/24 13:41	03/20/24 14:09	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/18/24 13:41	03/20/24 14:09	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/20/24 14:09	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/20/24 14:09	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/20/24 14:09	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/18/24 13:41	03/20/24 14:09	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/18/24 13:41	03/20/24 14:09	1
Biphenyl	ND		5.0	0.65	ug/L		03/18/24 13:41	03/20/24 14:09	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/18/24 13:41	03/20/24 14:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/18/24 13:41	03/20/24 14:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/18/24 13:41	03/20/24 14:09	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/18/24 13:41	03/20/24 14:09	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/18/24 13:41	03/20/24 14:09	1
Caprolactam	ND		5.0	2.2	ug/L		03/18/24 13:41	03/20/24 14:09	1
Carbazole	ND		5.0	0.30	ug/L		03/18/24 13:41	03/20/24 14:09	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-217856-5

Date Collected: 03/14/24 09:35

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/18/24 13:41	03/20/24 14:09	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/18/24 13:41	03/20/24 14:09	1
Dibenzofuran	ND		10	0.51	ug/L		03/18/24 13:41	03/20/24 14:09	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/18/24 13:41	03/20/24 14:09	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/18/24 13:41	03/20/24 14:09	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/18/24 13:41	03/20/24 14:09	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/18/24 13:41	03/20/24 14:09	1
Fluoranthene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/20/24 14:09	1
Fluorene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/20/24 14:09	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/18/24 13:41	03/20/24 14:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/18/24 13:41	03/20/24 14:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/18/24 13:41	03/20/24 14:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/18/24 13:41	03/20/24 14:09	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/20/24 14:09	1
Isophorone	ND		5.0	0.43	ug/L		03/18/24 13:41	03/20/24 14:09	1
Naphthalene	ND		5.0	0.76	ug/L		03/18/24 13:41	03/20/24 14:09	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/18/24 13:41	03/20/24 14:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/18/24 13:41	03/20/24 14:09	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/18/24 13:41	03/20/24 14:09	1
Pentachlorophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/20/24 14:09	1
Phenanthrene	ND		5.0	0.44	ug/L		03/18/24 13:41	03/20/24 14:09	1
Phenol	ND		5.0	0.39	ug/L		03/18/24 13:41	03/20/24 14:09	1
Pyrene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/20/24 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		41 - 120	03/18/24 13:41	03/20/24 14:09	1
2-Fluorobiphenyl	73		48 - 120	03/18/24 13:41	03/20/24 14:09	1
2-Fluorophenol	49		35 - 120	03/18/24 13:41	03/20/24 14:09	1
Nitrobenzene-d5	63		46 - 120	03/18/24 13:41	03/20/24 14:09	1
Phenol-d5	36		22 - 120	03/18/24 13:41	03/20/24 14:09	1
p-Terphenyl-d14	71		60 - 148	03/18/24 13:41	03/20/24 14:09	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/18/24 09:08	03/22/24 21:37	1
Antimony	ND		0.020	0.0068	mg/L		03/18/24 09:08	03/22/24 21:37	1
Arsenic	ND		0.015	0.0056	mg/L		03/18/24 09:08	03/22/24 21:37	1
Barium	0.037		0.0020	0.00070	mg/L		03/18/24 09:08	03/22/24 21:37	1
Beryllium	ND		0.0020	0.00030	mg/L		03/18/24 09:08	03/22/24 21:37	1
Cadmium	ND		0.0020	0.00050	mg/L		03/18/24 09:08	03/22/24 21:37	1
Calcium	87.4		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:37	1
Chromium	0.0088		0.0040	0.0010	mg/L		03/18/24 09:08	03/25/24 14:35	1
Cobalt	ND		0.0040	0.00063	mg/L		03/18/24 09:08	03/22/24 21:37	1
Copper	0.0023	J	0.010	0.0016	mg/L		03/18/24 09:08	03/25/24 14:35	1
Iron	0.073		0.050	0.019	mg/L		03/18/24 09:08	03/22/24 21:37	1
Lead	0.0052	J	0.010	0.0030	mg/L		03/18/24 09:08	03/22/24 21:37	1
Magnesium	14.5		0.20	0.043	mg/L		03/18/24 09:08	03/22/24 21:37	1
Manganese	0.026		0.0030	0.00040	mg/L		03/18/24 09:08	03/22/24 21:37	1
Nickel	0.0059	J	0.010	0.0013	mg/L		03/18/24 09:08	03/22/24 21:37	1
Potassium	0.76		0.50	0.10	mg/L		03/18/24 09:08	03/22/24 21:37	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-217856-5

Date Collected: 03/14/24 09:35

Matrix: Ground Water

Date Received: 03/14/24 14:35

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/18/24 09:08	03/22/24 21:37	1
Silver	ND		0.0060	0.0017	mg/L		03/18/24 09:08	03/22/24 21:37	1
Sodium	52.5		1.0	0.32	mg/L		03/18/24 09:08	03/22/24 21:37	1
Thallium	ND		0.020	0.010	mg/L		03/18/24 09:08	03/22/24 21:37	1
Vanadium	ND		0.0050	0.0015	mg/L		03/18/24 09:08	03/22/24 21:37	1
Zinc	0.0035	J B	0.010	0.0015	mg/L		03/18/24 09:08	03/22/24 21:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/18/24 11:47	03/18/24 15:45	1

Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-217856-6

Date Collected: 03/14/24 09:35

Matrix: Water

Date Received: 03/14/24 14:35

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/18/24 17:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/18/24 17:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/18/24 17:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/18/24 17:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/18/24 17:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/18/24 17:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/18/24 17:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/18/24 17:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/18/24 17:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/18/24 17:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/18/24 17:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/18/24 17:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/18/24 17:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/18/24 17:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/18/24 17:19	1
2-Hexanone	ND		5.0	1.2	ug/L			03/18/24 17:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/18/24 17:19	1
Acetone	ND		10	3.0	ug/L			03/18/24 17:19	1
Benzene	ND		1.0	0.41	ug/L			03/18/24 17:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/18/24 17:19	1
Bromoform	ND		1.0	0.26	ug/L			03/18/24 17:19	1
Bromomethane	ND		1.0	0.69	ug/L			03/18/24 17:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/18/24 17:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/18/24 17:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/18/24 17:19	1
Chloroethane	ND		1.0	0.32	ug/L			03/18/24 17:19	1
Chloroform	ND		1.0	0.34	ug/L			03/18/24 17:19	1
Chloromethane	ND		1.0	0.35	ug/L			03/18/24 17:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/18/24 17:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/18/24 17:19	1
Cyclohexane	ND		1.0	0.18	ug/L			03/18/24 17:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/18/24 17:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/18/24 17:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/18/24 17:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/18/24 17:19	1
Methyl acetate	ND		2.5	1.3	ug/L			03/18/24 17:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/18/24 17:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/18/24 17:19	1
Methylene Chloride	1.0	B	1.0	0.44	ug/L			03/18/24 17:19	1
Styrene	ND		1.0	0.73	ug/L			03/18/24 17:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/18/24 17:19	1
Toluene	ND		1.0	0.51	ug/L			03/18/24 17:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/18/24 17:19	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			03/18/24 17:19	1
Trichloroethene	ND		1.0	0.46	ug/L			03/18/24 17:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/18/24 17:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/18/24 17:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/18/24 17:19	1

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Client Sample Results

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

Job ID: 480-217856-1

Client Sample ID: TRIP BLANK
Date Collected: 03/14/24 09:35
Date Received: 03/14/24 14:35

Lab Sample ID: 480-217856-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		03/18/24 17:19	1
4-Bromofluorobenzene (Surr)	94		73 - 120		03/18/24 17:19	1
Toluene-d8 (Surr)	103		80 - 120		03/18/24 17:19	1
Dibromofluoromethane (Surr)	87		75 - 123		03/18/24 17:19	1

Surrogate Summary

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

Job ID: 480-217856-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-217856-1	BCC Area E RFI-32A D	78	95	101	76
480-217856-2	BCC Area E MW-E05	89	102	109	84
480-217856-3	BCC Area E RFI-29	90	100	106	85
480-217856-4	BCC Area E RFI-32A	99	99	95	95
480-217856-4 MS	BCC Area E RFI-32A	98	100	100	103
480-217856-4 MSD	BCC Area E RFI-32A	99	100	101	105
480-217856-5	BCC Area E RFI-33	99	106	112	94

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-217856-6	TRIP BLANK	91	94	103	87
LCS 480-703941/6	Lab Control Sample	103	102	101	104
LCS 480-704121/6	Lab Control Sample	90	96	106	84
LCSD 480-704121/29	Lab Control Sample Dup	89	95	105	83
MB 480-703941/8	Method Blank	103	101	101	100
MB 480-704121/8	Method Blank	87	102	108	83

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (41-120)	FBP (48-120)	2FP (35-120)	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)
480-217856-1	BCC Area E RFI-32A D	88	97	70	80	52	79
480-217856-2	BCC Area E MW-E05	83	92	67	80	50	75
480-217856-3	BCC Area E RFI-29	77	81	59	70	43	73
480-217856-4	BCC Area E RFI-32A	84	87	66	66	43	62
480-217856-4 MS	BCC Area E RFI-32A	119	100	78	82	56	83
480-217856-4 MSD	BCC Area E RFI-32A	112	101	78	80	55	80
480-217856-5	BCC Area E RFI-33	80	73	49	63	36	71

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: OSC- Former Buffalo Color Sites - 37745-Area E
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Job ID: 480-217856-1

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (41-120)	FBP (48-120)	2FP (35-120)	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)
LCS 480-704178/2-A	Lab Control Sample	103	100	74	95	59	102
MB 480-704178/1-A	Method Blank	80	96	72	85	52	104

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14

QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: MB 480-703941/8

Matrix: Water

Analysis Batch: 703941

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/15/24 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/15/24 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/15/24 15:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/15/24 15:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/15/24 15:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/15/24 15:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/15/24 15:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/15/24 15:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/15/24 15:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/15/24 15:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/15/24 15:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/15/24 15:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/15/24 15:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/15/24 15:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/15/24 15:06	1
2-Hexanone	ND		5.0	1.2	ug/L			03/15/24 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/15/24 15:06	1
Acetone	ND		10	3.0	ug/L			03/15/24 15:06	1
Benzene	ND		1.0	0.41	ug/L			03/15/24 15:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/15/24 15:06	1
Bromoform	ND		1.0	0.26	ug/L			03/15/24 15:06	1
Bromomethane	ND		1.0	0.69	ug/L			03/15/24 15:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/15/24 15:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/15/24 15:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/15/24 15:06	1
Chloroethane	ND		1.0	0.32	ug/L			03/15/24 15:06	1
Chloroform	ND		1.0	0.34	ug/L			03/15/24 15:06	1
Chloromethane	ND		1.0	0.35	ug/L			03/15/24 15:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/15/24 15:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/15/24 15:06	1
Cyclohexane	ND		1.0	0.18	ug/L			03/15/24 15:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/15/24 15:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/15/24 15:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/15/24 15:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/15/24 15:06	1
Methyl acetate	ND		2.5	1.3	ug/L			03/15/24 15:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/15/24 15:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/15/24 15:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/15/24 15:06	1
Styrene	ND		1.0	0.73	ug/L			03/15/24 15:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/15/24 15:06	1
Toluene	ND		1.0	0.51	ug/L			03/15/24 15:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/15/24 15:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/15/24 15:06	1
Trichloroethene	ND		1.0	0.46	ug/L			03/15/24 15:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/15/24 15:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/15/24 15:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/15/24 15:06	1

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: MB 480-703941/8

Matrix: Water

Analysis Batch: 703941

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		77 - 120		03/15/24 15:06	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/15/24 15:06	1
Toluene-d8 (Surr)	101		80 - 120		03/15/24 15:06	1
Dibromofluoromethane (Surr)	100		75 - 123		03/15/24 15:06	1

Lab Sample ID: LCS 480-703941/6

Matrix: Water

Analysis Batch: 703941

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	29.0		ug/L		116	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.4		ug/L		98	61 - 148
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	26.7		ug/L		107	77 - 120
1,1-Dichloroethene	25.0	28.5		ug/L		114	66 - 127
1,2,4-Trichlorobenzene	25.0	27.3		ug/L		109	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.7		ug/L		107	56 - 134
1,2-Dibromoethane	25.0	26.6		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	26.6		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 120
2-Butanone (MEK)	125	121		ug/L		97	57 - 140
2-Hexanone	125	128		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	121		ug/L		97	56 - 142
Benzene	25.0	26.9		ug/L		108	71 - 124
Bromodichloromethane	25.0	28.6		ug/L		114	80 - 122
Bromoform	25.0	30.3		ug/L		121	61 - 132
Bromomethane	25.0	27.1		ug/L		109	55 - 144
Carbon disulfide	25.0	29.2		ug/L		117	59 - 134
Carbon tetrachloride	25.0	29.0		ug/L		116	72 - 134
Chlorobenzene	25.0	25.8		ug/L		103	80 - 120
Chloroethane	25.0	27.1		ug/L		108	69 - 136
Chloroform	25.0	25.4		ug/L		102	73 - 127
Chloromethane	25.0	26.0		ug/L		104	68 - 124
cis-1,2-Dichloroethene	25.0	26.6		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	29.8		ug/L		119	74 - 124
Cyclohexane	25.0	28.2		ug/L		113	59 - 135
Dibromochloromethane	25.0	29.2		ug/L		117	75 - 125
Dichlorodifluoromethane	25.0	26.6		ug/L		106	59 - 135
Ethylbenzene	25.0	27.2		ug/L		109	77 - 123
Isopropylbenzene	25.0	28.3		ug/L		113	77 - 122
Methyl acetate	50.0	46.0		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	25.5		ug/L		102	77 - 120
Methylcyclohexane	25.0	27.5		ug/L		110	68 - 134

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: LCS 480-703941/6

Matrix: Water

Analysis Batch: 703941

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	27.8		ug/L		111	75 - 124
Styrene	25.0	27.0		ug/L		108	80 - 120
Tetrachloroethene	25.0	28.5		ug/L		114	74 - 122
Toluene	25.0	26.4		ug/L		106	80 - 122
trans-1,2-Dichloroethene	25.0	28.2		ug/L		113	73 - 127
trans-1,3-Dichloropropene	25.0	28.9		ug/L		116	80 - 120
Trichloroethene	25.0	27.5		ug/L		110	74 - 123
Trichlorofluoromethane	25.0	25.6		ug/L		103	62 - 150
Vinyl chloride	25.0	28.0		ug/L		112	65 - 133
Xylenes, Total	50.0	54.8		ug/L		110	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-217856-4 MS

Matrix: Ground Water

Analysis Batch: 703941

Client Sample ID: BCC Area E RFI-32A

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		100000	113000		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	ND		100000	107000		ug/L		107	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100000	103000		ug/L		103	61 - 148
1,1,2-Trichloroethane	ND		100000	100000		ug/L		100	76 - 122
1,1-Dichloroethane	ND		100000	107000		ug/L		107	77 - 120
1,1-Dichloroethene	ND		100000	110000		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	ND		100000	107000		ug/L		107	79 - 122
1,2-Dibromo-3-Chloropropane	ND		100000	115000		ug/L		115	56 - 134
1,2-Dibromoethane	ND		100000	103000		ug/L		103	77 - 120
1,2-Dichlorobenzene	ND		100000	107000		ug/L		107	80 - 124
1,2-Dichloroethane	ND		100000	99700		ug/L		100	75 - 120
1,2-Dichloropropane	ND		100000	104000		ug/L		104	76 - 120
1,3-Dichlorobenzene	ND		100000	106000		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		100000	103000		ug/L		103	78 - 124
2-Butanone (MEK)	ND		500000	523000		ug/L		105	57 - 140
2-Hexanone	ND		500000	544000		ug/L		109	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		500000	513000		ug/L		103	71 - 125
Acetone	ND		500000	552000		ug/L		110	56 - 142
Benzene	ND		100000	106000		ug/L		106	71 - 124
Bromodichloromethane	ND		100000	109000		ug/L		109	80 - 122
Bromoform	ND		100000	112000		ug/L		112	61 - 132
Bromomethane	ND		100000	106000		ug/L		106	55 - 144
Carbon disulfide	ND		100000	115000		ug/L		115	59 - 134
Carbon tetrachloride	ND		100000	113000		ug/L		113	72 - 134
Chlorobenzene	170000		100000	259000		ug/L		86	80 - 120
Chloroethane	ND		100000	103000		ug/L		103	69 - 136

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MS

Matrix: Ground Water

Analysis Batch: 703941

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	ND		100000	99200		ug/L		99	73 - 127
Chloromethane	ND		100000	101000		ug/L		101	68 - 124
cis-1,2-Dichloroethene	ND		100000	103000		ug/L		103	74 - 124
cis-1,3-Dichloropropene	ND		100000	108000		ug/L		108	74 - 124
Cyclohexane	ND		100000	114000		ug/L		114	59 - 135
Dibromochloromethane	ND		100000	111000		ug/L		111	75 - 125
Dichlorodifluoromethane	ND		100000	111000		ug/L		111	59 - 135
Ethylbenzene	ND		100000	110000		ug/L		110	77 - 123
Isopropylbenzene	ND		100000	117000		ug/L		117	77 - 122
Methyl acetate	ND		200000	197000		ug/L		99	74 - 133
Methyl tert-butyl ether	ND		100000	101000		ug/L		101	77 - 120
Methylcyclohexane	ND		100000	112000		ug/L		112	68 - 134
Methylene Chloride	ND		100000	108000		ug/L		108	75 - 124
Styrene	ND		100000	107000		ug/L		107	80 - 120
Tetrachloroethene	ND		100000	110000		ug/L		110	74 - 122
Toluene	ND		100000	104000		ug/L		104	80 - 122
trans-1,2-Dichloroethene	ND		100000	111000		ug/L		111	73 - 127
trans-1,3-Dichloropropene	ND		100000	109000		ug/L		109	80 - 120
Trichloroethene	ND		100000	109000		ug/L		109	74 - 123
Trichlorofluoromethane	ND		100000	98800		ug/L		99	62 - 150
Vinyl chloride	ND		100000	107000		ug/L		107	65 - 133
Xylenes, Total	ND		200000	216000		ug/L		108	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 703941

Client Sample ID: BCC Area E RFI-32A

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		100000	114000		ug/L		114	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		100000	102000		ug/L		102	76 - 120	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100000	98400		ug/L		98	61 - 148	4	20
1,1,2-Trichloroethane	ND		100000	102000		ug/L		102	76 - 122	1	15
1,1-Dichloroethane	ND		100000	105000		ug/L		105	77 - 120	2	20
1,1-Dichloroethene	ND		100000	110000		ug/L		110	66 - 127	1	16
1,2,4-Trichlorobenzene	ND		100000	105000		ug/L		105	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		100000	106000		ug/L		106	56 - 134	8	15
1,2-Dibromoethane	ND		100000	103000		ug/L		103	77 - 120	0	15
1,2-Dichlorobenzene	ND		100000	103000		ug/L		103	80 - 124	4	20
1,2-Dichloroethane	ND		100000	100000		ug/L		100	75 - 120	0	20
1,2-Dichloropropane	ND		100000	106000		ug/L		106	76 - 120	2	20
1,3-Dichlorobenzene	ND		100000	101000		ug/L		101	77 - 120	5	20
1,4-Dichlorobenzene	ND		100000	97800		ug/L		98	78 - 124	5	20

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 703941

Client Sample ID: BCC Area E RFI-32A

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		500000	526000		ug/L		105	57 - 140	1	20
2-Hexanone	ND		500000	536000		ug/L		107	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		500000	503000		ug/L		101	71 - 125	2	35
Acetone	ND		500000	561000		ug/L		112	56 - 142	2	15
Benzene	ND		100000	107000		ug/L		107	71 - 124	1	13
Bromodichloromethane	ND		100000	110000		ug/L		110	80 - 122	1	15
Bromoform	ND		100000	110000		ug/L		110	61 - 132	2	15
Bromomethane	ND		100000	108000		ug/L		108	55 - 144	2	15
Carbon disulfide	ND		100000	115000		ug/L		115	59 - 134	0	15
Carbon tetrachloride	ND		100000	115000		ug/L		115	72 - 134	1	15
Chlorobenzene	170000		100000	259000		ug/L		86	80 - 120	0	25
Chloroethane	ND		100000	107000		ug/L		107	69 - 136	4	15
Chloroform	ND		100000	100000		ug/L		100	73 - 127	1	20
Chloromethane	ND		100000	103000		ug/L		103	68 - 124	1	15
cis-1,2-Dichloroethene	ND		100000	102000		ug/L		102	74 - 124	1	15
cis-1,3-Dichloropropene	ND		100000	110000		ug/L		110	74 - 124	2	15
Cyclohexane	ND		100000	112000		ug/L		112	59 - 135	2	20
Dibromochloromethane	ND		100000	109000		ug/L		109	75 - 125	2	15
Dichlorodifluoromethane	ND		100000	106000		ug/L		106	59 - 135	5	20
Ethylbenzene	ND		100000	107000		ug/L		107	77 - 123	3	15
Isopropylbenzene	ND		100000	111000		ug/L		111	77 - 122	5	20
Methyl acetate	ND		200000	203000		ug/L		101	74 - 133	3	20
Methyl tert-butyl ether	ND		100000	103000		ug/L		103	77 - 120	2	37
Methylcyclohexane	ND		100000	110000		ug/L		110	68 - 134	2	20
Methylene Chloride	ND		100000	107000		ug/L		107	75 - 124	1	15
Styrene	ND		100000	105000		ug/L		105	80 - 120	2	20
Tetrachloroethene	ND		100000	108000		ug/L		108	74 - 122	2	20
Toluene	ND		100000	103000		ug/L		103	80 - 122	1	15
trans-1,2-Dichloroethene	ND		100000	108000		ug/L		108	73 - 127	2	20
trans-1,3-Dichloropropene	ND		100000	107000		ug/L		107	80 - 120	2	15
Trichloroethene	ND		100000	110000		ug/L		110	74 - 123	0	16
Trichlorofluoromethane	ND		100000	103000		ug/L		103	62 - 150	4	20
Vinyl chloride	ND		100000	110000		ug/L		110	65 - 133	3	15
Xylenes, Total	ND		200000	211000		ug/L		106	76 - 122	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	105		75 - 123

Lab Sample ID: MB 480-704121/8

Matrix: Water

Analysis Batch: 704121

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/18/24 15:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/18/24 15:11	1

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: MB 480-704121/8

Matrix: Water

Analysis Batch: 704121

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/18/24 15:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/18/24 15:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/18/24 15:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/18/24 15:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/18/24 15:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/18/24 15:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/18/24 15:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/18/24 15:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/18/24 15:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/18/24 15:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/18/24 15:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/18/24 15:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/18/24 15:11	1
2-Hexanone	ND		5.0	1.2	ug/L			03/18/24 15:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/18/24 15:11	1
Acetone	ND		10	3.0	ug/L			03/18/24 15:11	1
Benzene	ND		1.0	0.41	ug/L			03/18/24 15:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/18/24 15:11	1
Bromoform	ND		1.0	0.26	ug/L			03/18/24 15:11	1
Bromomethane	ND		1.0	0.69	ug/L			03/18/24 15:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/18/24 15:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/18/24 15:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/18/24 15:11	1
Chloroethane	ND		1.0	0.32	ug/L			03/18/24 15:11	1
Chloroform	ND		1.0	0.34	ug/L			03/18/24 15:11	1
Chloromethane	ND		1.0	0.35	ug/L			03/18/24 15:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/18/24 15:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/18/24 15:11	1
Cyclohexane	ND		1.0	0.18	ug/L			03/18/24 15:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/18/24 15:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/18/24 15:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/18/24 15:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/18/24 15:11	1
Methyl acetate	ND		2.5	1.3	ug/L			03/18/24 15:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/18/24 15:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/18/24 15:11	1
Methylene Chloride	0.673	J	1.0	0.44	ug/L			03/18/24 15:11	1
Styrene	ND		1.0	0.73	ug/L			03/18/24 15:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/18/24 15:11	1
Toluene	ND		1.0	0.51	ug/L			03/18/24 15:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/18/24 15:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/18/24 15:11	1
Trichloroethene	ND		1.0	0.46	ug/L			03/18/24 15:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/18/24 15:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/18/24 15:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/18/24 15:11	1

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: MB 480-704121/8

Matrix: Water

Analysis Batch: 704121

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		03/18/24 15:11	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/18/24 15:11	1
Toluene-d8 (Surr)	108		80 - 120		03/18/24 15:11	1
Dibromofluoromethane (Surr)	83		75 - 123		03/18/24 15:11	1

Lab Sample ID: LCS 480-704121/6

Matrix: Water

Analysis Batch: 704121

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.9		ug/L		100	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	28.4		ug/L		114	76 - 120
1,1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.6		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	28.6		ug/L		114	76 - 122
1,1-Dichloroethane	25.0	24.3		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	23.7		ug/L		95	66 - 127
1,2,4-Trichlorobenzene	25.0	29.1		ug/L		117	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	31.2		ug/L		125	56 - 134
1,2-Dibromoethane	25.0	24.7		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	27.9		ug/L		112	80 - 124
1,2-Dichloroethane	25.0	24.1		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	25.9		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	27.1		ug/L		109	80 - 120
2-Butanone (MEK)	125	114		ug/L		91	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	71 - 125
Acetone	125	101		ug/L		81	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	26.2		ug/L		105	61 - 132
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	24.9		ug/L		100	59 - 134
Carbon tetrachloride	25.0	25.9		ug/L		104	72 - 134
Chlorobenzene	25.0	25.1		ug/L		101	80 - 120
Chloroethane	25.0	25.2		ug/L		101	69 - 136
Chloroform	25.0	22.6		ug/L		90	73 - 127
Chloromethane	25.0	26.4		ug/L		106	68 - 124
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	74 - 124
Cyclohexane	25.0	25.5		ug/L		102	59 - 135
Dibromochloromethane	25.0	26.9		ug/L		107	75 - 125
Dichlorodifluoromethane	25.0	29.1		ug/L		116	59 - 135
Ethylbenzene	25.0	27.7		ug/L		111	77 - 123
Isopropylbenzene	25.0	30.2		ug/L		121	77 - 122
Methyl acetate	50.0	43.9		ug/L		88	74 - 133
Methyl tert-butyl ether	25.0	23.3		ug/L		93	77 - 120
Methylcyclohexane	25.0	27.0		ug/L		108	68 - 134

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: LCS 480-704121/6

Matrix: Water

Analysis Batch: 704121

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	21.6		ug/L		86	75 - 124
Styrene	25.0	26.3		ug/L		105	80 - 120
Tetrachloroethene	25.0	28.1		ug/L		112	74 - 122
Toluene	25.0	28.5		ug/L		114	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	30.8	*+	ug/L		123	80 - 120
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	27.2		ug/L		109	62 - 150
Vinyl chloride	25.0	28.1		ug/L		112	65 - 133
Xylenes, Total	50.0	54.1		ug/L		108	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	84		75 - 123

Lab Sample ID: LCSD 480-704121/29

Matrix: Water

Analysis Batch: 704121

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	23.7		ug/L		95	73 - 126	5	15
1,1,2,2-Tetrachloroethane	25.0	28.9		ug/L		116	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.3		ug/L		85	61 - 148	11	20
1,1,2-Trichloroethane	25.0	28.5		ug/L		114	76 - 122	0	15
1,1-Dichloroethane	25.0	23.8		ug/L		95	77 - 120	2	20
1,1-Dichloroethene	25.0	21.6		ug/L		86	66 - 127	9	16
1,2,4-Trichlorobenzene	25.0	28.0		ug/L		112	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	25.0	32.5		ug/L		130	56 - 134	4	15
1,2-Dibromoethane	25.0	23.8		ug/L		95	77 - 120	4	15
1,2-Dichlorobenzene	25.0	25.6		ug/L		103	80 - 124	8	20
1,2-Dichloroethane	25.0	21.8		ug/L		87	75 - 120	10	20
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120	2	20
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	77 - 120	5	20
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 120	7	20
2-Butanone (MEK)	125	109		ug/L		87	57 - 140	4	20
2-Hexanone	125	134		ug/L		107	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	125	150		ug/L		120	71 - 125	9	35
Acetone	125	104		ug/L		83	56 - 142	3	15
Benzene	25.0	23.7		ug/L		95	71 - 124	4	13
Bromodichloromethane	25.0	24.0		ug/L		96	80 - 122	6	15
Bromoform	25.0	23.4		ug/L		94	61 - 132	11	15
Bromomethane	25.0	21.9		ug/L		88	55 - 144	0	15
Carbon disulfide	25.0	22.4		ug/L		90	59 - 134	11	15
Carbon tetrachloride	25.0	23.5		ug/L		94	72 - 134	10	15
Chlorobenzene	25.0	24.4		ug/L		98	80 - 120	3	25
Chloroethane	25.0	22.4		ug/L		90	69 - 136	12	15

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: LCSD 480-704121/29

Matrix: Water

Analysis Batch: 704121

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform	25.0	21.7		ug/L		87	73 - 127	4	20
Chloromethane	25.0	23.4		ug/L		94	68 - 124	12	15
cis-1,2-Dichloroethene	25.0	22.6		ug/L		90	74 - 124	6	15
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	74 - 124	10	15
Cyclohexane	25.0	23.8		ug/L		95	59 - 135	7	20
Dibromochloromethane	25.0	26.5		ug/L		106	75 - 125	1	15
Dichlorodifluoromethane	25.0	27.2		ug/L		109	59 - 135	7	20
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123	4	15
Isopropylbenzene	25.0	26.9		ug/L		108	77 - 122	11	20
Methyl acetate	50.0	48.8		ug/L		98	74 - 133	11	20
Methyl tert-butyl ether	25.0	22.6		ug/L		91	77 - 120	3	37
Methylcyclohexane	25.0	25.0		ug/L		100	68 - 134	8	20
Methylene Chloride	25.0	21.6		ug/L		87	75 - 124	0	15
Styrene	25.0	25.7		ug/L		103	80 - 120	2	20
Tetrachloroethene	25.0	27.0		ug/L		108	74 - 122	4	20
Toluene	25.0	26.8		ug/L		107	80 - 122	6	15
trans-1,2-Dichloroethene	25.0	22.7		ug/L		91	73 - 127	4	20
trans-1,3-Dichloropropene	25.0	27.7		ug/L		111	80 - 120	10	15
Trichloroethene	25.0	23.3		ug/L		93	74 - 123	7	16
Trichlorofluoromethane	25.0	24.4		ug/L		97	62 - 150	11	20
Vinyl chloride	25.0	26.1		ug/L		105	65 - 133	7	15
Xylenes, Total	50.0	52.5		ug/L		105	76 - 122	3	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	83		75 - 123

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

Lab Sample ID: MB 480-704178/1-A

Matrix: Water

Analysis Batch: 704253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 704178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/19/24 11:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/18/24 13:41	03/19/24 11:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 11:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/18/24 13:41	03/19/24 11:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 11:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 11:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 11:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/18/24 13:41	03/19/24 11:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/18/24 13:41	03/19/24 11:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/18/24 13:41	03/19/24 11:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 11:47	1
2-Nitroaniline	ND		10	0.42	ug/L		03/18/24 13:41	03/19/24 11:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/18/24 13:41	03/19/24 11:47	1

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: MB 480-704178/1-A

Matrix: Water

Analysis Batch: 704253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 704178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 11:47	1
3-Nitroaniline	ND		10	0.48	ug/L		03/18/24 13:41	03/19/24 11:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 11:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 11:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/18/24 13:41	03/19/24 11:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 11:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 11:47	1
4-Methylphenol	ND		10	0.36	ug/L		03/18/24 13:41	03/19/24 11:47	1
4-Nitroaniline	ND		10	0.25	ug/L		03/18/24 13:41	03/19/24 11:47	1
4-Nitrophenol	ND		10	1.5	ug/L		03/18/24 13:41	03/19/24 11:47	1
Acenaphthene	ND		5.0	0.41	ug/L		03/18/24 13:41	03/19/24 11:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/18/24 13:41	03/19/24 11:47	1
Acetophenone	ND		5.0	0.54	ug/L		03/18/24 13:41	03/19/24 11:47	1
Aniline	ND		10	0.61	ug/L		03/18/24 13:41	03/19/24 11:47	1
Anthracene	ND		5.0	0.28	ug/L		03/18/24 13:41	03/19/24 11:47	1
Atrazine	ND		5.0	0.46	ug/L		03/18/24 13:41	03/19/24 11:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/18/24 13:41	03/19/24 11:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 11:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 11:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/19/24 11:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 11:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/18/24 13:41	03/19/24 11:47	1
Biphenyl	ND		5.0	0.65	ug/L		03/18/24 13:41	03/19/24 11:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/18/24 13:41	03/19/24 11:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/18/24 13:41	03/19/24 11:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 11:47	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/18/24 13:41	03/19/24 11:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/18/24 13:41	03/19/24 11:47	1
Caprolactam	ND		5.0	2.2	ug/L		03/18/24 13:41	03/19/24 11:47	1
Carbazole	ND		5.0	0.30	ug/L		03/18/24 13:41	03/19/24 11:47	1
Chrysene	ND		5.0	0.33	ug/L		03/18/24 13:41	03/19/24 11:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/18/24 13:41	03/19/24 11:47	1
Dibenzofuran	ND		10	0.51	ug/L		03/18/24 13:41	03/19/24 11:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/18/24 13:41	03/19/24 11:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 11:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/18/24 13:41	03/19/24 11:47	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 11:47	1
Fluoranthene	ND		5.0	0.40	ug/L		03/18/24 13:41	03/19/24 11:47	1
Fluorene	ND		5.0	0.36	ug/L		03/18/24 13:41	03/19/24 11:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 11:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/18/24 13:41	03/19/24 11:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 11:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/18/24 13:41	03/19/24 11:47	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/18/24 13:41	03/19/24 11:47	1
Isophorone	ND		5.0	0.43	ug/L		03/18/24 13:41	03/19/24 11:47	1
Naphthalene	ND		5.0	0.76	ug/L		03/18/24 13:41	03/19/24 11:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/18/24 13:41	03/19/24 11:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/18/24 13:41	03/19/24 11:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/18/24 13:41	03/19/24 11:47	1

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: MB 480-704178/1-A

Matrix: Water

Analysis Batch: 704253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 704178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10	2.2	ug/L		03/18/24 13:41	03/19/24 11:47	1
Phenanthrene	ND		5.0	0.44	ug/L		03/18/24 13:41	03/19/24 11:47	1
Phenol	ND		5.0	0.39	ug/L		03/18/24 13:41	03/19/24 11:47	1
Pyrene	ND		5.0	0.34	ug/L		03/18/24 13:41	03/19/24 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		41 - 120	03/18/24 13:41	03/19/24 11:47	1
2-Fluorobiphenyl	96		48 - 120	03/18/24 13:41	03/19/24 11:47	1
2-Fluorophenol	72		35 - 120	03/18/24 13:41	03/19/24 11:47	1
Nitrobenzene-d5	85		46 - 120	03/18/24 13:41	03/19/24 11:47	1
Phenol-d5	52		22 - 120	03/18/24 13:41	03/19/24 11:47	1
p-Terphenyl-d14	104		60 - 148	03/18/24 13:41	03/19/24 11:47	1

Lab Sample ID: LCS 480-704178/2-A

Matrix: Water

Analysis Batch: 704253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 704178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	32.0	32.5		ug/L		102	65 - 126
2,4,6-Trichlorophenol	32.0	33.1		ug/L		104	64 - 120
2,4-Dichlorophenol	32.0	32.2		ug/L		100	63 - 120
2,4-Dimethylphenol	32.0	25.8		ug/L		81	47 - 120
2,4-Dinitrophenol	64.0	66.0		ug/L		103	31 - 137
2,4-Dinitrotoluene	32.0	34.6		ug/L		108	69 - 120
2,6-Dinitrotoluene	32.0	34.5		ug/L		108	68 - 120
2-Chloronaphthalene	32.0	30.5		ug/L		95	58 - 120
2-Chlorophenol	32.0	29.2		ug/L		91	48 - 120
2-Methylnaphthalene	32.0	29.9		ug/L		93	59 - 120
2-Methylphenol	32.0	29.1		ug/L		91	39 - 120
2-Nitroaniline	32.0	33.4		ug/L		104	54 - 127
2-Nitrophenol	32.0	31.3		ug/L		98	52 - 125
3,3'-Dichlorobenzidine	64.0	53.6		ug/L		84	49 - 135
3-Nitroaniline	32.0	24.0		ug/L		75	51 - 120
4,6-Dinitro-2-methylphenol	64.0	72.5		ug/L		113	46 - 136
4-Bromophenyl phenyl ether	32.0	32.1		ug/L		100	65 - 120
4-Chloro-3-methylphenol	32.0	32.4		ug/L		101	61 - 123
4-Chloroaniline	32.0	23.3		ug/L		73	30 - 120
4-Chlorophenyl phenyl ether	32.0	32.1		ug/L		100	62 - 120
4-Methylphenol	32.0	28.7		ug/L		90	29 - 131
4-Nitroaniline	32.0	33.8		ug/L		106	65 - 120
4-Nitrophenol	64.0	51.4		ug/L		80	45 - 120
Acenaphthene	32.0	32.0		ug/L		100	60 - 120
Acenaphthylene	32.0	32.0		ug/L		100	63 - 120
Acetophenone	32.0	31.9		ug/L		100	45 - 120
Aniline	32.0	16.1		ug/L		50	12 - 120
Anthracene	32.0	33.5		ug/L		105	67 - 120
Atrazine	64.0	70.0		ug/L		109	71 - 130
Benzaldehyde	64.0	62.8		ug/L		98	10 - 140

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: LCS 480-704178/2-A

Matrix: Water

Analysis Batch: 704253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 704178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo(a)anthracene	32.0	31.8		ug/L		99	70 - 121
Benzo(a)pyrene	32.0	32.8		ug/L		102	60 - 123
Benzo(b)fluoranthene	32.0	33.2		ug/L		104	66 - 126
Benzo(g,h,i)perylene	32.0	32.3		ug/L		101	66 - 150
Benzo(k)fluoranthene	32.0	34.5		ug/L		108	65 - 124
Biphenyl	32.0	32.4		ug/L		101	59 - 120
bis (2-chloroisopropyl) ether	32.0	31.0		ug/L		97	21 - 136
Bis(2-chloroethoxy)methane	32.0	31.9		ug/L		100	50 - 128
Bis(2-chloroethyl)ether	32.0	34.0		ug/L		106	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	34.0		ug/L		106	63 - 139
Butyl benzyl phthalate	32.0	34.4		ug/L		108	70 - 129
Caprolactam	64.0	23.0		ug/L		36	22 - 120
Carbazole	32.0	37.9		ug/L		118	66 - 123
Chrysene	32.0	33.8		ug/L		106	69 - 120
Dibenz(a,h)anthracene	32.0	32.5		ug/L		101	65 - 135
Dibenzofuran	32.0	33.1		ug/L		103	66 - 120
Diethyl phthalate	32.0	34.6		ug/L		108	59 - 127
Dimethyl phthalate	32.0	34.8		ug/L		109	68 - 120
Di-n-butyl phthalate	32.0	33.8		ug/L		106	69 - 131
Di-n-octyl phthalate	32.0	35.0		ug/L		109	63 - 140
Fluoranthene	32.0	34.3		ug/L		107	69 - 126
Fluorene	32.0	33.8		ug/L		106	66 - 120
Hexachlorobenzene	32.0	32.7		ug/L		102	61 - 120
Hexachlorobutadiene	32.0	23.7		ug/L		74	35 - 120
Hexachlorocyclopentadiene	32.0	12.0		ug/L		38	31 - 120
Hexachloroethane	32.0	25.1		ug/L		78	33 - 120
Indeno(1,2,3-cd)pyrene	32.0	32.7		ug/L		102	69 - 146
Isophorone	32.0	32.9		ug/L		103	55 - 120
Naphthalene	32.0	30.0		ug/L		94	57 - 120
Nitrobenzene	32.0	31.1		ug/L		97	53 - 123
N-Nitrosodi-n-propylamine	32.0	32.1		ug/L		100	32 - 140
N-Nitrosodiphenylamine	32.0	33.2		ug/L		104	61 - 120
Pentachlorophenol	64.0	54.0		ug/L		84	10 - 136
Phenanthrene	32.0	31.4		ug/L		98	68 - 120
Phenol	32.0	18.9		ug/L		59	17 - 120
Pyrene	32.0	33.8		ug/L		106	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	103		41 - 120
2-Fluorobiphenyl	100		48 - 120
2-Fluorophenol	74		35 - 120
Nitrobenzene-d5	95		46 - 120
Phenol-d5	59		22 - 120
p-Terphenyl-d14	102		60 - 148

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MS

Matrix: Ground Water

Analysis Batch: 704253

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 704178

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	ND		32.0	36.9	J	ug/L		115	65 - 126
2,4,6-Trichlorophenol	ND		32.0	36.5	J	ug/L		114	64 - 120
2,4-Dichlorophenol	ND		32.0	28.7	J	ug/L		90	48 - 132
2,4-Dimethylphenol	ND		32.0	22.9	J	ug/L		72	39 - 130
2,4-Dinitrophenol	ND	F1	64.0	156	J F1	ug/L		243	21 - 150
2,4-Dinitrotoluene	ND		32.0	31.0	J	ug/L		97	54 - 138
2,6-Dinitrotoluene	ND		32.0	27.1	J	ug/L		85	17 - 150
2-Chloronaphthalene	ND		32.0	28.6	J	ug/L		89	52 - 124
2-Chlorophenol	130	F1	32.0	180	F1	ug/L		166	48 - 120
2-Methylnaphthalene	ND		32.0	27.9	J	ug/L		87	34 - 140
2-Methylphenol	ND		32.0	26.5	J	ug/L		83	46 - 120
2-Nitroaniline	ND		32.0	30.4	J	ug/L		95	44 - 136
2-Nitrophenol	ND		32.0	32.3	J	ug/L		101	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	49.2	J	ug/L		77	10 - 150
3-Nitroaniline	ND		32.0	34.3	J	ug/L		107	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	80.9	J	ug/L		126	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	31.0	J	ug/L		97	63 - 126
4-Chloro-3-methylphenol	ND		32.0	24.6	J	ug/L		77	64 - 127
4-Chloroaniline	ND		32.0	17.0	J	ug/L		53	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	29.6	J	ug/L		92	61 - 120
4-Methylphenol	ND		32.0	24.9	J	ug/L		78	36 - 120
4-Nitroaniline	ND		32.0	29.9	J	ug/L		93	32 - 150
4-Nitrophenol	ND		64.0	71.5	J	ug/L		112	23 - 132
Acenaphthene	ND		32.0	31.1	J	ug/L		97	48 - 120
Acenaphthylene	ND		32.0	30.1	J	ug/L		94	63 - 120
Acetophenone	ND		32.0	31.7	J	ug/L		99	53 - 120
Aniline	ND		32.0	15.9	J	ug/L		50	32 - 120
Anthracene	ND		32.0	37.0	J	ug/L		116	65 - 122
Atrazine	ND		64.0	63.8	J	ug/L		100	50 - 150
Benzaldehyde	ND		64.0	45.4	J	ug/L		71	10 - 150
Benzo(a)anthracene	ND		32.0	31.8	J	ug/L		99	43 - 124
Benzo(a)pyrene	ND		32.0	30.9	J	ug/L		97	23 - 125
Benzo(b)fluoranthene	ND		32.0	32.0	J	ug/L		100	27 - 127
Benzo(g,h,i)perylene	ND		32.0	30.6	J	ug/L		95	16 - 147
Benzo(k)fluoranthene	ND		32.0	32.0	J	ug/L		100	20 - 124
Biphenyl	ND		32.0	25.8	J	ug/L		81	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	30.0	J	ug/L		94	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	30.1	J	ug/L		94	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	24.3	J	ug/L		76	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	ND		ug/L		NC	16 - 150
Butyl benzyl phthalate	ND		32.0	30.7	J	ug/L		96	51 - 140
Caprolactam	ND	F1	64.0	ND	F1	ug/L		0	10 - 120
Carbazole	ND		32.0	27.3	J	ug/L		85	16 - 148
Chrysene	ND		32.0	35.4	J	ug/L		110	44 - 122
Dibenz(a,h)anthracene	ND		32.0	29.3	J	ug/L		92	16 - 139
Dibenzofuran	ND		32.0	30.3	J	ug/L		95	60 - 120
Diethyl phthalate	ND		32.0	34.2	J	ug/L		107	53 - 133
Dimethyl phthalate	ND		32.0	33.5	J	ug/L		105	59 - 123

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MS

Matrix: Ground Water

Analysis Batch: 704253

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 704178

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	ND		32.0	35.4	J	ug/L		111	65 - 129
Di-n-octyl phthalate	ND		32.0	29.0	J	ug/L		90	16 - 150
Fluoranthene	ND		32.0	36.0	J	ug/L		112	63 - 129
Fluorene	ND		32.0	31.9	J	ug/L		100	62 - 120
Hexachlorobenzene	ND		32.0	36.0	J	ug/L		112	57 - 121
Hexachlorobutadiene	ND		32.0	20.8	J	ug/L		65	37 - 120
Hexachlorocyclopentadiene	ND	F1	32.0	51.5	J F1	ug/L		161	21 - 120
Hexachloroethane	ND		32.0	22.7	J	ug/L		71	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	30.9	J	ug/L		97	16 - 140
Isophorone	ND		32.0	31.3	J	ug/L		98	48 - 133
Naphthalene	ND		32.0	36.5	J	ug/L		114	45 - 120
Nitrobenzene	ND		32.0	29.3	J	ug/L		92	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	28.5	J	ug/L		89	49 - 120
N-Nitrosodiphenylamine	ND		32.0	28.4	J	ug/L		89	39 - 138
Pentachlorophenol	ND	F1	64.0	120	J F1	ug/L		188	10 - 149
Phenanthrene	ND		32.0	34.1	J	ug/L		106	65 - 122
Phenol	ND		32.0	21.1	J	ug/L		66	16 - 120
Pyrene	ND		32.0	34.9	J	ug/L		109	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	119		41 - 120
2-Fluorobiphenyl	100		48 - 120
2-Fluorophenol	78		35 - 120
Nitrobenzene-d5	82		46 - 120
Phenol-d5	56		22 - 120
p-Terphenyl-d14	83		60 - 148

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 704253

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 704178

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	33.8	J	ug/L		106	65 - 126	9	18
2,4,6-Trichlorophenol	ND		32.0	35.7	J	ug/L		112	64 - 120	2	19
2,4-Dichlorophenol	ND		32.0	27.7	J	ug/L		87	48 - 132	4	19
2,4-Dimethylphenol	ND		32.0	23.5	J	ug/L		73	39 - 130	2	42
2,4-Dinitrophenol	ND	F1	64.0	152	J F1	ug/L		238	21 - 150	2	22
2,4-Dinitrotoluene	ND		32.0	28.0	J	ug/L		87	54 - 138	10	20
2,6-Dinitrotoluene	ND		32.0	24.5	J	ug/L		77	17 - 150	10	15
2-Chloronaphthalene	ND		32.0	30.1	J	ug/L		94	52 - 124	5	21
2-Chlorophenol	130	F1	32.0	176	F1	ug/L		154	48 - 120	2	25
2-Methylnaphthalene	ND		32.0	29.4	J	ug/L		92	34 - 140	5	21
2-Methylphenol	ND		32.0	27.2	J	ug/L		85	46 - 120	3	27
2-Nitroaniline	ND		32.0	30.9	J	ug/L		97	44 - 136	2	15
2-Nitrophenol	ND		32.0	32.7	J	ug/L		102	38 - 141	1	18
3,3'-Dichlorobenzidine	ND		64.0	47.1	J	ug/L		74	10 - 150	4	25
3-Nitroaniline	ND		32.0	32.4	J	ug/L		101	32 - 150	6	19
4,6-Dinitro-2-methylphenol	ND		64.0	81.1	J	ug/L		127	38 - 150	0	15

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 704253

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 704178

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Bromophenyl phenyl ether	ND		32.0	30.7	J	ug/L		96	63 - 126	1	15
4-Chloro-3-methylphenol	ND		32.0	24.7	J	ug/L		77	64 - 127	0	27
4-Chloroaniline	ND		32.0	19.2	J	ug/L		60	16 - 124	12	22
4-Chlorophenyl phenyl ether	ND		32.0	30.1	J	ug/L		94	61 - 120	2	16
4-Methylphenol	ND		32.0	25.2	J	ug/L		79	36 - 120	1	24
4-Nitroaniline	ND		32.0	27.2	J	ug/L		85	32 - 150	9	24
4-Nitrophenol	ND		64.0	61.9	J	ug/L		97	23 - 132	14	48
Acenaphthene	ND		32.0	31.6	J	ug/L		99	48 - 120	2	24
Acenaphthylene	ND		32.0	30.6	J	ug/L		96	63 - 120	2	18
Acetophenone	ND		32.0	30.1	J	ug/L		94	53 - 120	5	20
Aniline	ND		32.0	15.9	J	ug/L		50	32 - 120	0	30
Anthracene	ND		32.0	34.8	J	ug/L		109	65 - 122	6	15
Atrazine	ND		64.0	62.2	J	ug/L		97	50 - 150	3	20
Benzaldehyde	ND		64.0	43.5	J	ug/L		68	10 - 150	4	20
Benzo(a)anthracene	ND		32.0	30.2	J	ug/L		94	43 - 124	5	15
Benzo(a)pyrene	ND		32.0	28.7	J	ug/L		90	23 - 125	7	15
Benzo(b)fluoranthene	ND		32.0	28.5	J	ug/L		89	27 - 127	12	15
Benzo(g,h,i)perylene	ND		32.0	28.5	J	ug/L		89	16 - 147	7	15
Benzo(k)fluoranthene	ND		32.0	28.7	J	ug/L		90	20 - 124	11	22
Biphenyl	ND		32.0	26.8	J	ug/L		84	57 - 120	4	20
bis (2-chloroisopropyl) ether	ND		32.0	30.9	J	ug/L		97	28 - 121	3	24
Bis(2-chloroethoxy)methane	ND		32.0	29.5	J	ug/L		92	44 - 128	2	17
Bis(2-chloroethyl)ether	ND		32.0	24.3	J	ug/L		76	45 - 120	0	21
Bis(2-ethylhexyl) phthalate	ND		32.0	ND		ug/L		NC	16 - 150	NC	15
Butyl benzyl phthalate	ND		32.0	28.9	J	ug/L		90	51 - 140	6	16
Caprolactam	ND	F1	64.0	ND	F1	ug/L		0	10 - 120	NC	20
Carbazole	ND		32.0	26.3	J	ug/L		82	16 - 148	4	20
Chrysene	ND		32.0	33.2	J	ug/L		104	44 - 122	6	15
Dibenz(a,h)anthracene	ND		32.0	27.9	J	ug/L		87	16 - 139	5	15
Dibenzofuran	ND		32.0	32.0	J	ug/L		100	60 - 120	6	15
Diethyl phthalate	ND		32.0	33.6	J	ug/L		105	53 - 133	2	15
Dimethyl phthalate	ND		32.0	32.8	J	ug/L		102	59 - 123	2	15
Di-n-butyl phthalate	ND		32.0	34.6	J	ug/L		108	65 - 129	2	15
Di-n-octyl phthalate	ND		32.0	26.7	J	ug/L		83	16 - 150	8	16
Fluoranthene	ND		32.0	34.6	J	ug/L		108	63 - 129	4	15
Fluorene	ND		32.0	31.5	J	ug/L		98	62 - 120	1	15
Hexachlorobenzene	ND		32.0	33.5	J	ug/L		105	57 - 121	7	15
Hexachlorobutadiene	ND		32.0	23.8	J	ug/L		74	37 - 120	13	44
Hexachlorocyclopentadiene	ND	F1	32.0	51.9	J F1	ug/L		162	21 - 120	1	49
Hexachloroethane	ND		32.0	24.4	J	ug/L		76	16 - 130	7	46
Indeno(1,2,3-cd)pyrene	ND		32.0	29.3	J	ug/L		92	16 - 140	5	15
Isophorone	ND		32.0	30.9	J	ug/L		97	48 - 133	1	17
Naphthalene	ND		32.0	37.4	J	ug/L		117	45 - 120	2	29
Nitrobenzene	ND		32.0	28.4	J	ug/L		89	45 - 123	3	24
N-Nitrosodi-n-propylamine	ND		32.0	27.1	J	ug/L		85	49 - 120	5	31
N-Nitrosodiphenylamine	ND		32.0	28.5	J	ug/L		89	39 - 138	0	15
Pentachlorophenol	ND	F1	64.0	123	J F1	ug/L		192	10 - 149	2	37
Phenanthrene	ND		32.0	33.8	J	ug/L		106	65 - 122	1	15
Phenol	ND		32.0	20.7	J	ug/L		65	16 - 120	2	34

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 704253

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 704178

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	ND		32.0	32.8	J	ug/L		103	58 - 128	6	19
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
2,4,6-Tribromophenol	112		41 - 120								
2-Fluorobiphenyl	101		48 - 120								
2-Fluorophenol	78		35 - 120								
Nitrobenzene-d5	80		46 - 120								
Phenol-d5	55		22 - 120								
p-Terphenyl-d14	80		60 - 148								

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-703962/1-A

Matrix: Water

Analysis Batch: 704959

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 703962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/18/24 09:08	03/25/24 13:57	1
Antimony	ND		0.020	0.0068	mg/L		03/18/24 09:08	03/25/24 13:57	1
Arsenic	ND		0.015	0.0056	mg/L		03/18/24 09:08	03/25/24 13:57	1
Barium	ND		0.0020	0.00070	mg/L		03/18/24 09:08	03/25/24 13:57	1
Beryllium	ND		0.0020	0.00030	mg/L		03/18/24 09:08	03/25/24 13:57	1
Cadmium	ND		0.0020	0.00050	mg/L		03/18/24 09:08	03/25/24 13:57	1
Calcium	ND		0.50	0.10	mg/L		03/18/24 09:08	03/25/24 13:57	1
Chromium	ND		0.0040	0.0010	mg/L		03/18/24 09:08	03/25/24 13:57	1
Cobalt	ND		0.0040	0.00063	mg/L		03/18/24 09:08	03/25/24 13:57	1
Copper	ND		0.010	0.0016	mg/L		03/18/24 09:08	03/25/24 13:57	1
Iron	ND		0.050	0.019	mg/L		03/18/24 09:08	03/25/24 13:57	1
Lead	ND		0.010	0.0030	mg/L		03/18/24 09:08	03/25/24 13:57	1
Magnesium	ND		0.20	0.043	mg/L		03/18/24 09:08	03/25/24 13:57	1
Manganese	ND		0.0030	0.00040	mg/L		03/18/24 09:08	03/25/24 13:57	1
Nickel	ND		0.010	0.0013	mg/L		03/18/24 09:08	03/25/24 13:57	1
Potassium	ND		0.50	0.10	mg/L		03/18/24 09:08	03/25/24 13:57	1
Selenium	ND		0.025	0.0087	mg/L		03/18/24 09:08	03/25/24 13:57	1
Silver	ND		0.0060	0.0017	mg/L		03/18/24 09:08	03/25/24 13:57	1
Sodium	ND		1.0	0.32	mg/L		03/18/24 09:08	03/25/24 13:57	1
Thallium	ND		0.020	0.010	mg/L		03/18/24 09:08	03/25/24 13:57	1
Vanadium	ND		0.0050	0.0015	mg/L		03/18/24 09:08	03/25/24 13:57	1
Zinc	0.00349	J	0.010	0.0015	mg/L		03/18/24 09:08	03/25/24 13:57	1

Lab Sample ID: LCS 480-703962/2-A

Matrix: Water

Analysis Batch: 704899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.10	5.79		mg/L		114	80 - 120
Antimony	0.500	0.595		mg/L		119	80 - 120
Arsenic	1.00	1.14		mg/L		114	80 - 120
Barium	1.00	1.15		mg/L		115	80 - 120

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: LCS 480-703962/2-A

Matrix: Water

Analysis Batch: 704899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.500	0.588		mg/L		118	80 - 120
Cadmium	0.500	0.582		mg/L		116	80 - 120
Calcium	25.0	29.12		mg/L		116	80 - 120
Chromium	0.500	0.580	^1+ ^+	mg/L		116	80 - 120
Cobalt	0.500	0.567		mg/L		113	80 - 120
Copper	0.500	0.580	^+	mg/L		116	80 - 120
Iron	5.10	5.90		mg/L		116	80 - 120
Lead	0.500	0.573		mg/L		115	80 - 120
Magnesium	25.0	28.61		mg/L		114	80 - 120
Manganese	0.500	0.585		mg/L		117	80 - 120
Nickel	0.500	0.573		mg/L		115	80 - 120
Potassium	25.0	28.98		mg/L		116	80 - 120
Selenium	1.00	1.14		mg/L		114	80 - 120
Silver	0.0500	0.0584		mg/L		117	80 - 120
Sodium	25.0	29.11		mg/L		116	80 - 120
Thallium	1.00	1.18		mg/L		118	80 - 120
Vanadium	0.500	0.573		mg/L		115	80 - 120
Zinc	0.500	0.598		mg/L		120	80 - 120

Lab Sample ID: LCSD 480-703962/3-A

Matrix: Water

Analysis Batch: 704899

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.10	5.81		mg/L		114	80 - 120	0	20
Antimony	0.500	0.594		mg/L		119	80 - 120	0	20
Arsenic	1.00	1.15		mg/L		115	80 - 120	1	20
Barium	1.00	1.16		mg/L		116	80 - 120	1	20
Beryllium	0.500	0.593		mg/L		119	80 - 120	1	20
Cadmium	0.500	0.586		mg/L		117	80 - 120	1	20
Calcium	25.0	29.01		mg/L		116	80 - 120	0	20
Chromium	0.500	0.586	^1+ ^+	mg/L		117	80 - 120	1	20
Cobalt	0.500	0.570		mg/L		114	80 - 120	0	20
Copper	0.500	0.583	^+	mg/L		117	80 - 120	0	20
Iron	5.10	5.89		mg/L		116	80 - 120	0	20
Lead	0.500	0.576		mg/L		115	80 - 120	1	20
Magnesium	25.0	28.64		mg/L		115	80 - 120	0	20
Manganese	0.500	0.588		mg/L		118	80 - 120	0	20
Nickel	0.500	0.576		mg/L		115	80 - 120	1	20
Potassium	25.0	28.95		mg/L		116	80 - 120	0	20
Selenium	1.00	1.13		mg/L		113	80 - 120	0	20
Silver	0.0500	0.0582		mg/L		116	80 - 120	0	20
Sodium	25.0	28.98		mg/L		116	80 - 120	0	20
Thallium	1.00	1.19		mg/L		119	80 - 120	0	20
Vanadium	0.500	0.580		mg/L		116	80 - 120	1	20
Zinc	0.500	0.598		mg/L		120	80 - 120	0	20

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MS

Matrix: Ground Water

Analysis Batch: 704899

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND		5.10	5.98		mg/L		117	75 - 125
Antimony	ND		0.500	0.588		mg/L		118	75 - 125
Arsenic	0.0083	J	1.00	1.13		mg/L		113	75 - 125
Barium	0.020		1.00	1.19		mg/L		117	75 - 125
Beryllium	ND		0.500	0.616		mg/L		123	75 - 125
Cadmium	ND		0.500	0.588		mg/L		118	75 - 125
Calcium	391		25.0	419.7	4	mg/L		116	75 - 125
Cobalt	0.0016	J	0.500	0.579		mg/L		115	75 - 125
Iron	5.7	F1	5.10	11.53		mg/L		114	75 - 125
Lead	0.0061	J	0.500	0.587		mg/L		116	75 - 125
Magnesium	130		25.0	155.2	4	mg/L		101	75 - 125
Manganese	0.76		0.500	1.35		mg/L		117	75 - 125
Nickel	0.0033	J	0.500	0.590		mg/L		117	75 - 125
Potassium	2.8		25.0	32.54		mg/L		119	75 - 125
Selenium	ND		1.00	1.12		mg/L		112	75 - 125
Silver	ND		0.0500	0.0600		mg/L		120	75 - 125
Sodium	175		25.0	206.1	4	mg/L		123	75 - 125
Thallium	ND		1.00	1.18		mg/L		118	75 - 125
Vanadium	ND		0.500	0.613		mg/L		123	75 - 125
Zinc	0.0025	J B	0.500	0.591		mg/L		118	75 - 125

Lab Sample ID: 480-217856-4 MS

Matrix: Ground Water

Analysis Batch: 704959

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	ND		0.500	0.545		mg/L		109	75 - 125
Copper	0.0022	J	0.500	0.554		mg/L		110	75 - 125

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 704899

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aluminum	ND		5.10	6.02		mg/L		118	75 - 125	1	20
Antimony	ND		0.500	0.616		mg/L		123	75 - 125	5	20
Arsenic	0.0083	J	1.00	1.22		mg/L		121	75 - 125	7	20
Barium	0.020		1.00	1.20		mg/L		118	75 - 125	1	20
Beryllium	ND		0.500	0.599		mg/L		120	75 - 125	3	20
Cadmium	ND		0.500	0.608		mg/L		122	75 - 125	3	20
Calcium	391		25.0	447.6	4	mg/L		228	75 - 125	6	20
Cobalt	0.0016	J	0.500	0.595		mg/L		119	75 - 125	3	20
Iron	5.7	F1	5.10	12.97	F1	mg/L		142	75 - 125	12	20
Lead	0.0061	J	0.500	0.601		mg/L		119	75 - 125	2	20
Magnesium	130		25.0	169.8	4	mg/L		160	75 - 125	9	20
Manganese	0.76		0.500	1.30		mg/L		108	75 - 125	4	20
Nickel	0.0033	J	0.500	0.602		mg/L		120	75 - 125	2	20
Potassium	2.8		25.0	33.55		mg/L		123	75 - 125	3	20
Selenium	ND		1.00	1.18		mg/L		118	75 - 125	5	20

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QC Sample Results

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

Job ID: 480-217856-1

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

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 704899

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND		0.0500	0.0610		mg/L		122	75 - 125	2	20
Sodium	175		25.0	217.7	4	mg/L		170	75 - 125	5	20
Thallium	ND		1.00	1.19		mg/L		119	75 - 125	1	20
Vanadium	ND		0.500	0.600		mg/L		120	75 - 125	2	20
Zinc	0.0025	J B	0.500	0.607		mg/L		121	75 - 125	3	20

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 704959

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 703962

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	ND		0.500	0.553		mg/L		111	75 - 125	1	20
Copper	0.0022	J	0.500	0.561		mg/L		112	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-704132/1-A

Matrix: Water

Analysis Batch: 704221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 704132

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/18/24 11:47	03/18/24 15:31	1

Lab Sample ID: LCS 480-704132/2-A

Matrix: Water

Analysis Batch: 704221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 704132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00688		mg/L		103	80 - 120

Lab Sample ID: 480-217856-4 MS

Matrix: Ground Water

Analysis Batch: 704221

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 704132

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00669	0.00664		mg/L		99	80 - 120

Lab Sample ID: 480-217856-4 MSD

Matrix: Ground Water

Analysis Batch: 704221

Client Sample ID: BCC Area E RFI-32A

Prep Type: Total/NA

Prep Batch: 704132

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00669	0.00665		mg/L		99	80 - 120	0	20

Eurofins Buffalo

QC Association Summary

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

Job ID: 480-217856-1

GC/MS VOA

Analysis Batch: 703941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	8260C	
MB 480-703941/8	Method Blank	Total/NA	Water	8260C	
LCS 480-703941/6	Lab Control Sample	Total/NA	Water	8260C	
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	8260C	
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	8260C	

Analysis Batch: 704121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	8260C	
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	8260C	
480-217856-3	BCC Area E RFI-29	Total/NA	Ground Water	8260C	
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	8260C	
480-217856-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-704121/8	Method Blank	Total/NA	Water	8260C	
LCS 480-704121/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-704121/29	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 704178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	3510C	
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	3510C	
480-217856-3	BCC Area E RFI-29	Total/NA	Ground Water	3510C	
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	3510C	
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	3510C	
MB 480-704178/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-704178/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	3510C	
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	3510C	

Analysis Batch: 704253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	8270D	704178
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	8270D	704178
480-217856-3	BCC Area E RFI-29	Total/NA	Ground Water	8270D	704178
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	8270D	704178
MB 480-704178/1-A	Method Blank	Total/NA	Water	8270D	704178
LCS 480-704178/2-A	Lab Control Sample	Total/NA	Water	8270D	704178
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	8270D	704178
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	8270D	704178

Analysis Batch: 704403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	8270D	704178

Metals

Prep Batch: 703962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	3005A	
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	3005A	

Eurofins Buffalo

QC Association Summary

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

Job ID: 480-217856-1

Metals (Continued)

Prep Batch: 703962 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-3	BCC Area E RFI-29	Total/NA	Ground Water	3005A	
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	3005A	
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	3005A	
MB 480-703962/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-703962/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 480-703962/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	3005A	
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	3005A	

Prep Batch: 704132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	7470A	
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	7470A	
480-217856-3	BCC Area E RFI-29	Total/NA	Ground Water	7470A	
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	7470A	
MB 480-704132/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-704132/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	

Analysis Batch: 704221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	7470A	704132
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	7470A	704132
480-217856-3	BCC Area E RFI-29	Total/NA	Ground Water	7470A	704132
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	704132
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	7470A	704132
MB 480-704132/1-A	Method Blank	Total/NA	Water	7470A	704132
LCS 480-704132/2-A	Lab Control Sample	Total/NA	Water	7470A	704132
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	704132
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	704132

Analysis Batch: 704899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	6010C	703962
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	6010C	703962
480-217856-3	BCC Area E RFI-29	Total/NA	Ground Water	6010C	703962
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	703962
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	6010C	703962
LCS 480-703962/2-A	Lab Control Sample	Total/NA	Water	6010C	703962
LCSD 480-703962/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	703962
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	703962
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	703962

Analysis Batch: 704959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217856-1	BCC Area E RFI-32A D	Total/NA	Ground Water	6010C	703962
480-217856-2	BCC Area E MW-E05	Total/NA	Ground Water	6010C	703962
480-217856-4	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	703962
480-217856-5	BCC Area E RFI-33	Total/NA	Ground Water	6010C	703962

Eurofins Buffalo

QC Association Summary

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

Job ID: 480-217856-1

Metals (Continued)

Analysis Batch: 704959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-703962/1-A	Method Blank	Total/NA	Water	6010C	703962
480-217856-4 MS	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	703962
480-217856-4 MSD	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	703962

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Lab Chronicle

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A D

Lab Sample ID: 480-217856-1

Date Collected: 03/14/24 11:10

Matrix: Ground Water

Date Received: 03/14/24 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4000	704121	CC	EET BUF	03/18/24 15:49
Total/NA	Prep	3510C			704178	LSC	EET BUF	03/18/24 13:41
Total/NA	Analysis	8270D		5	704253	JMM	EET BUF	03/19/24 15:01
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704899	BMB	EET BUF	03/22/24 20:59
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704959	BMB	EET BUF	03/25/24 14:00
Total/NA	Prep	7470A			704132	NVK	EET BUF	03/18/24 11:47
Total/NA	Analysis	7470A		1	704221	NVK	EET BUF	03/18/24 15:34

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-217856-2

Date Collected: 03/14/24 12:50

Matrix: Ground Water

Date Received: 03/14/24 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	704121	CC	EET BUF	03/18/24 16:11
Total/NA	Prep	3510C			704178	LSC	EET BUF	03/18/24 13:41
Total/NA	Analysis	8270D		1	704253	JMM	EET BUF	03/19/24 15:30
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704899	BMB	EET BUF	03/22/24 21:02
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704959	BMB	EET BUF	03/25/24 14:04
Total/NA	Prep	7470A			704132	NVK	EET BUF	03/18/24 11:47
Total/NA	Analysis	7470A		1	704221	NVK	EET BUF	03/18/24 15:35

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-217856-3

Date Collected: 03/14/24 14:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	704121	CC	EET BUF	03/18/24 16:34
Total/NA	Prep	3510C			704178	LSC	EET BUF	03/18/24 13:41
Total/NA	Analysis	8270D		1	704253	JMM	EET BUF	03/19/24 15:58
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704899	BMB	EET BUF	03/22/24 21:06
Total/NA	Prep	7470A			704132	NVK	EET BUF	03/18/24 11:47
Total/NA	Analysis	7470A		1	704221	NVK	EET BUF	03/18/24 15:36

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-217856-4

Date Collected: 03/14/24 11:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4000	703941	ZN	EET BUF	03/15/24 18:52

Eurofins Buffalo

Lab Chronicle

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

Job ID: 480-217856-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-217856-4

Date Collected: 03/14/24 11:05

Matrix: Ground Water

Date Received: 03/14/24 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			704178	LSC	EET BUF	03/18/24 13:41
Total/NA	Analysis	8270D		20	704253	JMM	EET BUF	03/19/24 13:37
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704899	BMB	EET BUF	03/22/24 21:09
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704959	BMB	EET BUF	03/25/24 14:07
Total/NA	Prep	7470A			704132	NVK	EET BUF	03/18/24 11:47
Total/NA	Analysis	7470A		1	704221	NVK	EET BUF	03/18/24 15:40

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-217856-5

Date Collected: 03/14/24 09:35

Matrix: Ground Water

Date Received: 03/14/24 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	704121	CC	EET BUF	03/18/24 16:56
Total/NA	Prep	3510C			704178	LSC	EET BUF	03/18/24 13:41
Total/NA	Analysis	8270D		1	704403	JMM	EET BUF	03/20/24 14:09
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704899	BMB	EET BUF	03/22/24 21:37
Total/NA	Prep	3005A			703962	EMO	EET BUF	03/18/24 09:08
Total/NA	Analysis	6010C		1	704959	BMB	EET BUF	03/25/24 14:35
Total/NA	Prep	7470A			704132	NVK	EET BUF	03/18/24 11:47
Total/NA	Analysis	7470A		1	704221	NVK	EET BUF	03/18/24 15:45

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-217856-6

Date Collected: 03/14/24 09:35

Matrix: Water

Date Received: 03/14/24 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	704121	CC	EET BUF	03/18/24 17:19

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-217856-1

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

- 1
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Method Summary

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

Job ID: 480-217856-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins 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-Area E

Job ID: 480-217856-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-217856-1	BCC Area E RFI-32A D	Ground Water	03/14/24 11:10	03/14/24 14:35
480-217856-2	BCC Area E MW-E05	Ground Water	03/14/24 12:50	03/14/24 14:35
480-217856-3	BCC Area E RFI-29	Ground Water	03/14/24 14:05	03/14/24 14:35
480-217856-4	BCC Area E RFI-32A	Ground Water	03/14/24 11:05	03/14/24 14:35
480-217856-5	BCC Area E RFI-33	Ground Water	03/14/24 09:35	03/14/24 14:35
480-217856-6	TRIP BLANK	Water	03/14/24 09:35	03/14/24 14:35

Chain of Custody Record



1st QTR 20:
Area E
Environment Testing

Client Information		Lab PM: Schove, John R		Carrier Tracking No(s): OSC		COC No: 480-191562-6267.1			
Client Contact: Kirsten Colligan		E-Mail: John.Schove@et.eurofinsus.com		State of Origin: NY		Page: Page 1 of 1			
Company: Ontario Specialty Contracting, Inc.		PWSID:		Job #:		Job #:			
Address: 140 Lee St.		Due Date Requested: Standard		Analysis Requested		Preservation Codes:			
City: Buffalo		TAT Requested (days): 2 weeks				M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)			
State, Zip: NY, 14210		Compliance Project: Δ Yes Δ No				Other:			
Phone: 716-856-3333		PO #: 66974							
Email: kcolligan@oscinc.com		WO #: 16011							
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area		Project #: 48003159							
Site: New York		SSOW#:							
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=water/soil, BT=Tissue, A=Air)	
BCC Area E MW-E05		3-14-24		12:50		G		Water	
BCC Area E RFI-29				14:05		G		Water	
BCC Area E RFI-32A				11:05		G		Water	
BCC Area E RFI-33				9:35		G		Water	
BCC Area E RFI-32A D				11:10		G		Water	
BCC Area E RFI-32A MS				11:15		G		Water	
BCC Area E RFI-32A MSD				11:20		G		Water	
TRIP BLANK				9:35				Water	
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological							
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:		Date:		Time:					
Relinquished by: Jeffery Thompson		Date/Time: 3-14-24 14:35		Company: OSC		Received by: yna		Date/Time: 3-14-23 04:43 Company: TAB	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time: Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time: Company:	
Custody Seals Intact: X Yes Δ No		Custody Seal No.: 2149473		Cooler Temperature(s) °C and Other Remarks: 5.2 #1 JCK					

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-217856-1

Login Number: 217856

List Number: 1

Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210

Generated 6/12/2024 9:47:03 AM

JOB DESCRIPTION

Buffalo Color Area E Wells

JOB NUMBER

480-220331-1

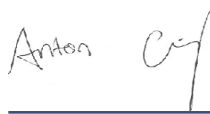
Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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6/12/2024 9:47:03 AM

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

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.

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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project:

Job ID: 480-220331-1

Job ID: 480-220331-1

Eurofins Buffalo

Job Narrative 480-220331-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/30/2024 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

GC/MS VOA

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-713986 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, 1,2-Dichloroethane, Trichloroethene and Tetrachloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: BCC Area E MW-E05 (480-220331-2), BCC Area E RFI-29 (480-220331-3), BCC Area E RFI-32A (480-220331-4), BCC Area E RFI-33 (480-220331-5) and TRIP BLANK (480-220331-6).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-713986 recovered above the upper control limit for 1,1,1-Trichloroethane, Dichlorobromomethane, 1,2-Dichloroethane, Carbon tetrachloride, trans-1,3-Dichloropropene and Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BCC Area E MW-E05 (480-220331-2), BCC Area E RFI-29 (480-220331-3), BCC Area E RFI-32A (480-220331-4), BCC Area E RFI-33 (480-220331-5) and TRIP BLANK (480-220331-6).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-713986 were outside control limits for one or more analytes. See QC Sample Results for detail. The associated samples are impacted: BCC Area E RFI-33 MS (480-220331-5[MS]) and BCC Area E RFI-33 MSD (480-220331-5[MSD]).

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-713986 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. The associated samples are impacted: BCC Area E RFI-33 MS (480-220331-5[MS]) and BCC Area E RFI-33 MSD (480-220331-5[MSD]).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32A (480-220331-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-714158 recovered outside acceptance criteria, low biased, for 2-Methyl-2-propanol and Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is impacted: BCC Area E RFI-33 D (480-220331-1).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-714158 recovered above the upper control limit for 1,2-Dichloroethane and Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: BCC Area E RFI-33 D (480-220331-1).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-714158 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane and 1,2-Dichloroethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: BCC Area E RFI-33 D (480-220331-1).

Method 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 480-714158 recovered outside control limits for the following analytes: Acetone, cis-1,3-Dichloropropene and Methyl acetate.

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Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project:

Job ID: 480-220331-1

Job ID: 480-220331-1 (Continued)

Eurofins Buffalo

The associated sample is impacted: BCC Area E RFI-33 D (480-220331-1).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-714158 recovered outside acceptance criteria, low biased, for Tetrahydrofuran. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-714796 recovered outside acceptance criteria, low biased, for 3-Nitroaniline and Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The following samples were diluted due to color, appearance and viscosity: BCC Area E RFI-33 D (480-220331-1) and BCC Area E RFI-32A (480-220331-4). Elevated reporting limits (RL) are provided.

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

Metals

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

General Chemistry

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

Eurofins Buffalo

Detection Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-220331-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.042		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	86.5		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0018	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Copper	0.0034	J	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.048	J	0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	15.1		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.026		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0088	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	0.88	B	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	69.3		1.0	0.32	mg/L	1		6010D	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010D	Total/NA
Zinc	0.0034	J	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-220331-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.3		1.0	0.75	ug/L	1		8260C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010D	Total/NA
Cadmium	0.016		0.0020	0.00050	mg/L	1		6010D	Total/NA
Calcium	168		0.50	0.10	mg/L	1		6010D	Total/NA
Cobalt	0.0023	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Copper	0.15		0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.028	J	0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.011		0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	18.2		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.036		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	7.1	B	0.50	0.10	mg/L	1		6010D	Total/NA
Selenium	0.014	J	0.025	0.0087	mg/L	1		6010D	Total/NA
Sodium	87.9		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	2.9		0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-220331-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	4.9		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	3.8		1.0	0.84	ug/L	1		8260C	Total/NA
Carbon disulfide	0.44	J	1.0	0.19	ug/L	1		8260C	Total/NA
Chlorobenzene	29		1.0	0.75	ug/L	1		8260C	Total/NA
Barium	0.069		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	122		0.50	0.10	mg/L	1		6010D	Total/NA
Cobalt	0.00072	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Iron	0.35		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	17.5		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.21		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0016	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	6.5	B	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	198		1.0	0.32	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-220331-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	140000		4000	3000	ug/L	4000		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: 480-220331-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Chlorophenol	83		28	3.0	ug/L	5			8270D	Total/NA
Arsenic	0.011	J	0.015	0.0056	mg/L	1			6010D	Total/NA
Barium	0.019		0.0020	0.00070	mg/L	1			6010D	Total/NA
Calcium	371		0.50	0.10	mg/L	1			6010D	Total/NA
Cobalt	0.0017	J	0.0040	0.00063	mg/L	1			6010D	Total/NA
Iron	3.4		0.050	0.019	mg/L	1			6010D	Total/NA
Magnesium	113		0.20	0.043	mg/L	1			6010D	Total/NA
Manganese	0.77		0.0030	0.00040	mg/L	1			6010D	Total/NA
Nickel	0.0049	J	0.010	0.0013	mg/L	1			6010D	Total/NA
Potassium	2.5	B	0.50	0.10	mg/L	1			6010D	Total/NA
Sodium	158		1.0	0.32	mg/L	1			6010D	Total/NA
Zinc	0.0029	J	0.010	0.0015	mg/L	1			6010D	Total/NA
Sulfate	765		250	75.0	mg/L	50			D516-90, 02	Total/NA
Total Organic Carbon	5.9		1.0	0.43	mg/L	1			SM 5310D	Total/NA

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-220331-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.042		0.0020	0.00070	mg/L	1			6010D	Total/NA
Calcium	85.5		0.50	0.10	mg/L	1			6010D	Total/NA
Copper	0.0033	J	0.010	0.0016	mg/L	1			6010D	Total/NA
Iron	0.036	J	0.050	0.019	mg/L	1			6010D	Total/NA
Magnesium	15.0		0.20	0.043	mg/L	1			6010D	Total/NA
Manganese	0.025		0.0030	0.00040	mg/L	1			6010D	Total/NA
Nickel	0.0090	J	0.010	0.0013	mg/L	1			6010D	Total/NA
Potassium	0.80	B	0.50	0.10	mg/L	1			6010D	Total/NA
Sodium	68.1		1.0	0.32	mg/L	1			6010D	Total/NA
Vanadium	0.0015	J	0.0050	0.0015	mg/L	1			6010D	Total/NA
Zinc	0.0031	J	0.010	0.0015	mg/L	1			6010D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-220331-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-220331-1

Date Collected: 05/30/24 09:35

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*+	1.0	0.82	ug/L			06/03/24 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/03/24 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/03/24 13:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/03/24 13:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/03/24 13:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/03/24 13:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/03/24 13:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/03/24 13:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/03/24 13:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/03/24 13:48	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			06/03/24 13:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/03/24 13:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/03/24 13:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/03/24 13:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/24 13:48	1
2-Hexanone	ND		5.0	1.2	ug/L			06/03/24 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/03/24 13:48	1
Acetone	ND	*1	10	3.0	ug/L			06/03/24 13:48	1
Benzene	ND		1.0	0.41	ug/L			06/03/24 13:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/03/24 13:48	1
Bromoform	ND		1.0	0.26	ug/L			06/03/24 13:48	1
Bromomethane	ND		1.0	0.69	ug/L			06/03/24 13:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/03/24 13:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/03/24 13:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/03/24 13:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/03/24 13:48	1
Chloroform	ND		1.0	0.34	ug/L			06/03/24 13:48	1
Chloromethane	ND		1.0	0.35	ug/L			06/03/24 13:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/03/24 13:48	1
cis-1,3-Dichloropropene	ND	*1	1.0	0.36	ug/L			06/03/24 13:48	1
Cyclohexane	ND		1.0	0.18	ug/L			06/03/24 13:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/03/24 13:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/03/24 13:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/03/24 13:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/03/24 13:48	1
Methyl acetate	ND	*1	2.5	1.3	ug/L			06/03/24 13:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/03/24 13:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/03/24 13:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/03/24 13:48	1
Styrene	ND		1.0	0.73	ug/L			06/03/24 13:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/03/24 13:48	1
Toluene	ND		1.0	0.51	ug/L			06/03/24 13:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/03/24 13:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/03/24 13:48	1
Trichloroethene	ND		1.0	0.46	ug/L			06/03/24 13:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/03/24 13:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/03/24 13:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/03/24 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		06/03/24 13:48	1

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-220331-1

Date Collected: 05/30/24 09:35

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		73 - 120		06/03/24 13:48	1
Toluene-d8 (Surr)	88		80 - 120		06/03/24 13:48	1
Dibromofluoromethane (Surr)	98		75 - 123		06/03/24 13:48	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		06/06/24 09:57	06/07/24 23:02	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		06/06/24 09:57	06/07/24 23:02	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		06/06/24 09:57	06/07/24 23:02	5
2,4-Dinitrophenol	ND		50	11	ug/L		06/06/24 09:57	06/07/24 23:02	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		06/06/24 09:57	06/07/24 23:02	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
2-Chloronaphthalene	ND		25	2.3	ug/L		06/06/24 09:57	06/07/24 23:02	5
2-Chlorophenol	ND		25	2.7	ug/L		06/06/24 09:57	06/07/24 23:02	5
2-Methylnaphthalene	ND		25	3.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
2-Methylphenol	ND		25	2.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
2-Nitroaniline	ND		50	2.1	ug/L		06/06/24 09:57	06/07/24 23:02	5
2-Nitrophenol	ND		25	2.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
3-Nitroaniline	ND		50	2.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		06/06/24 09:57	06/07/24 23:02	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		06/06/24 09:57	06/07/24 23:02	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		06/06/24 09:57	06/07/24 23:02	5
4-Chloroaniline	ND		25	3.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
4-Methylphenol	ND		50	1.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
4-Nitroaniline	ND		50	1.3	ug/L		06/06/24 09:57	06/07/24 23:02	5
4-Nitrophenol	ND		50	7.6	ug/L		06/06/24 09:57	06/07/24 23:02	5
Acenaphthene	ND		25	2.1	ug/L		06/06/24 09:57	06/07/24 23:02	5
Acenaphthylene	ND		25	1.9	ug/L		06/06/24 09:57	06/07/24 23:02	5
Acetophenone	ND		25	2.7	ug/L		06/06/24 09:57	06/07/24 23:02	5
Aniline	ND		50	3.1	ug/L		06/06/24 09:57	06/07/24 23:02	5
Anthracene	ND		25	1.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
Atrazine	ND		25	2.3	ug/L		06/06/24 09:57	06/07/24 23:02	5
Benzaldehyde	ND		25	1.3	ug/L		06/06/24 09:57	06/07/24 23:02	5
Benzo(a)anthracene	ND		25	1.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
Benzo(a)pyrene	ND		25	2.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		06/06/24 09:57	06/07/24 23:02	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		06/06/24 09:57	06/07/24 23:02	5
Biphenyl	ND		25	3.3	ug/L		06/06/24 09:57	06/07/24 23:02	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		06/06/24 09:57	06/07/24 23:02	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		06/06/24 09:57	06/07/24 23:02	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
Caprolactam	ND		25	11	ug/L		06/06/24 09:57	06/07/24 23:02	5
Carbazole	ND		25	1.5	ug/L		06/06/24 09:57	06/07/24 23:02	5
Chrysene	ND		25	1.7	ug/L		06/06/24 09:57	06/07/24 23:02	5

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-220331-1

Date Collected: 05/30/24 09:35

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		06/06/24 09:57	06/07/24 23:02	5
Dibenzofuran	ND		50	2.6	ug/L		06/06/24 09:57	06/07/24 23:02	5
Diethyl phthalate	ND		25	1.1	ug/L		06/06/24 09:57	06/07/24 23:02	5
Dimethyl phthalate	ND		25	1.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		06/06/24 09:57	06/07/24 23:02	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
Fluoranthene	ND		25	2.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
Fluorene	ND		25	1.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
Hexachlorobenzene	ND		25	2.6	ug/L		06/06/24 09:57	06/07/24 23:02	5
Hexachlorobutadiene	ND		25	3.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
Hexachloroethane	ND		25	3.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		06/06/24 09:57	06/07/24 23:02	5
Isophorone	ND		25	2.2	ug/L		06/06/24 09:57	06/07/24 23:02	5
Naphthalene	ND		25	3.8	ug/L		06/06/24 09:57	06/07/24 23:02	5
Nitrobenzene	ND		25	1.5	ug/L		06/06/24 09:57	06/07/24 23:02	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		06/06/24 09:57	06/07/24 23:02	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		06/06/24 09:57	06/07/24 23:02	5
Pentachlorophenol	ND		50	11	ug/L		06/06/24 09:57	06/07/24 23:02	5
Phenanthrene	ND		25	2.2	ug/L		06/06/24 09:57	06/07/24 23:02	5
Phenol	ND		25	2.0	ug/L		06/06/24 09:57	06/07/24 23:02	5
Pyrene	ND		25	1.7	ug/L		06/06/24 09:57	06/07/24 23:02	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		25 - 144	06/06/24 09:57	06/07/24 23:02	5
2-Fluorobiphenyl	81		53 - 126	06/06/24 09:57	06/07/24 23:02	5
2-Fluorophenol	57		24 - 120	06/06/24 09:57	06/07/24 23:02	5
Nitrobenzene-d5	72		29 - 129	06/06/24 09:57	06/07/24 23:02	5
Phenol-d5	45		10 - 120	06/06/24 09:57	06/07/24 23:02	5
p-Terphenyl-d14	65		33 - 132	06/06/24 09:57	06/07/24 23:02	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/04/24 09:06	06/04/24 15:11	1
Antimony	ND		0.020	0.0068	mg/L		06/04/24 09:06	06/04/24 15:11	1
Arsenic	ND		0.015	0.0056	mg/L		06/04/24 09:06	06/04/24 15:11	1
Barium	0.042		0.0020	0.00070	mg/L		06/04/24 09:06	06/04/24 15:11	1
Beryllium	ND		0.0020	0.00030	mg/L		06/04/24 09:06	06/04/24 15:11	1
Cadmium	ND		0.0020	0.00050	mg/L		06/04/24 09:06	06/04/24 15:11	1
Calcium	86.5		0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:11	1
Chromium	0.0018	J	0.0040	0.0010	mg/L		06/04/24 09:06	06/04/24 15:11	1
Cobalt	ND		0.0040	0.00063	mg/L		06/04/24 09:06	06/04/24 15:11	1
Copper	0.0034	J	0.010	0.0016	mg/L		06/04/24 09:06	06/04/24 15:11	1
Iron	0.048	J	0.050	0.019	mg/L		06/04/24 09:06	06/04/24 15:11	1
Lead	ND		0.010	0.0030	mg/L		06/04/24 09:06	06/04/24 15:11	1
Magnesium	15.1		0.20	0.043	mg/L		06/04/24 09:06	06/04/24 15:11	1
Manganese	0.026		0.0030	0.00040	mg/L		06/04/24 09:06	06/04/24 15:11	1
Nickel	0.0088	J	0.010	0.0013	mg/L		06/04/24 09:06	06/04/24 15:11	1
Potassium	0.88	B	0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:11	1
Selenium	ND		0.025	0.0087	mg/L		06/04/24 09:06	06/04/24 15:11	1
Silver	ND		0.0060	0.0017	mg/L		06/04/24 09:06	06/04/24 15:11	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-220331-1

Date Collected: 05/30/24 09:35

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	69.3		1.0	0.32	mg/L		06/04/24 09:06	06/04/24 15:11	1
Thallium	ND		0.020	0.010	mg/L		06/04/24 09:06	06/04/24 15:11	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		06/04/24 09:06	06/04/24 15:11	1
Zinc	0.0034	J	0.010	0.0015	mg/L		06/04/24 09:06	06/04/24 15:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		06/03/24 09:17	06/03/24 12:14	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-220331-2

Date Collected: 05/30/24 12:15

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*+	1.0	0.82	ug/L			05/31/24 15:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/31/24 15:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/31/24 15:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/31/24 15:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/31/24 15:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/31/24 15:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/31/24 15:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/31/24 15:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/31/24 15:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/31/24 15:12	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			05/31/24 15:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/31/24 15:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/31/24 15:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/31/24 15:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/31/24 15:12	1
2-Hexanone	ND		5.0	1.2	ug/L			05/31/24 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/31/24 15:12	1
Acetone	ND		10	3.0	ug/L			05/31/24 15:12	1
Benzene	ND		1.0	0.41	ug/L			05/31/24 15:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/31/24 15:12	1
Bromoform	ND		1.0	0.26	ug/L			05/31/24 15:12	1
Bromomethane	ND		1.0	0.69	ug/L			05/31/24 15:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/31/24 15:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/31/24 15:12	1
Chlorobenzene	1.3		1.0	0.75	ug/L			05/31/24 15:12	1
Chloroethane	ND		1.0	0.32	ug/L			05/31/24 15:12	1
Chloroform	ND		1.0	0.34	ug/L			05/31/24 15:12	1
Chloromethane	ND		1.0	0.35	ug/L			05/31/24 15:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/31/24 15:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/31/24 15:12	1
Cyclohexane	ND		1.0	0.18	ug/L			05/31/24 15:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/31/24 15:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/31/24 15:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/31/24 15:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/31/24 15:12	1
Methyl acetate	ND		2.5	1.3	ug/L			05/31/24 15:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/31/24 15:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/31/24 15:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/31/24 15:12	1
Styrene	ND		1.0	0.73	ug/L			05/31/24 15:12	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			05/31/24 15:12	1
Toluene	ND		1.0	0.51	ug/L			05/31/24 15:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/31/24 15:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/31/24 15:12	1
Trichloroethene	ND	*+	1.0	0.46	ug/L			05/31/24 15:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/31/24 15:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/31/24 15:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/31/24 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		05/31/24 15:12	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-220331-2

Date Collected: 05/30/24 12:15

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		73 - 120		05/31/24 15:12	1
Toluene-d8 (Surr)	93		80 - 120		05/31/24 15:12	1
Dibromofluoromethane (Surr)	102		75 - 123		05/31/24 15:12	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		06/06/24 09:57	06/07/24 23:29	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		06/06/24 09:57	06/07/24 23:29	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		06/06/24 09:57	06/07/24 23:29	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		06/06/24 09:57	06/07/24 23:29	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		06/06/24 09:57	06/07/24 23:29	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		06/06/24 09:57	06/07/24 23:29	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		06/06/24 09:57	06/07/24 23:29	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		06/06/24 09:57	06/07/24 23:29	1
2-Chlorophenol	ND		5.2	0.55	ug/L		06/06/24 09:57	06/07/24 23:29	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		06/06/24 09:57	06/07/24 23:29	1
2-Methylphenol	ND		5.2	0.42	ug/L		06/06/24 09:57	06/07/24 23:29	1
2-Nitroaniline	ND		10	0.44	ug/L		06/06/24 09:57	06/07/24 23:29	1
2-Nitrophenol	ND		5.2	0.50	ug/L		06/06/24 09:57	06/07/24 23:29	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		06/06/24 09:57	06/07/24 23:29	1
3-Nitroaniline	ND		10	0.50	ug/L		06/06/24 09:57	06/07/24 23:29	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		06/06/24 09:57	06/07/24 23:29	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		06/06/24 09:57	06/07/24 23:29	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		06/06/24 09:57	06/07/24 23:29	1
4-Chloroaniline	ND		5.2	0.61	ug/L		06/06/24 09:57	06/07/24 23:29	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		06/06/24 09:57	06/07/24 23:29	1
4-Methylphenol	ND		10	0.38	ug/L		06/06/24 09:57	06/07/24 23:29	1
4-Nitroaniline	ND		10	0.26	ug/L		06/06/24 09:57	06/07/24 23:29	1
4-Nitrophenol	ND		10	1.6	ug/L		06/06/24 09:57	06/07/24 23:29	1
Acenaphthene	ND		5.2	0.43	ug/L		06/06/24 09:57	06/07/24 23:29	1
Acenaphthylene	ND		5.2	0.40	ug/L		06/06/24 09:57	06/07/24 23:29	1
Acetophenone	ND		5.2	0.56	ug/L		06/06/24 09:57	06/07/24 23:29	1
Aniline	ND		10	0.64	ug/L		06/06/24 09:57	06/07/24 23:29	1
Anthracene	ND		5.2	0.29	ug/L		06/06/24 09:57	06/07/24 23:29	1
Atrazine	ND		5.2	0.48	ug/L		06/06/24 09:57	06/07/24 23:29	1
Benzaldehyde	ND		5.2	0.28	ug/L		06/06/24 09:57	06/07/24 23:29	1
Benzo(a)anthracene	ND		5.2	0.38	ug/L		06/06/24 09:57	06/07/24 23:29	1
Benzo(a)pyrene	ND		5.2	0.49	ug/L		06/06/24 09:57	06/07/24 23:29	1
Benzo(b)fluoranthene	ND		5.2	0.35	ug/L		06/06/24 09:57	06/07/24 23:29	1
Benzo(g,h,i)perylene	ND		5.2	0.36	ug/L		06/06/24 09:57	06/07/24 23:29	1
Benzo(k)fluoranthene	ND		5.2	0.76	ug/L		06/06/24 09:57	06/07/24 23:29	1
Biphenyl	ND		5.2	0.68	ug/L		06/06/24 09:57	06/07/24 23:29	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		06/06/24 09:57	06/07/24 23:29	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		06/06/24 09:57	06/07/24 23:29	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		06/06/24 09:57	06/07/24 23:29	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		06/06/24 09:57	06/07/24 23:29	1
Butyl benzyl phthalate	ND		5.2	1.0	ug/L		06/06/24 09:57	06/07/24 23:29	1
Caprolactam	ND		5.2	2.3	ug/L		06/06/24 09:57	06/07/24 23:29	1
Carbazole	ND		5.2	0.31	ug/L		06/06/24 09:57	06/07/24 23:29	1
Chrysene	ND		5.2	0.34	ug/L		06/06/24 09:57	06/07/24 23:29	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-220331-2

Date Collected: 05/30/24 12:15

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		06/06/24 09:57	06/07/24 23:29	1
Dibenzofuran	ND		10	0.53	ug/L		06/06/24 09:57	06/07/24 23:29	1
Diethyl phthalate	ND		5.2	0.23	ug/L		06/06/24 09:57	06/07/24 23:29	1
Dimethyl phthalate	ND		5.2	0.38	ug/L		06/06/24 09:57	06/07/24 23:29	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		06/06/24 09:57	06/07/24 23:29	1
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		06/06/24 09:57	06/07/24 23:29	1
Fluoranthene	ND		5.2	0.42	ug/L		06/06/24 09:57	06/07/24 23:29	1
Fluorene	ND		5.2	0.38	ug/L		06/06/24 09:57	06/07/24 23:29	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		06/06/24 09:57	06/07/24 23:29	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		06/06/24 09:57	06/07/24 23:29	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		06/06/24 09:57	06/07/24 23:29	1
Hexachloroethane	ND		5.2	0.61	ug/L		06/06/24 09:57	06/07/24 23:29	1
Indeno(1,2,3-cd)pyrene	ND		5.2	0.49	ug/L		06/06/24 09:57	06/07/24 23:29	1
Isophorone	ND		5.2	0.45	ug/L		06/06/24 09:57	06/07/24 23:29	1
Naphthalene	ND		5.2	0.79	ug/L		06/06/24 09:57	06/07/24 23:29	1
Nitrobenzene	ND		5.2	0.30	ug/L		06/06/24 09:57	06/07/24 23:29	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		06/06/24 09:57	06/07/24 23:29	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		06/06/24 09:57	06/07/24 23:29	1
Pentachlorophenol	ND		10	2.3	ug/L		06/06/24 09:57	06/07/24 23:29	1
Phenanthrene	ND		5.2	0.46	ug/L		06/06/24 09:57	06/07/24 23:29	1
Phenol	ND		5.2	0.41	ug/L		06/06/24 09:57	06/07/24 23:29	1
Pyrene	ND		5.2	0.35	ug/L		06/06/24 09:57	06/07/24 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		25 - 144	06/06/24 09:57	06/07/24 23:29	1
2-Fluorobiphenyl	76		53 - 126	06/06/24 09:57	06/07/24 23:29	1
2-Fluorophenol	57		24 - 120	06/06/24 09:57	06/07/24 23:29	1
Nitrobenzene-d5	69		29 - 129	06/06/24 09:57	06/07/24 23:29	1
Phenol-d5	43		10 - 120	06/06/24 09:57	06/07/24 23:29	1
p-Terphenyl-d14	75		33 - 132	06/06/24 09:57	06/07/24 23:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/04/24 09:06	06/04/24 15:13	1
Antimony	ND		0.020	0.0068	mg/L		06/04/24 09:06	06/04/24 15:13	1
Arsenic	ND		0.015	0.0056	mg/L		06/04/24 09:06	06/04/24 15:13	1
Barium	0.035		0.0020	0.00070	mg/L		06/04/24 09:06	06/04/24 15:13	1
Beryllium	ND		0.0020	0.00030	mg/L		06/04/24 09:06	06/04/24 15:13	1
Cadmium	0.016		0.0020	0.00050	mg/L		06/04/24 09:06	06/04/24 15:13	1
Calcium	168		0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:13	1
Chromium	ND		0.0040	0.0010	mg/L		06/04/24 09:06	06/04/24 15:13	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		06/04/24 09:06	06/04/24 15:13	1
Copper	0.15		0.010	0.0016	mg/L		06/04/24 09:06	06/04/24 15:13	1
Iron	0.028	J	0.050	0.019	mg/L		06/04/24 09:06	06/04/24 15:13	1
Lead	0.011		0.010	0.0030	mg/L		06/04/24 09:06	06/04/24 15:13	1
Magnesium	18.2		0.20	0.043	mg/L		06/04/24 09:06	06/04/24 15:13	1
Manganese	0.036		0.0030	0.00040	mg/L		06/04/24 09:06	06/04/24 15:13	1
Nickel	0.016		0.010	0.0013	mg/L		06/04/24 09:06	06/04/24 15:13	1
Potassium	7.1	B	0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:13	1
Selenium	0.014	J	0.025	0.0087	mg/L		06/04/24 09:06	06/04/24 15:13	1
Silver	ND		0.0060	0.0017	mg/L		06/04/24 09:06	06/04/24 15:13	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-220331-2

Date Collected: 05/30/24 12:15

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	87.9		1.0	0.32	mg/L		06/04/24 09:06	06/04/24 15:13	1
Thallium	ND		0.020	0.010	mg/L		06/04/24 09:06	06/04/24 15:13	1
Vanadium	ND		0.0050	0.0015	mg/L		06/04/24 09:06	06/04/24 15:13	1
Zinc	2.9		0.010	0.0015	mg/L		06/04/24 09:06	06/04/24 15:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		06/03/24 09:17	06/03/24 12:15	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-220331-3

Date Collected: 05/30/24 13:30

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*+	1.0	0.82	ug/L			05/31/24 15:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/31/24 15:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/31/24 15:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/31/24 15:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/31/24 15:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/31/24 15:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/31/24 15:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/31/24 15:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/31/24 15:35	1
1,2-Dichlorobenzene	4.9		1.0	0.79	ug/L			05/31/24 15:35	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			05/31/24 15:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/31/24 15:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/31/24 15:35	1
1,4-Dichlorobenzene	3.8		1.0	0.84	ug/L			05/31/24 15:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/31/24 15:35	1
2-Hexanone	ND		5.0	1.2	ug/L			05/31/24 15:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/31/24 15:35	1
Acetone	ND		10	3.0	ug/L			05/31/24 15:35	1
Benzene	ND		1.0	0.41	ug/L			05/31/24 15:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/31/24 15:35	1
Bromoform	ND		1.0	0.26	ug/L			05/31/24 15:35	1
Bromomethane	ND		1.0	0.69	ug/L			05/31/24 15:35	1
Carbon disulfide	0.44	J	1.0	0.19	ug/L			05/31/24 15:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/31/24 15:35	1
Chlorobenzene	29		1.0	0.75	ug/L			05/31/24 15:35	1
Chloroethane	ND		1.0	0.32	ug/L			05/31/24 15:35	1
Chloroform	ND		1.0	0.34	ug/L			05/31/24 15:35	1
Chloromethane	ND		1.0	0.35	ug/L			05/31/24 15:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/31/24 15:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/31/24 15:35	1
Cyclohexane	ND		1.0	0.18	ug/L			05/31/24 15:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/31/24 15:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/31/24 15:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/31/24 15:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/31/24 15:35	1
Methyl acetate	ND		2.5	1.3	ug/L			05/31/24 15:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/31/24 15:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/31/24 15:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/31/24 15:35	1
Styrene	ND		1.0	0.73	ug/L			05/31/24 15:35	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			05/31/24 15:35	1
Toluene	ND		1.0	0.51	ug/L			05/31/24 15:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/31/24 15:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/31/24 15:35	1
Trichloroethene	ND	*+	1.0	0.46	ug/L			05/31/24 15:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/31/24 15:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/31/24 15:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/31/24 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		05/31/24 15:35	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-220331-3

Date Collected: 05/30/24 13:30

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		73 - 120		05/31/24 15:35	1
Toluene-d8 (Surr)	92		80 - 120		05/31/24 15:35	1
Dibromofluoromethane (Surr)	98		75 - 123		05/31/24 15:35	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/06/24 09:57	06/07/24 23:57	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/06/24 09:57	06/07/24 23:57	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 23:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/06/24 09:57	06/07/24 23:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 23:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 23:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 23:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/06/24 09:57	06/07/24 23:57	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/06/24 09:57	06/07/24 23:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/06/24 09:57	06/07/24 23:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 23:57	1
2-Nitroaniline	ND		10	0.42	ug/L		06/06/24 09:57	06/07/24 23:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/06/24 09:57	06/07/24 23:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 23:57	1
3-Nitroaniline	ND		10	0.48	ug/L		06/06/24 09:57	06/07/24 23:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 23:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 23:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 23:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 23:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 23:57	1
4-Methylphenol	ND		10	0.36	ug/L		06/06/24 09:57	06/07/24 23:57	1
4-Nitroaniline	ND		10	0.25	ug/L		06/06/24 09:57	06/07/24 23:57	1
4-Nitrophenol	ND		10	1.5	ug/L		06/06/24 09:57	06/07/24 23:57	1
Acenaphthene	ND		5.0	0.41	ug/L		06/06/24 09:57	06/07/24 23:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/06/24 09:57	06/07/24 23:57	1
Acetophenone	ND		5.0	0.54	ug/L		06/06/24 09:57	06/07/24 23:57	1
Aniline	ND		10	0.61	ug/L		06/06/24 09:57	06/07/24 23:57	1
Anthracene	ND		5.0	0.28	ug/L		06/06/24 09:57	06/07/24 23:57	1
Atrazine	ND		5.0	0.46	ug/L		06/06/24 09:57	06/07/24 23:57	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/06/24 09:57	06/07/24 23:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 23:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 23:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/06/24 09:57	06/07/24 23:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 23:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/06/24 09:57	06/07/24 23:57	1
Biphenyl	ND		5.0	0.65	ug/L		06/06/24 09:57	06/07/24 23:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/06/24 09:57	06/07/24 23:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 23:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 23:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/06/24 09:57	06/07/24 23:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/06/24 09:57	06/07/24 23:57	1
Caprolactam	ND		5.0	2.2	ug/L		06/06/24 09:57	06/07/24 23:57	1
Carbazole	ND		5.0	0.30	ug/L		06/06/24 09:57	06/07/24 23:57	1
Chrysene	ND		5.0	0.33	ug/L		06/06/24 09:57	06/07/24 23:57	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-220331-3

Date Collected: 05/30/24 13:30

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/06/24 09:57	06/07/24 23:57	1
Dibenzofuran	ND		10	0.51	ug/L		06/06/24 09:57	06/07/24 23:57	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/06/24 09:57	06/07/24 23:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 23:57	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/06/24 09:57	06/07/24 23:57	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 23:57	1
Fluoranthene	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 23:57	1
Fluorene	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 23:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 23:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/06/24 09:57	06/07/24 23:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 23:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 23:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 23:57	1
Isophorone	ND		5.0	0.43	ug/L		06/06/24 09:57	06/07/24 23:57	1
Naphthalene	ND		5.0	0.76	ug/L		06/06/24 09:57	06/07/24 23:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/06/24 09:57	06/07/24 23:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/06/24 09:57	06/07/24 23:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 23:57	1
Pentachlorophenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 23:57	1
Phenanthrene	ND		5.0	0.44	ug/L		06/06/24 09:57	06/07/24 23:57	1
Phenol	ND		5.0	0.39	ug/L		06/06/24 09:57	06/07/24 23:57	1
Pyrene	ND		5.0	0.34	ug/L		06/06/24 09:57	06/07/24 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		25 - 144	06/06/24 09:57	06/07/24 23:57	1
2-Fluorobiphenyl	77		53 - 126	06/06/24 09:57	06/07/24 23:57	1
2-Fluorophenol	58		24 - 120	06/06/24 09:57	06/07/24 23:57	1
Nitrobenzene-d5	71		29 - 129	06/06/24 09:57	06/07/24 23:57	1
Phenol-d5	44		10 - 120	06/06/24 09:57	06/07/24 23:57	1
p-Terphenyl-d14	80		33 - 132	06/06/24 09:57	06/07/24 23:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/04/24 09:06	06/04/24 15:20	1
Antimony	ND		0.020	0.0068	mg/L		06/04/24 09:06	06/04/24 15:20	1
Arsenic	ND		0.015	0.0056	mg/L		06/04/24 09:06	06/04/24 15:20	1
Barium	0.069		0.0020	0.00070	mg/L		06/04/24 09:06	06/04/24 15:20	1
Beryllium	ND		0.0020	0.00030	mg/L		06/04/24 09:06	06/04/24 15:20	1
Cadmium	ND		0.0020	0.00050	mg/L		06/04/24 09:06	06/04/24 15:20	1
Calcium	122		0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:20	1
Chromium	ND		0.0040	0.0010	mg/L		06/04/24 09:06	06/04/24 15:20	1
Cobalt	0.00072	J	0.0040	0.00063	mg/L		06/04/24 09:06	06/04/24 15:20	1
Copper	ND		0.010	0.0016	mg/L		06/04/24 09:06	06/04/24 15:20	1
Iron	0.35		0.050	0.019	mg/L		06/04/24 09:06	06/04/24 15:20	1
Lead	ND		0.010	0.0030	mg/L		06/04/24 09:06	06/04/24 15:20	1
Magnesium	17.5		0.20	0.043	mg/L		06/04/24 09:06	06/04/24 15:20	1
Manganese	0.21		0.0030	0.00040	mg/L		06/04/24 09:06	06/04/24 15:20	1
Nickel	0.0016	J	0.010	0.0013	mg/L		06/04/24 09:06	06/04/24 15:20	1
Potassium	6.5	B	0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:20	1
Selenium	ND		0.025	0.0087	mg/L		06/04/24 09:06	06/04/24 15:20	1
Silver	ND		0.0060	0.0017	mg/L		06/04/24 09:06	06/04/24 15:20	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-220331-3

Date Collected: 05/30/24 13:30

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	198		1.0	0.32	mg/L		06/04/24 09:06	06/04/24 15:20	1
Thallium	ND		0.020	0.010	mg/L		06/04/24 09:06	06/04/24 15:20	1
Vanadium	ND		0.0050	0.0015	mg/L		06/04/24 09:06	06/04/24 15:20	1
Zinc	ND		0.010	0.0015	mg/L		06/04/24 09:06	06/04/24 15:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		06/03/24 09:17	06/03/24 12:17	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-220331-4

Date Collected: 05/30/24 10:55

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*+	4000	3300	ug/L			05/31/24 15:57	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			05/31/24 15:57	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			05/31/24 15:57	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			05/31/24 15:57	4000
1,1-Dichloroethane	ND		4000	1500	ug/L			05/31/24 15:57	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			05/31/24 15:57	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			05/31/24 15:57	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			05/31/24 15:57	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			05/31/24 15:57	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			05/31/24 15:57	4000
1,2-Dichloroethane	ND	*+	4000	840	ug/L			05/31/24 15:57	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			05/31/24 15:57	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			05/31/24 15:57	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			05/31/24 15:57	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			05/31/24 15:57	4000
2-Hexanone	ND		20000	5000	ug/L			05/31/24 15:57	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			05/31/24 15:57	4000
Acetone	ND		40000	12000	ug/L			05/31/24 15:57	4000
Benzene	ND		4000	1600	ug/L			05/31/24 15:57	4000
Bromodichloromethane	ND		4000	1600	ug/L			05/31/24 15:57	4000
Bromoform	ND		4000	1000	ug/L			05/31/24 15:57	4000
Bromomethane	ND		4000	2800	ug/L			05/31/24 15:57	4000
Carbon disulfide	ND		4000	760	ug/L			05/31/24 15:57	4000
Carbon tetrachloride	ND		4000	1100	ug/L			05/31/24 15:57	4000
Chlorobenzene	140000		4000	3000	ug/L			05/31/24 15:57	4000
Chloroethane	ND		4000	1300	ug/L			05/31/24 15:57	4000
Chloroform	ND		4000	1400	ug/L			05/31/24 15:57	4000
Chloromethane	ND		4000	1400	ug/L			05/31/24 15:57	4000
cis-1,2-Dichloroethene	ND		4000	3200	ug/L			05/31/24 15:57	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			05/31/24 15:57	4000
Cyclohexane	ND		4000	720	ug/L			05/31/24 15:57	4000
Dibromochloromethane	ND		4000	1300	ug/L			05/31/24 15:57	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			05/31/24 15:57	4000
Ethylbenzene	ND		4000	3000	ug/L			05/31/24 15:57	4000
Isopropylbenzene	ND		4000	3200	ug/L			05/31/24 15:57	4000
Methyl acetate	ND		10000	5200	ug/L			05/31/24 15:57	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			05/31/24 15:57	4000
Methylcyclohexane	ND		4000	640	ug/L			05/31/24 15:57	4000
Methylene Chloride	ND		4000	1800	ug/L			05/31/24 15:57	4000
Styrene	ND		4000	2900	ug/L			05/31/24 15:57	4000
Tetrachloroethene	ND	*+	4000	1400	ug/L			05/31/24 15:57	4000
Toluene	ND		4000	2000	ug/L			05/31/24 15:57	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			05/31/24 15:57	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			05/31/24 15:57	4000
Trichloroethene	ND	*+	4000	1800	ug/L			05/31/24 15:57	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			05/31/24 15:57	4000
Vinyl chloride	ND		4000	3600	ug/L			05/31/24 15:57	4000
Xylenes, Total	ND		8000	2600	ug/L			05/31/24 15:57	4000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		05/31/24 15:57	4000

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-220331-4

Date Collected: 05/30/24 10:55

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		73 - 120		05/31/24 15:57	4000
Toluene-d8 (Surr)	94		80 - 120		05/31/24 15:57	4000
Dibromofluoromethane (Surr)	100		75 - 123		05/31/24 15:57	4000

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		28	2.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
2,4,6-Trichlorophenol	ND		28	3.5	ug/L		06/06/24 09:57	06/08/24 00:25	5
2,4-Dichlorophenol	ND		28	2.9	ug/L		06/06/24 09:57	06/08/24 00:25	5
2,4-Dimethylphenol	ND		28	2.8	ug/L		06/06/24 09:57	06/08/24 00:25	5
2,4-Dinitrophenol	ND		57	13	ug/L		06/06/24 09:57	06/08/24 00:25	5
2,4-Dinitrotoluene	ND		28	2.5	ug/L		06/06/24 09:57	06/08/24 00:25	5
2,6-Dinitrotoluene	ND		28	2.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
2-Chloronaphthalene	ND		28	2.6	ug/L		06/06/24 09:57	06/08/24 00:25	5
2-Chlorophenol	83		28	3.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
2-Methylnaphthalene	ND		28	3.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
2-Methylphenol	ND		28	2.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
2-Nitroaniline	ND		57	2.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
2-Nitrophenol	ND		28	2.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
3,3'-Dichlorobenzidine	ND		28	2.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
3-Nitroaniline	ND		57	2.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
4,6-Dinitro-2-methylphenol	ND		57	13	ug/L		06/06/24 09:57	06/08/24 00:25	5
4-Bromophenyl phenyl ether	ND		28	2.6	ug/L		06/06/24 09:57	06/08/24 00:25	5
4-Chloro-3-methylphenol	ND		28	2.6	ug/L		06/06/24 09:57	06/08/24 00:25	5
4-Chloroaniline	ND		28	3.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
4-Chlorophenyl phenyl ether	ND		28	2.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
4-Methylphenol	ND		57	2.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
4-Nitroaniline	ND		57	1.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
4-Nitrophenol	ND		57	8.6	ug/L		06/06/24 09:57	06/08/24 00:25	5
Acenaphthene	ND		28	2.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
Acenaphthylene	ND		28	2.2	ug/L		06/06/24 09:57	06/08/24 00:25	5
Acetophenone	ND		28	3.1	ug/L		06/06/24 09:57	06/08/24 00:25	5
Aniline	ND		57	3.5	ug/L		06/06/24 09:57	06/08/24 00:25	5
Anthracene	ND		28	1.6	ug/L		06/06/24 09:57	06/08/24 00:25	5
Atrazine	ND		28	2.6	ug/L		06/06/24 09:57	06/08/24 00:25	5
Benzaldehyde	ND		28	1.5	ug/L		06/06/24 09:57	06/08/24 00:25	5
Benzo(a)anthracene	ND		28	2.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
Benzo(a)pyrene	ND		28	2.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
Benzo(b)fluoranthene	ND		28	1.9	ug/L		06/06/24 09:57	06/08/24 00:25	5
Benzo(g,h,i)perylene	ND		28	2.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
Benzo(k)fluoranthene	ND		28	4.1	ug/L		06/06/24 09:57	06/08/24 00:25	5
Biphenyl	ND		28	3.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
bis (2-chloroisopropyl) ether	ND		28	3.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
Bis(2-chloroethoxy)methane	ND		28	2.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
Bis(2-chloroethyl)ether	ND		28	2.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
Bis(2-ethylhexyl) phthalate	ND		28	13	ug/L		06/06/24 09:57	06/08/24 00:25	5
Butyl benzyl phthalate	ND		28	5.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
Caprolactam	ND		28	13	ug/L		06/06/24 09:57	06/08/24 00:25	5
Carbazole	ND		28	1.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
Chrysene	ND		28	1.9	ug/L		06/06/24 09:57	06/08/24 00:25	5

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-220331-4

Date Collected: 05/30/24 10:55

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		28	2.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
Dibenzofuran	ND		57	2.9	ug/L		06/06/24 09:57	06/08/24 00:25	5
Diethyl phthalate	ND		28	1.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
Dimethyl phthalate	ND		28	2.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
Di-n-butyl phthalate	ND		28	1.8	ug/L		06/06/24 09:57	06/08/24 00:25	5
Di-n-octyl phthalate	ND		28	2.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
Fluoranthene	ND		28	2.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
Fluorene	ND		28	2.0	ug/L		06/06/24 09:57	06/08/24 00:25	5
Hexachlorobenzene	ND		28	2.9	ug/L		06/06/24 09:57	06/08/24 00:25	5
Hexachlorobutadiene	ND		28	3.9	ug/L		06/06/24 09:57	06/08/24 00:25	5
Hexachlorocyclopentadiene	ND		28	3.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
Hexachloroethane	ND		28	3.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
Indeno(1,2,3-cd)pyrene	ND		28	2.7	ug/L		06/06/24 09:57	06/08/24 00:25	5
Isophorone	ND		28	2.4	ug/L		06/06/24 09:57	06/08/24 00:25	5
Naphthalene	ND		28	4.3	ug/L		06/06/24 09:57	06/08/24 00:25	5
Nitrobenzene	ND		28	1.6	ug/L		06/06/24 09:57	06/08/24 00:25	5
N-Nitrosodi-n-propylamine	ND		28	3.1	ug/L		06/06/24 09:57	06/08/24 00:25	5
N-Nitrosodiphenylamine	ND		28	2.9	ug/L		06/06/24 09:57	06/08/24 00:25	5
Pentachlorophenol	ND		57	13	ug/L		06/06/24 09:57	06/08/24 00:25	5
Phenanthrene	ND		28	2.5	ug/L		06/06/24 09:57	06/08/24 00:25	5
Phenol	ND		28	2.2	ug/L		06/06/24 09:57	06/08/24 00:25	5
Pyrene	ND		28	1.9	ug/L		06/06/24 09:57	06/08/24 00:25	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		25 - 144	06/06/24 09:57	06/08/24 00:25	5
2-Fluorobiphenyl	71		53 - 126	06/06/24 09:57	06/08/24 00:25	5
2-Fluorophenol	53		24 - 120	06/06/24 09:57	06/08/24 00:25	5
Nitrobenzene-d5	65		29 - 129	06/06/24 09:57	06/08/24 00:25	5
Phenol-d5	43		10 - 120	06/06/24 09:57	06/08/24 00:25	5
p-Terphenyl-d14	61		33 - 132	06/06/24 09:57	06/08/24 00:25	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/04/24 09:06	06/04/24 15:22	1
Antimony	ND		0.020	0.0068	mg/L		06/04/24 09:06	06/04/24 15:22	1
Arsenic	0.011	J	0.015	0.0056	mg/L		06/04/24 09:06	06/04/24 15:22	1
Barium	0.019		0.0020	0.00070	mg/L		06/04/24 09:06	06/04/24 15:22	1
Beryllium	ND		0.0020	0.00030	mg/L		06/04/24 09:06	06/04/24 15:22	1
Cadmium	ND		0.0020	0.00050	mg/L		06/04/24 09:06	06/04/24 15:22	1
Calcium	371		0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:22	1
Chromium	ND		0.0040	0.0010	mg/L		06/04/24 09:06	06/04/24 15:22	1
Cobalt	0.0017	J	0.0040	0.00063	mg/L		06/04/24 09:06	06/04/24 15:22	1
Copper	ND		0.010	0.0016	mg/L		06/04/24 09:06	06/04/24 15:22	1
Iron	3.4		0.050	0.019	mg/L		06/04/24 09:06	06/04/24 15:22	1
Lead	ND		0.010	0.0030	mg/L		06/04/24 09:06	06/04/24 15:22	1
Magnesium	113		0.20	0.043	mg/L		06/04/24 09:06	06/04/24 15:22	1
Manganese	0.77		0.0030	0.00040	mg/L		06/04/24 09:06	06/04/24 15:22	1
Nickel	0.0049	J	0.010	0.0013	mg/L		06/04/24 09:06	06/04/24 15:22	1
Potassium	2.5	B	0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:22	1
Selenium	ND		0.025	0.0087	mg/L		06/04/24 09:06	06/04/24 15:22	1
Silver	ND		0.0060	0.0017	mg/L		06/04/24 09:06	06/04/24 15:22	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-220331-4

Date Collected: 05/30/24 10:55

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	158		1.0	0.32	mg/L		06/04/24 09:06	06/04/24 15:22	1
Thallium	ND		0.020	0.010	mg/L		06/04/24 09:06	06/04/24 15:22	1
Vanadium	ND		0.0050	0.0015	mg/L		06/04/24 09:06	06/04/24 15:22	1
Zinc	0.0029	J	0.010	0.0015	mg/L		06/04/24 09:06	06/04/24 15:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		06/03/24 09:17	06/03/24 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (ASTM D516-90, 02)	765		250	75.0	mg/L			06/04/24 11:41	50
Total Organic Carbon (SM 5310D)	5.9		1.0	0.43	mg/L			06/06/24 03:52	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-220331-5

Date Collected: 05/30/24 09:20

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*+ F1	1.0	0.82	ug/L			05/31/24 16:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/31/24 16:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/31/24 16:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/31/24 16:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/31/24 16:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/31/24 16:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/31/24 16:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/31/24 16:19	1
1,2-Dibromoethane	ND	F1 F2	1.0	0.73	ug/L			05/31/24 16:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/31/24 16:19	1
1,2-Dichloroethane	ND	*+ F1	1.0	0.21	ug/L			05/31/24 16:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/31/24 16:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/31/24 16:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/31/24 16:19	1
2-Butanone (MEK)	ND	F2	10	1.3	ug/L			05/31/24 16:19	1
2-Hexanone	ND	F2	5.0	1.2	ug/L			05/31/24 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/31/24 16:19	1
Acetone	ND	F2	10	3.0	ug/L			05/31/24 16:19	1
Benzene	ND		1.0	0.41	ug/L			05/31/24 16:19	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			05/31/24 16:19	1
Bromoform	ND		1.0	0.26	ug/L			05/31/24 16:19	1
Bromomethane	ND		1.0	0.69	ug/L			05/31/24 16:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/31/24 16:19	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			05/31/24 16:19	1
Chlorobenzene	ND	F1	1.0	0.75	ug/L			05/31/24 16:19	1
Chloroethane	ND		1.0	0.32	ug/L			05/31/24 16:19	1
Chloroform	ND		1.0	0.34	ug/L			05/31/24 16:19	1
Chloromethane	ND		1.0	0.35	ug/L			05/31/24 16:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/31/24 16:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/31/24 16:19	1
Cyclohexane	ND		1.0	0.18	ug/L			05/31/24 16:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/31/24 16:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/31/24 16:19	1
Ethylbenzene	ND	F1	1.0	0.74	ug/L			05/31/24 16:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/31/24 16:19	1
Methyl acetate	ND	F1	2.5	1.3	ug/L			05/31/24 16:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/31/24 16:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/31/24 16:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/31/24 16:19	1
Styrene	ND		1.0	0.73	ug/L			05/31/24 16:19	1
Tetrachloroethene	ND	*+ F1	1.0	0.36	ug/L			05/31/24 16:19	1
Toluene	ND		1.0	0.51	ug/L			05/31/24 16:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/31/24 16:19	1
trans-1,3-Dichloropropene	ND	F1	1.0	0.37	ug/L			05/31/24 16:19	1
Trichloroethene	ND	*+ F1	1.0	0.46	ug/L			05/31/24 16:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/31/24 16:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/31/24 16:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/31/24 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		05/31/24 16:19	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-220331-5

Date Collected: 05/30/24 09:20

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		73 - 120		05/31/24 16:19	1
Toluene-d8 (Surr)	91		80 - 120		05/31/24 16:19	1
Dibromofluoromethane (Surr)	105		75 - 123		05/31/24 16:19	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/06/24 09:57	06/07/24 17:55	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/06/24 09:57	06/07/24 17:55	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 17:55	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/06/24 09:57	06/07/24 17:55	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 17:55	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 17:55	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 17:55	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/06/24 09:57	06/07/24 17:55	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/06/24 09:57	06/07/24 17:55	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/06/24 09:57	06/07/24 17:55	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 17:55	1
2-Nitroaniline	ND		10	0.42	ug/L		06/06/24 09:57	06/07/24 17:55	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/06/24 09:57	06/07/24 17:55	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 17:55	1
3-Nitroaniline	ND		10	0.48	ug/L		06/06/24 09:57	06/07/24 17:55	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 17:55	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 17:55	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 17:55	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 17:55	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 17:55	1
4-Methylphenol	ND		10	0.36	ug/L		06/06/24 09:57	06/07/24 17:55	1
4-Nitroaniline	ND		10	0.25	ug/L		06/06/24 09:57	06/07/24 17:55	1
4-Nitrophenol	ND		10	1.5	ug/L		06/06/24 09:57	06/07/24 17:55	1
Acenaphthene	ND		5.0	0.41	ug/L		06/06/24 09:57	06/07/24 17:55	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/06/24 09:57	06/07/24 17:55	1
Acetophenone	ND		5.0	0.54	ug/L		06/06/24 09:57	06/07/24 17:55	1
Aniline	ND		10	0.61	ug/L		06/06/24 09:57	06/07/24 17:55	1
Anthracene	ND		5.0	0.28	ug/L		06/06/24 09:57	06/07/24 17:55	1
Atrazine	ND		5.0	0.46	ug/L		06/06/24 09:57	06/07/24 17:55	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/06/24 09:57	06/07/24 17:55	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 17:55	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 17:55	1
Benzo(b)fluoranthene	ND	F2	5.0	0.34	ug/L		06/06/24 09:57	06/07/24 17:55	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 17:55	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/06/24 09:57	06/07/24 17:55	1
Biphenyl	ND		5.0	0.65	ug/L		06/06/24 09:57	06/07/24 17:55	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/06/24 09:57	06/07/24 17:55	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 17:55	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 17:55	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/06/24 09:57	06/07/24 17:55	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/06/24 09:57	06/07/24 17:55	1
Caprolactam	ND		5.0	2.2	ug/L		06/06/24 09:57	06/07/24 17:55	1
Carbazole	ND		5.0	0.30	ug/L		06/06/24 09:57	06/07/24 17:55	1
Chrysene	ND		5.0	0.33	ug/L		06/06/24 09:57	06/07/24 17:55	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-220331-5

Date Collected: 05/30/24 09:20

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/06/24 09:57	06/07/24 17:55	1
Dibenzofuran	ND		10	0.51	ug/L		06/06/24 09:57	06/07/24 17:55	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/06/24 09:57	06/07/24 17:55	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 17:55	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/06/24 09:57	06/07/24 17:55	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 17:55	1
Fluoranthene	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 17:55	1
Fluorene	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 17:55	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 17:55	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/06/24 09:57	06/07/24 17:55	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 17:55	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 17:55	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 17:55	1
Isophorone	ND		5.0	0.43	ug/L		06/06/24 09:57	06/07/24 17:55	1
Naphthalene	ND		5.0	0.76	ug/L		06/06/24 09:57	06/07/24 17:55	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/06/24 09:57	06/07/24 17:55	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/06/24 09:57	06/07/24 17:55	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 17:55	1
Pentachlorophenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 17:55	1
Phenanthrene	ND		5.0	0.44	ug/L		06/06/24 09:57	06/07/24 17:55	1
Phenol	ND		5.0	0.39	ug/L		06/06/24 09:57	06/07/24 17:55	1
Pyrene	ND		5.0	0.34	ug/L		06/06/24 09:57	06/07/24 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	60		25 - 144	06/06/24 09:57	06/07/24 17:55	1
2-Fluorobiphenyl	63		53 - 126	06/06/24 09:57	06/07/24 17:55	1
2-Fluorophenol	47		24 - 120	06/06/24 09:57	06/07/24 17:55	1
Nitrobenzene-d5	59		29 - 129	06/06/24 09:57	06/07/24 17:55	1
Phenol-d5	35		10 - 120	06/06/24 09:57	06/07/24 17:55	1
p-Terphenyl-d14	58		33 - 132	06/06/24 09:57	06/07/24 17:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/04/24 09:06	06/04/24 15:24	1
Antimony	ND		0.020	0.0068	mg/L		06/04/24 09:06	06/04/24 15:24	1
Arsenic	ND		0.015	0.0056	mg/L		06/04/24 09:06	06/04/24 15:24	1
Barium	0.042		0.0020	0.00070	mg/L		06/04/24 09:06	06/04/24 15:24	1
Beryllium	ND		0.0020	0.00030	mg/L		06/04/24 09:06	06/04/24 15:24	1
Cadmium	ND		0.0020	0.00050	mg/L		06/04/24 09:06	06/04/24 15:24	1
Calcium	85.5		0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:24	1
Chromium	ND		0.0040	0.0010	mg/L		06/04/24 09:06	06/04/24 15:24	1
Cobalt	ND		0.0040	0.00063	mg/L		06/04/24 09:06	06/04/24 15:24	1
Copper	0.0033	J	0.010	0.0016	mg/L		06/04/24 09:06	06/04/24 15:24	1
Iron	0.036	J	0.050	0.019	mg/L		06/04/24 09:06	06/04/24 15:24	1
Lead	ND		0.010	0.0030	mg/L		06/04/24 09:06	06/04/24 15:24	1
Magnesium	15.0		0.20	0.043	mg/L		06/04/24 09:06	06/04/24 15:24	1
Manganese	0.025		0.0030	0.00040	mg/L		06/04/24 09:06	06/04/24 15:24	1
Nickel	0.0090	J	0.010	0.0013	mg/L		06/04/24 09:06	06/04/24 15:24	1
Potassium	0.80	B	0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:24	1
Selenium	ND		0.025	0.0087	mg/L		06/04/24 09:06	06/04/24 15:24	1
Silver	ND		0.0060	0.0017	mg/L		06/04/24 09:06	06/04/24 15:24	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-220331-5

Date Collected: 05/30/24 09:20

Matrix: Ground Water

Date Received: 05/30/24 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	68.1		1.0	0.32	mg/L		06/04/24 09:06	06/04/24 15:24	1
Thallium	ND		0.020	0.010	mg/L		06/04/24 09:06	06/04/24 15:24	1
Vanadium	0.0015	J	0.0050	0.0015	mg/L		06/04/24 09:06	06/04/24 15:24	1
Zinc	0.0031	J	0.010	0.0015	mg/L		06/04/24 09:06	06/04/24 15:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		06/03/24 09:17	06/03/24 12:19	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-220331-6

Date Collected: 05/30/24 09:20

Matrix: Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*+	1.0	0.82	ug/L			05/31/24 16:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/31/24 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/31/24 16:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/31/24 16:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/31/24 16:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/31/24 16:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/31/24 16:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/31/24 16:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/31/24 16:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/31/24 16:42	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			05/31/24 16:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/31/24 16:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/31/24 16:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/31/24 16:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/31/24 16:42	1
2-Hexanone	ND		5.0	1.2	ug/L			05/31/24 16:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/31/24 16:42	1
Acetone	ND		10	3.0	ug/L			05/31/24 16:42	1
Benzene	ND		1.0	0.41	ug/L			05/31/24 16:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/31/24 16:42	1
Bromoform	ND		1.0	0.26	ug/L			05/31/24 16:42	1
Bromomethane	ND		1.0	0.69	ug/L			05/31/24 16:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/31/24 16:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/31/24 16:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/31/24 16:42	1
Chloroethane	ND		1.0	0.32	ug/L			05/31/24 16:42	1
Chloroform	ND		1.0	0.34	ug/L			05/31/24 16:42	1
Chloromethane	ND		1.0	0.35	ug/L			05/31/24 16:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/31/24 16:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/31/24 16:42	1
Cyclohexane	ND		1.0	0.18	ug/L			05/31/24 16:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/31/24 16:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/31/24 16:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/31/24 16:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/31/24 16:42	1
Methyl acetate	ND		2.5	1.3	ug/L			05/31/24 16:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/31/24 16:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/31/24 16:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/31/24 16:42	1
Styrene	ND		1.0	0.73	ug/L			05/31/24 16:42	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			05/31/24 16:42	1
Toluene	ND		1.0	0.51	ug/L			05/31/24 16:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/31/24 16:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/31/24 16:42	1
Trichloroethene	ND	*+	1.0	0.46	ug/L			05/31/24 16:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/31/24 16:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/31/24 16:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/31/24 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		05/31/24 16:42	1

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-220331-6

Date Collected: 05/30/24 09:20

Matrix: Water

Date Received: 05/30/24 15:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	106		73 - 120		05/31/24 16:42	1
Toluene-d8 (Surr)	93		80 - 120		05/31/24 16:42	1
Dibromofluoromethane (Surr)	96		75 - 123		05/31/24 16:42	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-220331-1	BCC Area E RFI-33 D	100	106	88	98
480-220331-2	BCC Area E MW-E05	103	103	93	102
480-220331-3	BCC Area E RFI-29	104	105	92	98
480-220331-4	BCC Area E RFI-32A	106	103	94	100
480-220331-5	BCC Area E RFI-33	109	104	91	105
480-220331-5 MS	BCC Area E RFI-33 MS	107	105	97	101
480-220331-5 MSD	BCC Area E RFI-33 MSD	103	107	96	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-220331-6	TRIP BLANK	104	106	93	96
LCS 480-713986/6	Lab Control Sample	104	101	93	95
LCS 480-714158/6	Lab Control Sample	100	105	90	99
LCSD 480-714158/20	Lab Control Sample Dup	100	111	92	98
MB 480-713986/8	Method Blank	103	105	93	99
MB 480-714158/8	Method Blank	98	109	92	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (25-144)	FBP (53-126)	2FP (24-120)	NBZ (29-129)	PHL (10-120)	TPHd14 (33-132)
480-220331-1	BCC Area E RFI-33 D	69	81	57	72	45	65
480-220331-2	BCC Area E MW-E05	81	76	57	69	43	75
480-220331-3	BCC Area E RFI-29	87	77	58	71	44	80
480-220331-4	BCC Area E RFI-32A	73	71	53	65	43	61
480-220331-5	BCC Area E RFI-33	60	63	47	59	35	58
480-220331-5 MS	BCC Area E RFI-33 MS	75	71	51	68	42	61
480-220331-5 MSD	BCC Area E RFI-33 MSD	82	77	60	79	48	66

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
TPHd14 = p-Terphenyl-d14

Job ID: 480-220331-1

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (25-144)	FBP (53-126)	2FP (24-120)	NBZ (29-129)	PHL (10-120)	TPHd14 (33-132)
LCS 480-714661/2-A	Lab Control Sample	82	71	54	71	44	86
MB 480-714661/1-A	Method Blank	80	81	58	73	45	92

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14

QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: MB 480-713986/8

Matrix: Water

Analysis Batch: 713986

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/31/24 12:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/31/24 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/31/24 12:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/31/24 12:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/31/24 12:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/31/24 12:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/31/24 12:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/31/24 12:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/31/24 12:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/31/24 12:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/31/24 12:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/31/24 12:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/31/24 12:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/31/24 12:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/31/24 12:22	1
2-Hexanone	ND		5.0	1.2	ug/L			05/31/24 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/31/24 12:22	1
Acetone	ND		10	3.0	ug/L			05/31/24 12:22	1
Benzene	ND		1.0	0.41	ug/L			05/31/24 12:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/31/24 12:22	1
Bromoform	ND		1.0	0.26	ug/L			05/31/24 12:22	1
Bromomethane	ND		1.0	0.69	ug/L			05/31/24 12:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/31/24 12:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/31/24 12:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/31/24 12:22	1
Chloroethane	ND		1.0	0.32	ug/L			05/31/24 12:22	1
Chloroform	ND		1.0	0.34	ug/L			05/31/24 12:22	1
Chloromethane	ND		1.0	0.35	ug/L			05/31/24 12:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/31/24 12:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/31/24 12:22	1
Cyclohexane	ND		1.0	0.18	ug/L			05/31/24 12:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/31/24 12:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/31/24 12:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/31/24 12:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/31/24 12:22	1
Methyl acetate	ND		2.5	1.3	ug/L			05/31/24 12:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/31/24 12:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/31/24 12:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/31/24 12:22	1
Styrene	ND		1.0	0.73	ug/L			05/31/24 12:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/31/24 12:22	1
Toluene	ND		1.0	0.51	ug/L			05/31/24 12:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/31/24 12:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/31/24 12:22	1
Trichloroethene	ND		1.0	0.46	ug/L			05/31/24 12:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/31/24 12:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/31/24 12:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/31/24 12:22	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: MB 480-713986/8

Matrix: Water

Analysis Batch: 713986

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		77 - 120		05/31/24 12:22	1
4-Bromofluorobenzene (Surr)	105		73 - 120		05/31/24 12:22	1
Toluene-d8 (Surr)	93		80 - 120		05/31/24 12:22	1
Dibromofluoromethane (Surr)	99		75 - 123		05/31/24 12:22	1

Lab Sample ID: LCS 480-713986/6

Matrix: Water

Analysis Batch: 713986

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	32.7	*+	ug/L		131	73 - 126
1,1,1,2-Tetrachloroethane	25.0	22.1		ug/L		88	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	30.2		ug/L		121	61 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	27.0		ug/L		108	77 - 120
1,1-Dichloroethene	25.0	27.3		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	28.0		ug/L		112	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.6		ug/L		106	56 - 134
1,2-Dibromoethane	25.0	26.0		ug/L		104	77 - 120
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	80 - 124
1,2-Dichloroethane	25.0	32.1	*+	ug/L		129	75 - 120
1,2-Dichloropropane	25.0	26.9		ug/L		107	76 - 120
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	26.5		ug/L		106	80 - 120
2-Butanone (MEK)	125	122		ug/L		98	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	26.0		ug/L		104	71 - 124
Bromodichloromethane	25.0	29.8		ug/L		119	80 - 122
Bromoform	25.0	23.6		ug/L		94	61 - 132
Bromomethane	25.0	22.6		ug/L		90	55 - 144
Carbon disulfide	25.0	26.7		ug/L		107	59 - 134
Carbon tetrachloride	25.0	32.6		ug/L		130	72 - 134
Chlorobenzene	25.0	28.4		ug/L		114	80 - 120
Chloroethane	25.0	20.9		ug/L		83	69 - 136
Chloroform	25.0	27.6		ug/L		110	73 - 127
Chloromethane	25.0	22.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	29.2		ug/L		117	74 - 124
Cyclohexane	25.0	26.6		ug/L		106	59 - 135
Dibromochloromethane	25.0	29.0		ug/L		116	75 - 125
Dichlorodifluoromethane	25.0	28.7		ug/L		115	59 - 135
Ethylbenzene	25.0	28.3		ug/L		113	77 - 123
Isopropylbenzene	25.0	29.3		ug/L		117	77 - 122
Methyl acetate	50.0	46.1		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	25.1		ug/L		101	77 - 120
Methylcyclohexane	25.0	27.1		ug/L		108	68 - 134
Methylene Chloride	25.0	24.7		ug/L		99	75 - 124

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: LCS 480-713986/6

Matrix: Water

Analysis Batch: 713986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	25.0	30.7	*+	ug/L		123	74 - 122
Toluene	25.0	27.3		ug/L		109	80 - 122
trans-1,2-Dichloroethene	25.0	25.8		ug/L		103	73 - 127
trans-1,3-Dichloropropene	25.0	30.0		ug/L		120	80 - 120
Trichloroethene	25.0	31.4	*+	ug/L		125	74 - 123
Trichlorofluoromethane	25.0	31.0		ug/L		124	62 - 150
Vinyl chloride	25.0	22.8		ug/L		91	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		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	95		75 - 123

Lab Sample ID: 480-220331-5 MS

Matrix: Ground Water

Analysis Batch: 713986

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	*+ F1	25.0	36.9	F1	ug/L		148	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	24.4		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	32.5		ug/L		130	61 - 148
1,1,2-Trichloroethane	ND		25.0	26.6		ug/L		106	76 - 122
1,1-Dichloroethane	ND		25.0	29.5		ug/L		118	77 - 120
1,1-Dichloroethene	ND		25.0	30.9		ug/L		124	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	27.9		ug/L		112	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	28.0		ug/L		112	56 - 134
1,2-Dibromoethane	ND	F1 F2	25.0	30.5	F1	ug/L		122	77 - 120
1,2-Dichlorobenzene	ND		25.0	27.8		ug/L		111	80 - 124
1,2-Dichloroethane	ND	*+ F1	25.0	35.8	F1	ug/L		143	75 - 120
1,2-Dichloropropane	ND		25.0	28.1		ug/L		112	76 - 120
1,3-Dichlorobenzene	ND		25.0	28.1		ug/L		113	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.7		ug/L		111	78 - 124
2-Butanone (MEK)	ND	F2	125	133		ug/L		106	57 - 140
2-Hexanone	ND	F2	125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	122		ug/L		97	71 - 125
Acetone	ND	F2	125	113		ug/L		91	56 - 142
Benzene	ND		25.0	28.1		ug/L		112	71 - 124
Bromodichloromethane	ND	F1	25.0	31.9	F1	ug/L		128	80 - 122
Bromoform	ND		25.0	26.0		ug/L		104	61 - 132
Bromomethane	ND		25.0	22.9		ug/L		92	55 - 144
Carbon disulfide	ND		25.0	27.5		ug/L		110	59 - 134
Carbon tetrachloride	ND	F1	25.0	35.7	F1	ug/L		143	72 - 134
Chlorobenzene	ND	F1	25.0	31.0	F1	ug/L		124	80 - 120
Chloroethane	ND		25.0	21.5		ug/L		86	69 - 136
Chloroform	ND		25.0	29.4		ug/L		117	73 - 127
Chloromethane	ND		25.0	22.0		ug/L		88	68 - 124

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: 480-220331-5 MS

Matrix: Ground Water

Analysis Batch: 713986

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	ND		25.0	27.4		ug/L		110	74 - 124
cis-1,3-Dichloropropene	ND		25.0	29.4		ug/L		118	74 - 124
Cyclohexane	ND		25.0	27.9		ug/L		112	59 - 135
Dibromochloromethane	ND		25.0	30.0		ug/L		120	75 - 125
Dichlorodifluoromethane	ND		25.0	27.9		ug/L		111	59 - 135
Ethylbenzene	ND	F1	25.0	31.3	F1	ug/L		125	77 - 123
Isopropylbenzene	ND		25.0	30.4		ug/L		122	77 - 122
Methyl acetate	ND	F1	50.0	44.3		ug/L		89	74 - 133
Methyl tert-butyl ether	ND		25.0	26.5		ug/L		106	77 - 120
Methylcyclohexane	ND		25.0	28.1		ug/L		112	68 - 134
Methylene Chloride	ND		25.0	26.2		ug/L		105	75 - 124
Styrene	ND		25.0	28.7		ug/L		115	80 - 120
Tetrachloroethene	ND	*+ F1	25.0	32.0	F1	ug/L		128	74 - 122
Toluene	ND		25.0	29.3		ug/L		117	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.5		ug/L		114	73 - 127
trans-1,3-Dichloropropene	ND	F1	25.0	31.1	F1	ug/L		124	80 - 120
Trichloroethene	ND	*+ F1	25.0	32.0	F1	ug/L		128	74 - 123
Trichlorofluoromethane	ND		25.0	29.0		ug/L		116	62 - 150
Vinyl chloride	ND		25.0	22.4		ug/L		89	65 - 133
Xylenes, Total	ND		50.0	56.4		ug/L		113	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: 480-220331-5 MSD

Matrix: Ground Water

Analysis Batch: 713986

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	*+ F1	25.0	33.3	F1	ug/L		133	73 - 126	10	15
1,1,2,2-Tetrachloroethane	ND		25.0	23.1		ug/L		92	76 - 120	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.0		ug/L		116	61 - 148	11	20
1,1,2-Trichloroethane	ND		25.0	24.5		ug/L		98	76 - 122	8	15
1,1-Dichloroethane	ND		25.0	26.8		ug/L		107	77 - 120	10	20
1,1-Dichloroethene	ND		25.0	27.8		ug/L		111	66 - 127	11	16
1,2,4-Trichlorobenzene	ND		25.0	25.5		ug/L		102	79 - 122	9	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.6		ug/L		103	56 - 134	9	15
1,2-Dibromoethane	ND	F1 F2	25.0	25.2	F2	ug/L		101	77 - 120	19	15
1,2-Dichlorobenzene	ND		25.0	26.9		ug/L		107	80 - 124	3	20
1,2-Dichloroethane	ND	*+ F1	25.0	30.9	F1	ug/L		124	75 - 120	15	20
1,2-Dichloropropane	ND		25.0	24.9		ug/L		100	76 - 120	12	20
1,3-Dichlorobenzene	ND		25.0	27.3		ug/L		109	77 - 120	3	20
1,4-Dichlorobenzene	ND		25.0	26.2		ug/L		105	78 - 124	6	20
2-Butanone (MEK)	ND	F2	125	107	F2	ug/L		85	57 - 140	22	20
2-Hexanone	ND	F2	125	114	F2	ug/L		91	65 - 127	20	15
4-Methyl-2-pentanone (MIBK)	ND		125	110		ug/L		88	71 - 125	10	35

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: 480-220331-5 MSD

Matrix: Ground Water

Analysis Batch: 713986

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F2	125	95.8	F2	ug/L		77	56 - 142	17	15
Benzene	ND		25.0	24.9		ug/L		100	71 - 124	12	13
Bromodichloromethane	ND	F1	25.0	27.6		ug/L		111	80 - 122	14	15
Bromoform	ND		25.0	23.8		ug/L		95	61 - 132	9	15
Bromomethane	ND		25.0	22.2		ug/L		89	55 - 144	3	15
Carbon disulfide	ND		25.0	25.4		ug/L		102	59 - 134	8	15
Carbon tetrachloride	ND	F1	25.0	32.4		ug/L		130	72 - 134	10	15
Chlorobenzene	ND	F1	25.0	28.2		ug/L		113	80 - 120	10	25
Chloroethane	ND		25.0	21.4		ug/L		86	69 - 136	1	15
Chloroform	ND		25.0	26.8		ug/L		107	73 - 127	9	20
Chloromethane	ND		25.0	23.4		ug/L		93	68 - 124	6	15
cis-1,2-Dichloroethene	ND		25.0	25.3		ug/L		101	74 - 124	8	15
cis-1,3-Dichloropropene	ND		25.0	26.1		ug/L		104	74 - 124	12	15
Cyclohexane	ND		25.0	25.8		ug/L		103	59 - 135	8	20
Dibromochloromethane	ND		25.0	28.2		ug/L		113	75 - 125	6	15
Dichlorodifluoromethane	ND		25.0	28.6		ug/L		115	59 - 135	3	20
Ethylbenzene	ND	F1	25.0	28.6		ug/L		114	77 - 123	9	15
Isopropylbenzene	ND		25.0	30.1		ug/L		120	77 - 122	1	20
Methyl acetate	ND	F1	50.0	36.5	F1	ug/L		73	74 - 133	19	20
Methyl tert-butyl ether	ND		25.0	24.2		ug/L		97	77 - 120	9	37
Methylcyclohexane	ND		25.0	25.9		ug/L		104	68 - 134	8	20
Methylene Chloride	ND		25.0	24.0		ug/L		96	75 - 124	9	15
Styrene	ND		25.0	25.2		ug/L		101	80 - 120	13	20
Tetrachloroethene	ND	*+ F1	25.0	30.4		ug/L		122	74 - 122	5	20
Toluene	ND		25.0	26.2		ug/L		105	80 - 122	11	15
trans-1,2-Dichloroethene	ND		25.0	25.6		ug/L		102	73 - 127	11	20
trans-1,3-Dichloropropene	ND	F1	25.0	27.0		ug/L		108	80 - 120	14	15
Trichloroethene	ND	*+ F1	25.0	29.4		ug/L		118	74 - 123	8	16
Trichlorofluoromethane	ND		25.0	31.7		ug/L		127	62 - 150	9	20
Vinyl chloride	ND		25.0	23.9		ug/L		96	65 - 133	7	15
Xylenes, Total	ND		50.0	50.4		ug/L		101	76 - 122	11	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: MB 480-714158/8

Matrix: Water

Analysis Batch: 714158

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/03/24 13:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/03/24 13:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/03/24 13:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/03/24 13:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/03/24 13:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/03/24 13:10	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: MB 480-714158/8

Matrix: Water

Analysis Batch: 714158

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/03/24 13:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/03/24 13:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/03/24 13:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/03/24 13:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/03/24 13:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/03/24 13:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/03/24 13:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/03/24 13:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/24 13:10	1
2-Hexanone	ND		5.0	1.2	ug/L			06/03/24 13:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/03/24 13:10	1
Acetone	ND		10	3.0	ug/L			06/03/24 13:10	1
Benzene	ND		1.0	0.41	ug/L			06/03/24 13:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/03/24 13:10	1
Bromoform	ND		1.0	0.26	ug/L			06/03/24 13:10	1
Bromomethane	ND		1.0	0.69	ug/L			06/03/24 13:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/03/24 13:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/03/24 13:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/03/24 13:10	1
Chloroethane	ND		1.0	0.32	ug/L			06/03/24 13:10	1
Chloroform	ND		1.0	0.34	ug/L			06/03/24 13:10	1
Chloromethane	ND		1.0	0.35	ug/L			06/03/24 13:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/03/24 13:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/03/24 13:10	1
Cyclohexane	ND		1.0	0.18	ug/L			06/03/24 13:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/03/24 13:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/03/24 13:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/03/24 13:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/03/24 13:10	1
Methyl acetate	ND		2.5	1.3	ug/L			06/03/24 13:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/03/24 13:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/03/24 13:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/03/24 13:10	1
Styrene	ND		1.0	0.73	ug/L			06/03/24 13:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/03/24 13:10	1
Toluene	ND		1.0	0.51	ug/L			06/03/24 13:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/03/24 13:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/03/24 13:10	1
Trichloroethene	ND		1.0	0.46	ug/L			06/03/24 13:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/03/24 13:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/03/24 13:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/03/24 13:10	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					06/03/24 13:10	1
4-Bromofluorobenzene (Surr)	109		73 - 120					06/03/24 13:10	1
Toluene-d8 (Surr)	92		80 - 120					06/03/24 13:10	1
Dibromofluoromethane (Surr)	98		75 - 123					06/03/24 13:10	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: LCS 480-714158/6

Matrix: Water

Analysis Batch: 714158

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	33.9	*+	ug/L		136	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	31.2		ug/L		125	61 - 148
1,1,2-Trichloroethane	25.0	22.0		ug/L		88	76 - 122
1,1-Dichloroethane	25.0	27.4		ug/L		110	77 - 120
1,1-Dichloroethene	25.0	28.4		ug/L		114	66 - 127
1,2,4-Trichlorobenzene	25.0	26.1		ug/L		104	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.4		ug/L		109	56 - 134
1,2-Dibromoethane	25.0	27.2		ug/L		109	77 - 120
1,2-Dichlorobenzene	25.0	25.9		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	32.7	*+	ug/L		131	75 - 120
1,2-Dichloropropane	25.0	25.9		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	26.4		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	26.3		ug/L		105	80 - 120
2-Butanone (MEK)	125	119		ug/L		95	57 - 140
2-Hexanone	125	135		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		97	71 - 125
Acetone	125	94.4		ug/L		75	56 - 142
Benzene	25.0	26.1		ug/L		104	71 - 124
Bromodichloromethane	25.0	30.1		ug/L		121	80 - 122
Bromoform	25.0	24.6		ug/L		98	61 - 132
Bromomethane	25.0	23.2		ug/L		93	55 - 144
Carbon disulfide	25.0	27.1		ug/L		108	59 - 134
Carbon tetrachloride	25.0	31.4		ug/L		126	72 - 134
Chlorobenzene	25.0	27.6		ug/L		111	80 - 120
Chloroethane	25.0	23.2		ug/L		93	69 - 136
Chloroform	25.0	28.4		ug/L		114	73 - 127
Chloromethane	25.0	24.3		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	30.8		ug/L		123	74 - 124
Cyclohexane	25.0	27.0		ug/L		108	59 - 135
Dibromochloromethane	25.0	28.2		ug/L		113	75 - 125
Dichlorodifluoromethane	25.0	30.7		ug/L		123	59 - 135
Ethylbenzene	25.0	27.9		ug/L		112	77 - 123
Isopropylbenzene	25.0	28.9		ug/L		115	77 - 122
Methyl acetate	50.0	41.9		ug/L		84	74 - 133
Methyl tert-butyl ether	25.0	25.1		ug/L		100	77 - 120
Methylcyclohexane	25.0	28.2		ug/L		113	68 - 134
Methylene Chloride	25.0	24.5		ug/L		98	75 - 124
Styrene	25.0	25.8		ug/L		103	80 - 120
Tetrachloroethene	25.0	30.5		ug/L		122	74 - 122
Toluene	25.0	26.9		ug/L		108	80 - 122
trans-1,2-Dichloroethene	25.0	26.9		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	28.0		ug/L		112	80 - 120
Trichloroethene	25.0	30.7		ug/L		123	74 - 123
Trichlorofluoromethane	25.0	33.8		ug/L		135	62 - 150
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133
Xylenes, Total	50.0	51.0		ug/L		102	76 - 122

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: LCS 480-714158/6

Matrix: Water

Analysis Batch: 714158

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	90		80 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Lab Sample ID: LCSD 480-714158/20

Matrix: Water

Analysis Batch: 714158

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	31.3		ug/L		125	73 - 126	8	15
1,1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.3		ug/L		117	61 - 148	6	20
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122	11	15
1,1-Dichloroethane	25.0	25.9		ug/L		103	77 - 120	6	20
1,1-Dichloroethene	25.0	26.0		ug/L		104	66 - 127	9	16
1,2,4-Trichlorobenzene	25.0	26.1		ug/L		105	79 - 122	0	20
1,2-Dibromo-3-Chloropropane	25.0	28.0		ug/L		112	56 - 134	2	15
1,2-Dibromoethane	25.0	26.7		ug/L		107	77 - 120	2	15
1,2-Dichlorobenzene	25.0	26.9		ug/L		107	80 - 124	4	20
1,2-Dichloroethane	25.0	32.5	*+	ug/L		130	75 - 120	1	20
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120	4	20
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	77 - 120	2	20
1,4-Dichlorobenzene	25.0	25.9		ug/L		103	80 - 120	2	20
2-Butanone (MEK)	125	144		ug/L		115	57 - 140	20	20
2-Hexanone	125	140		ug/L		112	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125	7	35
Acetone	125	167	*1	ug/L		134	56 - 142	56	15
Benzene	25.0	24.9		ug/L		99	71 - 124	5	13
Bromodichloromethane	25.0	28.2		ug/L		113	80 - 122	6	15
Bromoform	25.0	22.8		ug/L		91	61 - 132	7	15
Bromomethane	25.0	25.4		ug/L		101	55 - 144	9	15
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134	7	15
Carbon tetrachloride	25.0	29.4		ug/L		118	72 - 134	7	15
Chlorobenzene	25.0	28.3		ug/L		113	80 - 120	2	25
Chloroethane	25.0	21.6		ug/L		87	69 - 136	7	15
Chloroform	25.0	27.7		ug/L		111	73 - 127	2	20
Chloromethane	25.0	21.9		ug/L		88	68 - 124	10	15
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124	9	15
cis-1,3-Dichloropropene	25.0	25.7	*1	ug/L		103	74 - 124	18	15
Cyclohexane	25.0	25.2		ug/L		101	59 - 135	7	20
Dibromochloromethane	25.0	26.8		ug/L		107	75 - 125	5	15
Dichlorodifluoromethane	25.0	28.6		ug/L		114	59 - 135	7	20
Ethylbenzene	25.0	27.3		ug/L		109	77 - 123	2	15
Isopropylbenzene	25.0	27.6		ug/L		111	77 - 122	4	20
Methyl acetate	50.0	52.4	*1	ug/L		105	74 - 133	22	20
Methyl tert-butyl ether	25.0	26.9		ug/L		107	77 - 120	7	37
Methylcyclohexane	25.0	26.4		ug/L		105	68 - 134	7	20
Methylene Chloride	25.0	25.4		ug/L		102	75 - 124	4	15

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: LCSD 480-714158/20

Matrix: Water

Analysis Batch: 714158

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene	25.0	26.0		ug/L		104	80 - 120	1	20
Tetrachloroethene	25.0	27.5		ug/L		110	74 - 122	10	20
Toluene	25.0	25.5		ug/L		102	80 - 122	6	15
trans-1,2-Dichloroethene	25.0	26.6		ug/L		106	73 - 127	1	20
trans-1,3-Dichloropropene	25.0	27.4		ug/L		110	80 - 120	2	15
Trichloroethene	25.0	27.7		ug/L		111	74 - 123	10	16
Trichlorofluoromethane	25.0	32.0		ug/L		128	62 - 150	5	20
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133	0	15
Xylenes, Total	50.0	51.2		ug/L		102	76 - 122	0	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	111		73 - 120
Toluene-d8 (Surr)	92		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

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

Lab Sample ID: MB 480-714661/1-A

Matrix: Water

Analysis Batch: 714796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 714661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/06/24 09:57	06/07/24 16:03	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/06/24 09:57	06/07/24 16:03	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 16:03	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/06/24 09:57	06/07/24 16:03	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 16:03	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 16:03	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 16:03	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/06/24 09:57	06/07/24 16:03	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/06/24 09:57	06/07/24 16:03	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/06/24 09:57	06/07/24 16:03	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 16:03	1
2-Nitroaniline	ND		10	0.42	ug/L		06/06/24 09:57	06/07/24 16:03	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/06/24 09:57	06/07/24 16:03	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 16:03	1
3-Nitroaniline	ND		10	0.48	ug/L		06/06/24 09:57	06/07/24 16:03	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 16:03	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 16:03	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/06/24 09:57	06/07/24 16:03	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 16:03	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 16:03	1
4-Methylphenol	ND		10	0.36	ug/L		06/06/24 09:57	06/07/24 16:03	1
4-Nitroaniline	ND		10	0.25	ug/L		06/06/24 09:57	06/07/24 16:03	1
4-Nitrophenol	ND		10	1.5	ug/L		06/06/24 09:57	06/07/24 16:03	1
Acenaphthene	ND		5.0	0.41	ug/L		06/06/24 09:57	06/07/24 16:03	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/06/24 09:57	06/07/24 16:03	1
Acetophenone	ND		5.0	0.54	ug/L		06/06/24 09:57	06/07/24 16:03	1
Aniline	ND		10	0.61	ug/L		06/06/24 09:57	06/07/24 16:03	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: MB 480-714661/1-A

Matrix: Water

Analysis Batch: 714796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 714661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		5.0	0.28	ug/L		06/06/24 09:57	06/07/24 16:03	1
Atrazine	ND		5.0	0.46	ug/L		06/06/24 09:57	06/07/24 16:03	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/06/24 09:57	06/07/24 16:03	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 16:03	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 16:03	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		06/06/24 09:57	06/07/24 16:03	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 16:03	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		06/06/24 09:57	06/07/24 16:03	1
Biphenyl	ND		5.0	0.65	ug/L		06/06/24 09:57	06/07/24 16:03	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/06/24 09:57	06/07/24 16:03	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/06/24 09:57	06/07/24 16:03	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 16:03	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/06/24 09:57	06/07/24 16:03	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/06/24 09:57	06/07/24 16:03	1
Caprolactam	ND		5.0	2.2	ug/L		06/06/24 09:57	06/07/24 16:03	1
Carbazole	ND		5.0	0.30	ug/L		06/06/24 09:57	06/07/24 16:03	1
Chrysene	ND		5.0	0.33	ug/L		06/06/24 09:57	06/07/24 16:03	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/06/24 09:57	06/07/24 16:03	1
Dibenzofuran	ND		10	0.51	ug/L		06/06/24 09:57	06/07/24 16:03	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/06/24 09:57	06/07/24 16:03	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 16:03	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/06/24 09:57	06/07/24 16:03	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 16:03	1
Fluoranthene	ND		5.0	0.40	ug/L		06/06/24 09:57	06/07/24 16:03	1
Fluorene	ND		5.0	0.36	ug/L		06/06/24 09:57	06/07/24 16:03	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 16:03	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/06/24 09:57	06/07/24 16:03	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 16:03	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/06/24 09:57	06/07/24 16:03	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		06/06/24 09:57	06/07/24 16:03	1
Isophorone	ND		5.0	0.43	ug/L		06/06/24 09:57	06/07/24 16:03	1
Naphthalene	ND		5.0	0.76	ug/L		06/06/24 09:57	06/07/24 16:03	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/06/24 09:57	06/07/24 16:03	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/06/24 09:57	06/07/24 16:03	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/06/24 09:57	06/07/24 16:03	1
Pentachlorophenol	ND		10	2.2	ug/L		06/06/24 09:57	06/07/24 16:03	1
Phenanthrene	ND		5.0	0.44	ug/L		06/06/24 09:57	06/07/24 16:03	1
Phenol	ND		5.0	0.39	ug/L		06/06/24 09:57	06/07/24 16:03	1
Pyrene	ND		5.0	0.34	ug/L		06/06/24 09:57	06/07/24 16:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		25 - 144	06/06/24 09:57	06/07/24 16:03	1
2-Fluorobiphenyl	81		53 - 126	06/06/24 09:57	06/07/24 16:03	1
2-Fluorophenol	58		24 - 120	06/06/24 09:57	06/07/24 16:03	1
Nitrobenzene-d5	73		29 - 129	06/06/24 09:57	06/07/24 16:03	1
Phenol-d5	45		10 - 120	06/06/24 09:57	06/07/24 16:03	1
p-Terphenyl-d14	92		33 - 132	06/06/24 09:57	06/07/24 16:03	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: LCS 480-714661/2-A

Matrix: Water

Analysis Batch: 714796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 714661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	32.0	25.5		ug/L		80	65 - 126
2,4,6-Trichlorophenol	32.0	24.3		ug/L		76	64 - 120
2,4-Dichlorophenol	32.0	23.8		ug/L		74	63 - 120
2,4-Dimethylphenol	32.0	18.9		ug/L		59	47 - 120
2,4-Dinitrophenol	64.0	46.3		ug/L		72	31 - 137
2,4-Dinitrotoluene	32.0	25.9		ug/L		81	69 - 120
2,6-Dinitrotoluene	32.0	24.9		ug/L		78	68 - 120
2-Chloronaphthalene	32.0	23.5		ug/L		73	58 - 120
2-Chlorophenol	32.0	22.6		ug/L		70	48 - 120
2-Methylnaphthalene	32.0	23.7		ug/L		74	59 - 120
2-Methylphenol	32.0	21.2		ug/L		66	39 - 120
2-Nitroaniline	32.0	26.9		ug/L		84	54 - 127
2-Nitrophenol	32.0	23.4		ug/L		73	52 - 125
3,3'-Dichlorobenzidine	64.0	61.8		ug/L		97	49 - 135
3-Nitroaniline	32.0	20.6		ug/L		64	51 - 120
4,6-Dinitro-2-methylphenol	64.0	51.0		ug/L		80	46 - 136
4-Bromophenyl phenyl ether	32.0	26.6		ug/L		83	65 - 120
4-Chloro-3-methylphenol	32.0	25.9		ug/L		81	61 - 123
4-Chloroaniline	32.0	16.1		ug/L		50	30 - 120
4-Chlorophenyl phenyl ether	32.0	24.7		ug/L		77	62 - 120
4-Methylphenol	32.0	21.5		ug/L		67	29 - 131
4-Nitroaniline	32.0	22.9		ug/L		72	65 - 120
4-Nitrophenol	64.0	47.7		ug/L		75	45 - 120
Acenaphthene	32.0	23.3		ug/L		73	60 - 120
Acenaphthylene	32.0	23.7		ug/L		74	63 - 120
Acetophenone	32.0	24.0		ug/L		75	45 - 120
Aniline	32.0	13.4		ug/L		42	12 - 120
Anthracene	32.0	25.6		ug/L		80	67 - 120
Atrazine	64.0	55.6		ug/L		87	71 - 130
Benzaldehyde	64.0	45.7		ug/L		71	10 - 140
Benzo(a)anthracene	32.0	28.7		ug/L		90	70 - 121
Benzo(a)pyrene	32.0	27.1		ug/L		85	60 - 123
Benzo(b)fluoranthene	32.0	26.9		ug/L		84	66 - 126
Benzo(g,h,i)perylene	32.0	25.5		ug/L		80	66 - 150
Benzo(k)fluoranthene	32.0	27.4		ug/L		86	65 - 124
Biphenyl	32.0	23.7		ug/L		74	59 - 120
bis (2-chloroisopropyl) ether	32.0	22.4		ug/L		70	21 - 136
Bis(2-chloroethoxy)methane	32.0	22.6		ug/L		71	50 - 128
Bis(2-chloroethyl)ether	32.0	25.7		ug/L		80	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	29.3		ug/L		91	63 - 139
Butyl benzyl phthalate	32.0	29.0		ug/L		91	70 - 129
Caprolactam	64.0	19.2		ug/L		30	22 - 120
Carbazole	32.0	24.5		ug/L		77	66 - 123
Chrysene	32.0	27.3		ug/L		85	69 - 120
Dibenz(a,h)anthracene	32.0	26.5		ug/L		83	65 - 135
Dibenzofuran	32.0	24.7		ug/L		77	66 - 120
Diethyl phthalate	32.0	25.6		ug/L		80	59 - 127
Dimethyl phthalate	32.0	26.0		ug/L		81	68 - 120
Di-n-butyl phthalate	32.0	29.1		ug/L		91	69 - 131

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: LCS 480-714661/2-A

Matrix: Water

Analysis Batch: 714796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 714661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-octyl phthalate	32.0	30.2		ug/L		94	63 - 140
Fluoranthene	32.0	27.3		ug/L		85	69 - 126
Fluorene	32.0	24.5		ug/L		76	66 - 120
Hexachlorobenzene	32.0	25.8		ug/L		81	61 - 120
Hexachlorobutadiene	32.0	22.0		ug/L		69	35 - 120
Hexachlorocyclopentadiene	32.0	10.4		ug/L		32	31 - 120
Hexachloroethane	32.0	20.6		ug/L		64	33 - 120
Indeno(1,2,3-cd)pyrene	32.0	26.1		ug/L		81	69 - 146
Isophorone	32.0	24.1		ug/L		75	55 - 120
Naphthalene	32.0	23.1		ug/L		72	57 - 120
Nitrobenzene	32.0	23.1		ug/L		72	53 - 123
N-Nitrosodi-n-propylamine	32.0	23.6		ug/L		74	32 - 140
N-Nitrosodiphenylamine	32.0	24.9		ug/L		78	61 - 120
Pentachlorophenol	64.0	46.3		ug/L		72	10 - 136
Phenanthrene	32.0	24.0		ug/L		75	68 - 120
Phenol	32.0	15.6		ug/L		49	17 - 120
Pyrene	32.0	29.4		ug/L		92	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	82		25 - 144
2-Fluorobiphenyl	71		53 - 126
2-Fluorophenol	54		24 - 120
Nitrobenzene-d5	71		29 - 129
Phenol-d5	44		10 - 120
p-Terphenyl-d14	86		33 - 132

Lab Sample ID: 480-220331-5 MS

Matrix: Ground Water

Analysis Batch: 714796

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Prep Batch: 714661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	ND		32.0	25.1		ug/L		78	65 - 126
2,4,6-Trichlorophenol	ND		32.0	25.7		ug/L		80	64 - 120
2,4-Dichlorophenol	ND		32.0	23.6		ug/L		74	48 - 132
2,4-Dimethylphenol	ND		32.0	18.4		ug/L		58	39 - 130
2,4-Dinitrophenol	ND		64.0	46.7		ug/L		73	21 - 150
2,4-Dinitrotoluene	ND		32.0	25.9		ug/L		81	54 - 138
2,6-Dinitrotoluene	ND		32.0	25.4		ug/L		79	17 - 150
2-Chloronaphthalene	ND		32.0	23.5		ug/L		73	52 - 124
2-Chlorophenol	ND		32.0	21.6		ug/L		67	48 - 120
2-Methylnaphthalene	ND		32.0	22.5		ug/L		70	34 - 140
2-Methylphenol	ND		32.0	20.5		ug/L		64	46 - 120
2-Nitroaniline	ND		32.0	26.6		ug/L		83	44 - 136
2-Nitrophenol	ND		32.0	22.1		ug/L		69	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	56.4		ug/L		88	10 - 150
3-Nitroaniline	ND		32.0	18.1		ug/L		57	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	46.8		ug/L		73	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	24.1		ug/L		75	63 - 126
4-Chloro-3-methylphenol	ND		32.0	24.6		ug/L		77	64 - 127

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: 480-220331-5 MS

Matrix: Ground Water

Analysis Batch: 714796

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Prep Batch: 714661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloroaniline	ND		32.0	16.6		ug/L		52	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	25.3		ug/L		79	61 - 120
4-Methylphenol	ND		32.0	20.7		ug/L		65	36 - 120
4-Nitroaniline	ND		32.0	23.3		ug/L		73	32 - 150
4-Nitrophenol	ND		64.0	43.9		ug/L		69	23 - 132
Acenaphthene	ND		32.0	24.0		ug/L		75	48 - 120
Acenaphthylene	ND		32.0	24.2		ug/L		76	63 - 120
Acetophenone	ND		32.0	22.5		ug/L		70	53 - 120
Aniline	ND		32.0	13.7		ug/L		43	32 - 120
Anthracene	ND		32.0	23.5		ug/L		73	65 - 122
Atrazine	ND		64.0	52.1		ug/L		81	50 - 150
Benzaldehyde	ND		64.0	42.0		ug/L		66	10 - 150
Benzo(a)anthracene	ND		32.0	21.7		ug/L		68	43 - 124
Benzo(a)pyrene	ND		32.0	20.3		ug/L		63	23 - 125
Benzo(b)fluoranthene	ND	F2	32.0	19.3		ug/L		60	27 - 127
Benzo(g,h,i)perylene	ND		32.0	17.3		ug/L		54	16 - 147
Benzo(k)fluoranthene	ND		32.0	22.2		ug/L		69	20 - 124
Biphenyl	ND		32.0	23.9		ug/L		75	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	20.9		ug/L		65	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	21.9		ug/L		68	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	23.4		ug/L		73	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	21.2		ug/L		66	16 - 150
Butyl benzyl phthalate	ND		32.0	24.5		ug/L		76	51 - 140
Caprolactam	ND		64.0	17.6		ug/L		27	10 - 120
Carbazole	ND		32.0	28.9		ug/L		90	16 - 148
Chrysene	ND		32.0	21.5		ug/L		67	44 - 122
Dibenz(a,h)anthracene	ND		32.0	18.1		ug/L		57	16 - 139
Dibenzofuran	ND		32.0	24.8		ug/L		78	60 - 120
Diethyl phthalate	ND		32.0	25.7		ug/L		80	53 - 133
Dimethyl phthalate	ND		32.0	25.6		ug/L		80	59 - 123
Di-n-butyl phthalate	ND		32.0	25.3		ug/L		79	65 - 129
Di-n-octyl phthalate	ND		32.0	21.6		ug/L		68	16 - 150
Fluoranthene	ND		32.0	23.7		ug/L		74	63 - 129
Fluorene	ND		32.0	24.9		ug/L		78	62 - 120
Hexachlorobenzene	ND		32.0	23.6		ug/L		74	57 - 121
Hexachlorobutadiene	ND		32.0	20.1		ug/L		63	37 - 120
Hexachlorocyclopentadiene	ND		32.0	10.4		ug/L		32	21 - 120
Hexachloroethane	ND		32.0	18.9		ug/L		59	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	17.9		ug/L		56	16 - 140
Isophorone	ND		32.0	23.3		ug/L		73	48 - 133
Naphthalene	ND		32.0	22.1		ug/L		69	45 - 120
Nitrobenzene	ND		32.0	21.9		ug/L		69	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	22.1		ug/L		69	49 - 120
N-Nitrosodiphenylamine	ND		32.0	23.2		ug/L		73	39 - 138
Pentachlorophenol	ND		64.0	42.2		ug/L		66	10 - 149
Phenanthrene	ND		32.0	22.0		ug/L		69	65 - 122
Phenol	ND		32.0	14.5		ug/L		45	16 - 120
Pyrene	ND		32.0	25.8		ug/L		81	58 - 128

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: 480-220331-5 MS

Matrix: Ground Water

Analysis Batch: 714796

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Prep Batch: 714661

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	75		25 - 144
2-Fluorobiphenyl	71		53 - 126
2-Fluorophenol	51		24 - 120
Nitrobenzene-d5	68		29 - 129
Phenol-d5	42		10 - 120
p-Terphenyl-d14	61		33 - 132

Lab Sample ID: 480-220331-5 MSD

Matrix: Ground Water

Analysis Batch: 714796

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 714661

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	26.6		ug/L		83	65 - 126	6	18
2,4,6-Trichlorophenol	ND		32.0	26.6		ug/L		83	64 - 120	4	19
2,4-Dichlorophenol	ND		32.0	25.8		ug/L		81	48 - 132	9	19
2,4-Dimethylphenol	ND		32.0	20.3		ug/L		63	39 - 130	10	42
2,4-Dinitrophenol	ND		64.0	51.1		ug/L		80	21 - 150	9	22
2,4-Dinitrotoluene	ND		32.0	27.5		ug/L		86	54 - 138	6	20
2,6-Dinitrotoluene	ND		32.0	26.9		ug/L		84	17 - 150	6	15
2-Chloronaphthalene	ND		32.0	25.6		ug/L		80	52 - 124	9	21
2-Chlorophenol	ND		32.0	24.8		ug/L		78	48 - 120	14	25
2-Methylnaphthalene	ND		32.0	25.8		ug/L		81	34 - 140	14	21
2-Methylphenol	ND		32.0	22.8		ug/L		71	46 - 120	11	27
2-Nitroaniline	ND		32.0	28.1		ug/L		88	44 - 136	5	15
2-Nitrophenol	ND		32.0	26.1		ug/L		82	38 - 141	17	18
3,3'-Dichlorobenzidine	ND		64.0	55.4		ug/L		87	10 - 150	2	25
3-Nitroaniline	ND		32.0	18.7		ug/L		59	32 - 150	4	19
4,6-Dinitro-2-methylphenol	ND		64.0	52.6		ug/L		82	38 - 150	12	15
4-Bromophenyl phenyl ether	ND		32.0	26.0		ug/L		81	63 - 126	8	15
4-Chloro-3-methylphenol	ND		32.0	26.0		ug/L		81	64 - 127	6	27
4-Chloroaniline	ND		32.0	17.7		ug/L		55	16 - 124	7	22
4-Chlorophenyl phenyl ether	ND		32.0	25.9		ug/L		81	61 - 120	3	16
4-Methylphenol	ND		32.0	22.9		ug/L		72	36 - 120	10	24
4-Nitroaniline	ND		32.0	23.7		ug/L		74	32 - 150	2	24
4-Nitrophenol	ND		64.0	47.0		ug/L		73	23 - 132	7	48
Acenaphthene	ND		32.0	25.7		ug/L		80	48 - 120	7	24
Acenaphthylene	ND		32.0	25.7		ug/L		80	63 - 120	6	18
Acetophenone	ND		32.0	26.2		ug/L		82	53 - 120	15	20
Aniline	ND		32.0	15.9		ug/L		50	32 - 120	15	30
Anthracene	ND		32.0	25.4		ug/L		79	65 - 122	8	15
Atrazine	ND		64.0	54.6		ug/L		85	50 - 150	5	20
Benzaldehyde	ND		64.0	48.7		ug/L		76	10 - 150	15	20
Benzo(a)anthracene	ND		32.0	24.6		ug/L		77	43 - 124	13	15
Benzo(a)pyrene	ND		32.0	21.3		ug/L		67	23 - 125	5	15
Benzo(b)fluoranthene	ND	F2	32.0	22.8	F2	ug/L		71	27 - 127	16	15
Benzo(g,h,i)perylene	ND		32.0	18.3		ug/L		57	16 - 147	6	15
Benzo(k)fluoranthene	ND		32.0	21.3		ug/L		67	20 - 124	4	22
Biphenyl	ND		32.0	25.7		ug/L		80	57 - 120	7	20
bis (2-chloroisopropyl) ether	ND		32.0	24.7		ug/L		77	28 - 121	16	24

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: 480-220331-5 MSD

Matrix: Ground Water

Analysis Batch: 714796

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 714661

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	ND		32.0	25.3		ug/L		79	44 - 128	14	17
Bis(2-chloroethyl)ether	ND		32.0	26.8		ug/L		84	45 - 120	13	21
Bis(2-ethylhexyl) phthalate	ND		32.0	22.1		ug/L		69	16 - 150	4	15
Butyl benzyl phthalate	ND		32.0	26.1		ug/L		82	51 - 140	7	16
Caprolactam	ND		64.0	19.6		ug/L		31	10 - 120	11	20
Carbazole	ND		32.0	32.1		ug/L		100	16 - 148	11	20
Chrysene	ND		32.0	23.0		ug/L		72	44 - 122	7	15
Dibenz(a,h)anthracene	ND		32.0	19.2		ug/L		60	16 - 139	5	15
Dibenzofuran	ND		32.0	26.3		ug/L		82	60 - 120	6	15
Diethyl phthalate	ND		32.0	26.9		ug/L		84	53 - 133	5	15
Dimethyl phthalate	ND		32.0	26.8		ug/L		84	59 - 123	5	15
Di-n-butyl phthalate	ND		32.0	27.9		ug/L		87	65 - 129	10	15
Di-n-octyl phthalate	ND		32.0	22.5		ug/L		70	16 - 150	4	16
Fluoranthene	ND		32.0	26.3		ug/L		82	63 - 129	10	15
Fluorene	ND		32.0	26.1		ug/L		81	62 - 120	4	15
Hexachlorobenzene	ND		32.0	25.4		ug/L		79	57 - 121	7	15
Hexachlorobutadiene	ND		32.0	24.3		ug/L		76	37 - 120	19	44
Hexachlorocyclopentadiene	ND		32.0	11.5		ug/L		36	21 - 120	10	49
Hexachloroethane	ND		32.0	22.7		ug/L		71	16 - 130	18	46
Indeno(1,2,3-cd)pyrene	ND		32.0	18.8		ug/L		59	16 - 140	5	15
Isophorone	ND		32.0	26.6		ug/L		83	48 - 133	13	17
Naphthalene	ND		32.0	25.9		ug/L		81	45 - 120	16	29
Nitrobenzene	ND		32.0	25.6		ug/L		80	45 - 123	15	24
N-Nitrosodi-n-propylamine	ND		32.0	25.7		ug/L		80	49 - 120	15	31
N-Nitrosodiphenylamine	ND		32.0	25.2		ug/L		79	39 - 138	8	15
Pentachlorophenol	ND		64.0	45.9		ug/L		72	10 - 149	9	37
Phenanthrene	ND		32.0	23.9		ug/L		75	65 - 122	8	15
Phenol	ND		32.0	16.7		ug/L		52	16 - 120	14	34
Pyrene	ND		32.0	27.8		ug/L		87	58 - 128	7	19

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2,4,6-Tribromophenol	82		25 - 144
2-Fluorobiphenyl	77		53 - 126
2-Fluorophenol	60		24 - 120
Nitrobenzene-d5	79		29 - 129
Phenol-d5	48		10 - 120
p-Terphenyl-d14	66		33 - 132

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-714283/1-A

Matrix: Water

Analysis Batch: 714393

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 714283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/04/24 09:06	06/04/24 15:07	1
Antimony	ND		0.020	0.0068	mg/L		06/04/24 09:06	06/04/24 15:07	1
Arsenic	ND		0.015	0.0056	mg/L		06/04/24 09:06	06/04/24 15:07	1
Barium	ND		0.0020	0.00070	mg/L		06/04/24 09:06	06/04/24 15:07	1
Beryllium	ND		0.0020	0.00030	mg/L		06/04/24 09:06	06/04/24 15:07	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: MB 480-714283/1-A

Matrix: Water

Analysis Batch: 714393

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 714283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0020	0.00050	mg/L		06/04/24 09:06	06/04/24 15:07	1
Calcium	ND		0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:07	1
Chromium	ND		0.0040	0.0010	mg/L		06/04/24 09:06	06/04/24 15:07	1
Cobalt	ND		0.0040	0.00063	mg/L		06/04/24 09:06	06/04/24 15:07	1
Copper	ND		0.010	0.0016	mg/L		06/04/24 09:06	06/04/24 15:07	1
Iron	ND		0.050	0.019	mg/L		06/04/24 09:06	06/04/24 15:07	1
Lead	ND		0.010	0.0030	mg/L		06/04/24 09:06	06/04/24 15:07	1
Magnesium	ND		0.20	0.043	mg/L		06/04/24 09:06	06/04/24 15:07	1
Manganese	ND		0.0030	0.00040	mg/L		06/04/24 09:06	06/04/24 15:07	1
Nickel	ND		0.010	0.0013	mg/L		06/04/24 09:06	06/04/24 15:07	1
Potassium	0.148	J	0.50	0.10	mg/L		06/04/24 09:06	06/04/24 15:07	1
Selenium	ND		0.025	0.0087	mg/L		06/04/24 09:06	06/04/24 15:07	1
Silver	ND		0.0060	0.0017	mg/L		06/04/24 09:06	06/04/24 15:07	1
Sodium	ND		1.0	0.32	mg/L		06/04/24 09:06	06/04/24 15:07	1
Thallium	ND		0.020	0.010	mg/L		06/04/24 09:06	06/04/24 15:07	1
Vanadium	ND		0.0050	0.0015	mg/L		06/04/24 09:06	06/04/24 15:07	1
Zinc	ND		0.010	0.0015	mg/L		06/04/24 09:06	06/04/24 15:07	1

Lab Sample ID: LCS 480-714283/2-A

Matrix: Water

Analysis Batch: 714393

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 714283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.10	5.45		mg/L		107	80 - 120
Antimony	0.500	0.514		mg/L		103	80 - 120
Arsenic	1.00	1.02		mg/L		102	80 - 120
Barium	1.00	1.08		mg/L		108	80 - 120
Beryllium	0.500	0.556		mg/L		111	80 - 120
Cadmium	0.500	0.517		mg/L		103	80 - 120
Calcium	25.0	27.22		mg/L		109	80 - 120
Chromium	0.500	0.543		mg/L		109	80 - 120
Cobalt	0.500	0.529		mg/L		106	80 - 120
Copper	0.500	0.501		mg/L		100	80 - 120
Iron	5.10	5.63		mg/L		110	80 - 120
Lead	0.500	0.524		mg/L		105	80 - 120
Magnesium	25.0	26.10		mg/L		104	80 - 120
Manganese	0.500	0.533		mg/L		107	80 - 120
Nickel	0.500	0.542		mg/L		108	80 - 120
Potassium	25.0	26.34		mg/L		105	80 - 120
Selenium	1.00	1.00		mg/L		100	80 - 120
Silver	0.0500	0.0512		mg/L		102	80 - 120
Sodium	25.0	26.90		mg/L		108	80 - 120
Thallium	1.00	0.971		mg/L		97	80 - 120
Vanadium	0.500	0.559		mg/L		112	80 - 120
Zinc	0.500	0.537		mg/L		107	80 - 120

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

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

Lab Sample ID: 480-220331-5 MS

Matrix: Ground Water

Analysis Batch: 714393

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Prep Batch: 714283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND		5.10	5.43		mg/L		107	75 - 125
Antimony	ND		0.500	0.511		mg/L		102	75 - 125
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125
Barium	0.042		1.00	1.11		mg/L		106	75 - 125
Beryllium	ND		0.500	0.547		mg/L		109	75 - 125
Cadmium	ND		0.500	0.516		mg/L		103	75 - 125
Calcium	85.5		25.0	112.4		mg/L		107	75 - 125
Chromium	ND		0.500	0.530		mg/L		106	75 - 125
Cobalt	ND		0.500	0.515		mg/L		103	75 - 125
Copper	0.0033	J	0.500	0.522		mg/L		104	75 - 125
Iron	0.036	J	5.10	5.55		mg/L		108	75 - 125
Lead	ND		0.500	0.513		mg/L		103	75 - 125
Magnesium	15.0		25.0	40.80		mg/L		103	75 - 125
Manganese	0.025		0.500	0.535		mg/L		102	75 - 125
Nickel	0.0090	J	0.500	0.536		mg/L		105	75 - 125
Potassium	0.80	B	25.0	27.10		mg/L		105	75 - 125
Selenium	ND		1.00	0.997		mg/L		100	75 - 125
Silver	ND		0.0500	0.0520		mg/L		104	75 - 125
Sodium	68.1		25.0	93.82		mg/L		103	75 - 125
Thallium	ND		1.00	0.976		mg/L		98	75 - 125
Vanadium	0.0015	J	0.500	0.549		mg/L		110	75 - 125
Zinc	0.0031	J	0.500	0.518		mg/L		103	75 - 125

Lab Sample ID: 480-220331-5 MSD

Matrix: Ground Water

Analysis Batch: 714393

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 714283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aluminum	ND		5.10	5.48		mg/L		107	75 - 125	1	20
Antimony	ND		0.500	0.514		mg/L		103	75 - 125	0	20
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125	0	20
Barium	0.042		1.00	1.11		mg/L		106	75 - 125	0	20
Beryllium	ND		0.500	0.548		mg/L		110	75 - 125	0	20
Cadmium	ND		0.500	0.518		mg/L		104	75 - 125	0	20
Calcium	85.5		25.0	113.0		mg/L		110	75 - 125	1	20
Chromium	ND		0.500	0.532		mg/L		106	75 - 125	0	20
Cobalt	ND		0.500	0.519		mg/L		104	75 - 125	1	20
Copper	0.0033	J	0.500	0.525		mg/L		104	75 - 125	1	20
Iron	0.036	J	5.10	5.62		mg/L		109	75 - 125	1	20
Lead	ND		0.500	0.516		mg/L		103	75 - 125	1	20
Magnesium	15.0		25.0	41.52		mg/L		106	75 - 125	2	20
Manganese	0.025		0.500	0.545		mg/L		104	75 - 125	2	20
Nickel	0.0090	J	0.500	0.539		mg/L		106	75 - 125	0	20
Potassium	0.80	B	25.0	27.38		mg/L		106	75 - 125	1	20
Selenium	ND		1.00	1.00		mg/L		100	75 - 125	0	20
Silver	ND		0.0500	0.0523		mg/L		105	75 - 125	1	20
Sodium	68.1		25.0	96.12		mg/L		112	75 - 125	2	20
Thallium	ND		1.00	0.980		mg/L		98	75 - 125	0	20
Vanadium	0.0015	J	0.500	0.552		mg/L		110	75 - 125	1	20
Zinc	0.0031	J	0.500	0.522		mg/L		104	75 - 125	1	20

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-714148/1-A
Matrix: Water
Analysis Batch: 714221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714148

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		06/03/24 09:17	06/03/24 12:12	1

Lab Sample ID: LCS 480-714148/2-A
Matrix: Water
Analysis Batch: 714221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714148

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00722		mg/L		108	80 - 120

Lab Sample ID: 480-220331-5 MS
Matrix: Ground Water
Analysis Batch: 714221

Client Sample ID: BCC Area E RFI-33 MS
Prep Type: Total/NA
Prep Batch: 714148

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00669	0.00698		mg/L		104	80 - 120

Lab Sample ID: 480-220331-5 MSD
Matrix: Ground Water
Analysis Batch: 714221

Client Sample ID: BCC Area E RFI-33 MSD
Prep Type: Total/NA
Prep Batch: 714148

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00669	0.00706		mg/L		105	80 - 120	1	20

Method: D516-90, 02 - Sulfate

Lab Sample ID: MB 480-714352/83
Matrix: Water
Analysis Batch: 714352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			06/04/24 11:33	1

Lab Sample ID: MB 480-714352/91
Matrix: Water
Analysis Batch: 714352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			06/04/24 11:36	1

Lab Sample ID: MB 480-714352/99
Matrix: Water
Analysis Batch: 714352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			06/04/24 11:40	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Method: D516-90, 02 - Sulfate (Continued)

Lab Sample ID: LCS 480-714352/90
Matrix: Water
Analysis Batch: 714352

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	30.86		mg/L		103	90 - 110

Lab Sample ID: LCS 480-714352/98
Matrix: Water
Analysis Batch: 714352

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	29.71		mg/L		99	90 - 110

Method: SM 5310D - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-714686/28
Matrix: Water
Analysis Batch: 714686

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			06/06/24 01:28	1

Lab Sample ID: MB 480-714686/4
Matrix: Water
Analysis Batch: 714686

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			06/05/24 13:46	1

Lab Sample ID: LCS 480-714686/29
Matrix: Water
Analysis Batch: 714686

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	62.02		mg/L		103	90 - 110

Lab Sample ID: LCS 480-714686/5
Matrix: Water
Analysis Batch: 714686

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	62.64		mg/L		104	90 - 110

QC Association Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

GC/MS VOA

Analysis Batch: 713986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-2	BCC Area E MW-E05	Total/NA	Ground Water	8260C	
480-220331-3	BCC Area E RFI-29	Total/NA	Ground Water	8260C	
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	8260C	
480-220331-5	BCC Area E RFI-33	Total/NA	Ground Water	8260C	
480-220331-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-713986/8	Method Blank	Total/NA	Water	8260C	
LCS 480-713986/6	Lab Control Sample	Total/NA	Water	8260C	
480-220331-5 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	8260C	
480-220331-5 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	8260C	

Analysis Batch: 714158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-1	BCC Area E RFI-33 D	Total/NA	Ground Water	8260C	
MB 480-714158/8	Method Blank	Total/NA	Water	8260C	
LCS 480-714158/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-714158/20	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 714661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-1	BCC Area E RFI-33 D	Total/NA	Ground Water	3510C	
480-220331-2	BCC Area E MW-E05	Total/NA	Ground Water	3510C	
480-220331-3	BCC Area E RFI-29	Total/NA	Ground Water	3510C	
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	3510C	
480-220331-5	BCC Area E RFI-33	Total/NA	Ground Water	3510C	
MB 480-714661/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-714661/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-220331-5 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	3510C	
480-220331-5 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	3510C	

Analysis Batch: 714796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-1	BCC Area E RFI-33 D	Total/NA	Ground Water	8270D	714661
480-220331-2	BCC Area E MW-E05	Total/NA	Ground Water	8270D	714661
480-220331-3	BCC Area E RFI-29	Total/NA	Ground Water	8270D	714661
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	8270D	714661
480-220331-5	BCC Area E RFI-33	Total/NA	Ground Water	8270D	714661
MB 480-714661/1-A	Method Blank	Total/NA	Water	8270D	714661
LCS 480-714661/2-A	Lab Control Sample	Total/NA	Water	8270D	714661
480-220331-5 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	8270D	714661
480-220331-5 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	8270D	714661

Metals

Prep Batch: 714148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-1	BCC Area E RFI-33 D	Total/NA	Ground Water	7470A	
480-220331-2	BCC Area E MW-E05	Total/NA	Ground Water	7470A	
480-220331-3	BCC Area E RFI-29	Total/NA	Ground Water	7470A	
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	
480-220331-5	BCC Area E RFI-33	Total/NA	Ground Water	7470A	
MB 480-714148/1-A	Method Blank	Total/NA	Water	7470A	

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QC Association Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Metals (Continued)

Prep Batch: 714148 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-714148/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-220331-5 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	7470A	
480-220331-5 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	7470A	

Analysis Batch: 714221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-1	BCC Area E RFI-33 D	Total/NA	Ground Water	7470A	714148
480-220331-2	BCC Area E MW-E05	Total/NA	Ground Water	7470A	714148
480-220331-3	BCC Area E RFI-29	Total/NA	Ground Water	7470A	714148
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	714148
480-220331-5	BCC Area E RFI-33	Total/NA	Ground Water	7470A	714148
MB 480-714148/1-A	Method Blank	Total/NA	Water	7470A	714148
LCS 480-714148/2-A	Lab Control Sample	Total/NA	Water	7470A	714148
480-220331-5 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	7470A	714148
480-220331-5 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	7470A	714148

Prep Batch: 714283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-1	BCC Area E RFI-33 D	Total/NA	Ground Water	3005A	
480-220331-2	BCC Area E MW-E05	Total/NA	Ground Water	3005A	
480-220331-3	BCC Area E RFI-29	Total/NA	Ground Water	3005A	
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	3005A	
480-220331-5	BCC Area E RFI-33	Total/NA	Ground Water	3005A	
MB 480-714283/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-714283/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-220331-5 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	3005A	
480-220331-5 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	3005A	

Analysis Batch: 714393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-1	BCC Area E RFI-33 D	Total/NA	Ground Water	6010D	714283
480-220331-2	BCC Area E MW-E05	Total/NA	Ground Water	6010D	714283
480-220331-3	BCC Area E RFI-29	Total/NA	Ground Water	6010D	714283
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	6010D	714283
480-220331-5	BCC Area E RFI-33	Total/NA	Ground Water	6010D	714283
MB 480-714283/1-A	Method Blank	Total/NA	Water	6010D	714283
LCS 480-714283/2-A	Lab Control Sample	Total/NA	Water	6010D	714283
480-220331-5 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	6010D	714283
480-220331-5 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	6010D	714283

General Chemistry

Analysis Batch: 714352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	D516-90, 02	
MB 480-714352/83	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-714352/91	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-714352/99	Method Blank	Total/NA	Water	D516-90, 02	
LCS 480-714352/90	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-714352/98	Lab Control Sample	Total/NA	Water	D516-90, 02	

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QC Association Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

General Chemistry

Analysis Batch: 714686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220331-4	BCC Area E RFI-32A	Total/NA	Ground Water	SM 5310D	
MB 480-714686/28	Method Blank	Total/NA	Water	SM 5310D	
MB 480-714686/4	Method Blank	Total/NA	Water	SM 5310D	
LCS 480-714686/29	Lab Control Sample	Total/NA	Water	SM 5310D	
LCS 480-714686/5	Lab Control Sample	Total/NA	Water	SM 5310D	

Lab Chronicle

Client Sample ID: BCC Area E RFI-33 D

Date Collected: 05/30/24 09:35

Date Received: 05/30/24 15:30

Lab Sample ID: 480-220331-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	714158	CC	EET BUF	06/03/24 13:48
Total/NA	Prep	3510C			714661	JMP	EET BUF	06/06/24 09:57
Total/NA	Analysis	8270D		5	714796	EMD	EET BUF	06/07/24 23:02
Total/NA	Prep	3005A			714283	EMO	EET BUF	06/04/24 09:06
Total/NA	Analysis	6010D		1	714393	NZG	EET BUF	06/04/24 15:11
Total/NA	Prep	7470A			714148	ESB	EET BUF	06/03/24 09:17
Total/NA	Analysis	7470A		1	714221	ESB	EET BUF	06/03/24 12:14

Client Sample ID: BCC Area E MW-E05

Date Collected: 05/30/24 12:15

Date Received: 05/30/24 15:30

Lab Sample ID: 480-220331-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	713986	CC	EET BUF	05/31/24 15:12
Total/NA	Prep	3510C			714661	JMP	EET BUF	06/06/24 09:57
Total/NA	Analysis	8270D		1	714796	EMD	EET BUF	06/07/24 23:29
Total/NA	Prep	3005A			714283	EMO	EET BUF	06/04/24 09:06
Total/NA	Analysis	6010D		1	714393	NZG	EET BUF	06/04/24 15:13
Total/NA	Prep	7470A			714148	ESB	EET BUF	06/03/24 09:17
Total/NA	Analysis	7470A		1	714221	ESB	EET BUF	06/03/24 12:15

Client Sample ID: BCC Area E RFI-29

Date Collected: 05/30/24 13:30

Date Received: 05/30/24 15:30

Lab Sample ID: 480-220331-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	713986	CC	EET BUF	05/31/24 15:35
Total/NA	Prep	3510C			714661	JMP	EET BUF	06/06/24 09:57
Total/NA	Analysis	8270D		1	714796	EMD	EET BUF	06/07/24 23:57
Total/NA	Prep	3005A			714283	EMO	EET BUF	06/04/24 09:06
Total/NA	Analysis	6010D		1	714393	NZG	EET BUF	06/04/24 15:20
Total/NA	Prep	7470A			714148	ESB	EET BUF	06/03/24 09:17
Total/NA	Analysis	7470A		1	714221	ESB	EET BUF	06/03/24 12:17

Client Sample ID: BCC Area E RFI-32A

Date Collected: 05/30/24 10:55

Date Received: 05/30/24 15:30

Lab Sample ID: 480-220331-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4000	713986	CC	EET BUF	05/31/24 15:57
Total/NA	Prep	3510C			714661	JMP	EET BUF	06/06/24 09:57
Total/NA	Analysis	8270D		5	714796	EMD	EET BUF	06/08/24 00:25
Total/NA	Prep	3005A			714283	EMO	EET BUF	06/04/24 09:06
Total/NA	Analysis	6010D		1	714393	NZG	EET BUF	06/04/24 15:22
Total/NA	Prep	7470A			714148	ESB	EET BUF	06/03/24 09:17
Total/NA	Analysis	7470A		1	714221	ESB	EET BUF	06/03/24 12:18
Total/NA	Analysis	D516-90, 02		50	714352	CG	EET BUF	06/04/24 11:41

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Lab Chronicle

Client Sample ID: BCC Area E RFI-32A

Date Collected: 05/30/24 10:55

Date Received: 05/30/24 15:30

Lab Sample ID: 480-220331-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310D		1	714686	AF	EET BUF	06/06/24 03:52

Client Sample ID: BCC Area E RFI-33

Date Collected: 05/30/24 09:20

Date Received: 05/30/24 15:30

Lab Sample ID: 480-220331-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	713986	CC	EET BUF	05/31/24 16:19
Total/NA	Prep	3510C			714661	JMP	EET BUF	06/06/24 09:57
Total/NA	Analysis	8270D		1	714796	EMD	EET BUF	06/07/24 17:55
Total/NA	Prep	3005A			714283	EMO	EET BUF	06/04/24 09:06
Total/NA	Analysis	6010D		1	714393	NZG	EET BUF	06/04/24 15:24
Total/NA	Prep	7470A			714148	ESB	EET BUF	06/03/24 09:17
Total/NA	Analysis	7470A		1	714221	ESB	EET BUF	06/03/24 12:19

Client Sample ID: TRIP BLANK

Date Collected: 05/30/24 09:20

Date Received: 05/30/24 15:30

Lab Sample ID: 480-220331-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	713986	CC	EET BUF	05/31/24 16:42

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
SM 5310D		Ground Water	Total Organic Carbon

Method Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-220331-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
D516-90, 02	Sulfate	ASTM	EET BUF
SM 5310D	Organic Carbon, Total (TOC)	SM	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

ASTM = ASTM International

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

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

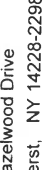
Client: Ontario Specialty Contracting, Inc.
Project/Site:

Job ID: 480-220331-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-220331-1	BCC Area E RFI-33 D	Ground Water	05/30/24 09:35	05/30/24 15:30
480-220331-2	BCC Area E MW-E05	Ground Water	05/30/24 12:15	05/30/24 15:30
480-220331-3	BCC Area E RFI-29	Ground Water	05/30/24 13:30	05/30/24 15:30
480-220331-4	BCC Area E RFI-32A	Ground Water	05/30/24 10:55	05/30/24 15:30
480-220331-5	BCC Area E RFI-33	Ground Water	05/30/24 09:20	05/30/24 15:30
480-220331-6	TRIP BLANK	Water	05/30/24 09:20	05/30/24 15:30

Chain of Custody Record

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991



Client Information		Sampler: <u>Taylor Kuzelma</u>		Lab PM: <u>Schove, John R</u>		Carrier Tracking No(s): <u>OSC</u>		COC No: <u>480-195997-6267.1</u>	
Client Contact: <u>Kirsten Colligan</u>		Phone: <u>716-480-3282</u>		E-Mail: <u>John.Schove@eurofins.com</u>		State of Origin: <u>NY</u>		Page: <u>1 of 1</u>	
Company: <u>Ontario Specialty Contracting, Inc.</u>		PWSID: _____		Analysis Requested		Job #: <u>16011</u>		Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4	
Address: <u>140 Lee St.</u>		Due Date Requested: <u>2 weeks</u>		TAT Requested (days): <u>Standard</u>		Compliance Project: <u>Δ Yes</u> <u>Δ No</u>		Other: _____	
City: <u>Buffalo</u>		PO #: <u>66928</u>		WO #: <u>66984</u>		Project #: <u>48003159</u>		Special Instructions/Note: _____	
State, Zip: <u>NY, 14210</u>		Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)		Sample Type (C=comp, G=grab)		Sample Time		Sample Date	
Phone: <u>716-856-3333</u>		Sample Date		Sample Time		Sample Type		Matrix	
Email: <u>kcolligan@oscinc.com</u>		Sample Date		Sample Time		Sample Type		Matrix	
Project Name: <u>OSC - Former Buffalo Color Sites/ Event Desc: Buffalo Color Area</u>		Sample Date		Sample Time		Sample Type		Matrix	
Site: <u>New York</u>		Sample Date		Sample Time		Sample Type		Matrix	
SSOW#: _____		Sample Date		Sample Time		Sample Type		Matrix	
Sample Identification		Sample Date		Sample Time		Sample Type		Matrix	
BCC Area E MW-E05		5-30-24		12:15		G		Water	
BCC Area E RFI-29				13:30		G		Water	
BCC Area E RFI-32A				10:55		G		Water	
BCC Area E RFI-33				9:20		G		Water	
BCC Area E RFI-33 D				9:35		G		Water	
BCC Area E RFI-33 MS				9:25		G		Water	
BCC Area E RFI-33 MSD				9:30		G		Water	
TRIP BLANK				9:20		G		Water	
BCC Area E RFI-32A				10:55		G		Water	
Possible Hazard Identification		Sample Date		Sample Time		Sample Type		Matrix	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Date		Sample Time		Sample Type		Matrix	
Deliverable Requested: I, II, III, IV, Other (specify)		Sample Date		Sample Time		Sample Type		Matrix	
Empty Kit Relinquished by: <u>John Kuzelma</u>		Sample Date		Sample Time		Sample Type		Matrix	
Relinquished by: <u>John Kuzelma</u>		Sample Date		Sample Time		Sample Type		Matrix	
Relinquished by: _____		Sample Date		Sample Time		Sample Type		Matrix	
Relinquished by: _____		Sample Date		Sample Time		Sample Type		Matrix	
Custody Seal No.: <u>25-79168</u>		Sample Date		Sample Time		Sample Type		Matrix	
Custody Seals Intact: <u>Δ Yes</u> <u>Δ No</u>		Sample Date		Sample Time		Sample Type		Matrix	
Date: <u>5-30-24</u> Time: <u>15:30</u>		Sample Date		Sample Time		Sample Type		Matrix	
Company: <u>OSC</u>		Sample Date		Sample Time		Sample Type		Matrix	
Received by: _____		Sample Date		Sample Time		Sample Type		Matrix	
Received by: _____		Sample Date		Sample Time		Sample Type		Matrix	
Received by: _____		Sample Date		Sample Time		Sample Type		Matrix	
Cooler Temperature(s) °C and Other Remarks: <u>3.3 ICE</u>		Sample Date		Sample Time		Sample Type		Matrix	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-220331-1

Login Number: 220331

List Number: 1

Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210
Generated 12/22/2023 4:57:27 PM

JOB DESCRIPTION

Buffalo Color Area E Wells
Buffalo Color Area E Wells

JOB NUMBER

480-215747-1

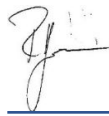
Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
12/22/2023 4:57:27 PM

Authorized for release by
Rebecca Jones, Project Management Assistant I
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Designee for
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(716)504-9838

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Definitions/Glossary

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

Job ID: 480-215747-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
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.
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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 480-215747-1

Job ID: 480-215747-1

Eurofins Buffalo

Job Narrative 480-215747-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/14/2023 3:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.2°C

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-695621 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is impacted: BCC Area E RFI-33 (480-215747-4).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32A (480-215747-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-695541 recovered outside control limits for the following analyte: Bromoform. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: BCC Area E RFI-29 (480-215747-2), BCC Area E RFI-32A (480-215747-3), BCC Area E RFI-33 D (480-215747-5) and TRIP BLANK (480-215747-6).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-695541 recovered above the upper control limit for Vinyl chloride and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BCC Area E RFI-29 (480-215747-2), BCC Area E RFI-32A (480-215747-3), BCC Area E RFI-33 D (480-215747-5) and TRIP BLANK (480-215747-6).

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

GC/MS Semi VOA

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: BCC Area E RFI-32A (480-215747-3) and BCC Area E RFI-33 D (480-215747-5). Elevated reporting limits (RL) are provided.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-695896 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-695735 and analytical batch 480-695896 recovered outside control limits for the following analytes: Atrazine and Diethyl phthalate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270D: The following sample required a dilution due to the nature of the sample matrix: BCC Area E RFI-32A (480-215747-3). 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 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area E RFI-33 MS (480-215747-4[MS]). These results have been reported and qualified.

Eurofins Buffalo

Case Narrative

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

Job ID: 480-215747-1

Job ID: 480-215747-1 (Continued)

Eurofins Buffalo

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-695896 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

Metals

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

Eurofins Buffalo

Detection Summary

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-215747-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.0		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	0.26		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.016		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	161		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	0.15		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.27		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.016		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	17.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.066		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.9		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.012	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	38.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	3.0		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-215747-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.7		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	3.0		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	14		1.0	0.75	ug/L	1		8260C	Total/NA
4-Chloroaniline	0.69	J	5.0	0.59	ug/L	1		8270D	Total/NA
Aniline	0.89	J	10	0.61	ug/L	1		8270D	Total/NA
Phenol	0.45	J	5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	0.26		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0057	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	72.7		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.22		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	9.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.084		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0026	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	207		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.038		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-215747-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	120000		4000	3000	ug/L	4000		8260C	Total/NA
2-Chlorophenol	140		100	11	ug/L	20		8270D	Total/NA
Arsenic	0.014	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	346		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0036	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0021	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0043	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	3.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	90.8		0.20	0.043	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.77		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0056	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	138		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0086	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-215747-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.034		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	88.8		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0024	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.096		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	13.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.094		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0069	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.86		0.50	0.10	mg/L	1		6010C	Total/NA
Silver	0.0017	J	0.0060	0.0017	mg/L	1		6010C	Total/NA
Sodium	47.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0028	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-215747-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.036		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	83.6		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0022	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0039	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.072		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	13.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.064		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0071	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.85		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	46.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0027	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.000057	J	0.00020	0.000043	mg/L	1		7470A	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215747-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-215747-1

Date Collected: 12/14/23 11:30

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 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			12/18/23 15:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/23 15:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/23 15:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/23 15:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/23 15:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/23 15:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/23 15:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/23 15:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/23 15:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/23 15:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/23 15:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/23 15:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/23 15:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/23 15:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/23 15:32	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/23 15:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/23 15:32	1
Acetone	ND		10	3.0	ug/L			12/18/23 15:32	1
Benzene	ND		1.0	0.41	ug/L			12/18/23 15:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/23 15:32	1
Bromoform	ND		1.0	0.26	ug/L			12/18/23 15:32	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/23 15:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/23 15:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/23 15:32	1
Chlorobenzene	1.0		1.0	0.75	ug/L			12/18/23 15:32	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/23 15:32	1
Chloroform	ND		1.0	0.34	ug/L			12/18/23 15:32	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/23 15:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/23 15:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/23 15:32	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/23 15:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/23 15:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/23 15:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/23 15:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/23 15:32	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/23 15:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/23 15:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/23 15:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/23 15:32	1
Styrene	ND		1.0	0.73	ug/L			12/18/23 15:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/23 15:32	1
Toluene	ND		1.0	0.51	ug/L			12/18/23 15:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/23 15:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/23 15:32	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/23 15:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/23 15:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/23 15:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/23 15:32	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-215747-1

Date Collected: 12/14/23 11:30

Matrix: Ground Water

Date Received: 12/14/23 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		12/18/23 15:32	1
4-Bromofluorobenzene (Surr)	98		73 - 120		12/18/23 15:32	1
Toluene-d8 (Surr)	101		80 - 120		12/18/23 15:32	1
Dibromofluoromethane (Surr)	99		75 - 123		12/18/23 15:32	1

Method: SW846 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		12/18/23 09:22	12/19/23 18:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/18/23 09:22	12/19/23 18:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 18:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/18/23 09:22	12/19/23 18:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 18:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 18:01	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/18/23 09:22	12/19/23 18:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/18/23 09:22	12/19/23 18:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/18/23 09:22	12/19/23 18:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:01	1
2-Nitroaniline	ND		10	0.42	ug/L		12/18/23 09:22	12/19/23 18:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/18/23 09:22	12/19/23 18:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:01	1
3-Nitroaniline	ND		10	0.48	ug/L		12/18/23 09:22	12/19/23 18:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 18:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 18:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 18:01	1
4-Chloroaniline	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 18:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 18:01	1
4-Methylphenol	ND		10	0.36	ug/L		12/18/23 09:22	12/19/23 18:01	1
4-Nitroaniline	ND		10	0.25	ug/L		12/18/23 09:22	12/19/23 18:01	1
4-Nitrophenol	ND		10	1.5	ug/L		12/18/23 09:22	12/19/23 18:01	1
Acenaphthene	ND		5.0	0.41	ug/L		12/18/23 09:22	12/19/23 18:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/18/23 09:22	12/19/23 18:01	1
Acetophenone	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 18:01	1
Aniline	ND		10	0.61	ug/L		12/18/23 09:22	12/19/23 18:01	1
Anthracene	ND		5.0	0.28	ug/L		12/18/23 09:22	12/19/23 18:01	1
Atrazine	ND	*+	5.0	0.46	ug/L		12/18/23 09:22	12/19/23 18:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/18/23 09:22	12/19/23 18:01	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 18:01	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 18:01	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 18:01	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 18:01	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/18/23 09:22	12/19/23 18:01	1
Biphenyl	ND		5.0	0.65	ug/L		12/18/23 09:22	12/19/23 18:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/18/23 09:22	12/19/23 18:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 18:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		12/18/23 09:22	12/19/23 18:01	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/18/23 09:22	12/19/23 18:01	1
Caprolactam	ND		5.0	2.2	ug/L		12/18/23 09:22	12/19/23 18:01	1
Carbazole	ND		5.0	0.30	ug/L		12/18/23 09:22	12/19/23 18:01	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-215747-1

Date Collected: 12/14/23 11:30

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		12/18/23 09:22	12/19/23 18:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		12/18/23 09:22	12/19/23 18:01	1
Dibenzofuran	ND		10	0.51	ug/L		12/18/23 09:22	12/19/23 18:01	1
Diethyl phthalate	ND	+	5.0	0.22	ug/L		12/18/23 09:22	12/19/23 18:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 18:01	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/18/23 09:22	12/19/23 18:01	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 18:01	1
Fluoranthene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:01	1
Fluorene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 18:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 18:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/18/23 09:22	12/19/23 18:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 18:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 18:01	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 18:01	1
Isophorone	ND		5.0	0.43	ug/L		12/18/23 09:22	12/19/23 18:01	1
Naphthalene	ND		5.0	0.76	ug/L		12/18/23 09:22	12/19/23 18:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/18/23 09:22	12/19/23 18:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 18:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 18:01	1
Pentachlorophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 18:01	1
Phenanthrene	ND		5.0	0.44	ug/L		12/18/23 09:22	12/19/23 18:01	1
Phenol	ND		5.0	0.39	ug/L		12/18/23 09:22	12/19/23 18:01	1
Pyrene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		41 - 120	12/18/23 09:22	12/19/23 18:01	1
2-Fluorobiphenyl	87		48 - 120	12/18/23 09:22	12/19/23 18:01	1
2-Fluorophenol	60		35 - 120	12/18/23 09:22	12/19/23 18:01	1
Nitrobenzene-d5	82		46 - 120	12/18/23 09:22	12/19/23 18:01	1
Phenol-d5	44		22 - 120	12/18/23 09:22	12/19/23 18:01	1
p-Terphenyl-d14	76		60 - 148	12/18/23 09:22	12/19/23 18:01	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.26		0.20	0.060	mg/L		12/18/23 08:41	12/20/23 21:55	1
Antimony	ND		0.020	0.0068	mg/L		12/18/23 08:41	12/20/23 21:55	1
Arsenic	ND		0.015	0.0056	mg/L		12/18/23 08:41	12/20/23 21:55	1
Barium	0.031		0.0020	0.00070	mg/L		12/18/23 08:41	12/20/23 21:55	1
Beryllium	ND		0.0020	0.00030	mg/L		12/18/23 08:41	12/20/23 21:55	1
Cadmium	0.016		0.0020	0.00050	mg/L		12/18/23 08:41	12/20/23 21:55	1
Calcium	161		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 21:55	1
Chromium	ND		0.0040	0.0010	mg/L		12/18/23 08:41	12/20/23 21:55	1
Cobalt	0.0018	J	0.0040	0.00063	mg/L		12/18/23 08:41	12/20/23 21:55	1
Copper	0.15		0.010	0.0016	mg/L		12/18/23 08:41	12/20/23 21:55	1
Iron	0.27		0.050	0.019	mg/L		12/18/23 08:41	12/20/23 21:55	1
Lead	0.016		0.010	0.0030	mg/L		12/18/23 08:41	12/20/23 21:55	1
Magnesium	17.1		0.20	0.043	mg/L		12/18/23 08:41	12/20/23 21:55	1
Manganese	0.066		0.0030	0.00040	mg/L		12/18/23 08:41	12/20/23 21:55	1
Nickel	0.016		0.010	0.0013	mg/L		12/18/23 08:41	12/20/23 21:55	1
Potassium	5.9		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 21:55	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-215747-1

Date Collected: 12/14/23 11:30

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.012	J	0.025	0.0087	mg/L		12/18/23 08:41	12/20/23 21:55	1
Silver	ND		0.0060	0.0017	mg/L		12/18/23 08:41	12/20/23 21:55	1
Sodium	38.9		1.0	0.32	mg/L		12/18/23 08:41	12/20/23 21:55	1
Thallium	ND		0.020	0.010	mg/L		12/18/23 08:41	12/20/23 21:55	1
Vanadium	ND		0.0050	0.0015	mg/L		12/18/23 08:41	12/20/23 21:55	1
Zinc	3.0		0.010	0.0015	mg/L		12/18/23 08:41	12/20/23 21:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/18/23 11:27	12/18/23 15:03	1

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-215747-2

Date Collected: 12/14/23 12:40

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 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			12/15/23 18:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/23 18:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/23 18:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/23 18:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/23 18:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/23 18:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/23 18:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/23 18:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/23 18:24	1
1,2-Dichlorobenzene	2.7		1.0	0.79	ug/L			12/15/23 18:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/23 18:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/23 18:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/23 18:24	1
1,4-Dichlorobenzene	3.0		1.0	0.84	ug/L			12/15/23 18:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/23 18:24	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/23 18:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/23 18:24	1
Acetone	ND		10	3.0	ug/L			12/15/23 18:24	1
Benzene	ND		1.0	0.41	ug/L			12/15/23 18:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/23 18:24	1
Bromoform	ND	*+	1.0	0.26	ug/L			12/15/23 18:24	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/23 18:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/23 18:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/23 18:24	1
Chlorobenzene	14		1.0	0.75	ug/L			12/15/23 18:24	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/23 18:24	1
Chloroform	ND		1.0	0.34	ug/L			12/15/23 18:24	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/23 18:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/23 18:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/23 18:24	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/23 18:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/23 18:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/15/23 18:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/23 18:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/23 18:24	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/23 18:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/23 18:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/23 18:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/23 18:24	1
Styrene	ND		1.0	0.73	ug/L			12/15/23 18:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/23 18:24	1
Toluene	ND		1.0	0.51	ug/L			12/15/23 18:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/23 18:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/23 18:24	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/23 18:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/23 18:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/23 18:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/23 18:24	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-215747-2

Date Collected: 12/14/23 12:40

Matrix: Ground Water

Date Received: 12/14/23 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/15/23 18:24	1
4-Bromofluorobenzene (Surr)	96		73 - 120		12/15/23 18:24	1
Toluene-d8 (Surr)	97		80 - 120		12/15/23 18:24	1
Dibromofluoromethane (Surr)	102		75 - 123		12/15/23 18:24	1

Method: SW846 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		12/18/23 09:22	12/19/23 18:29	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/18/23 09:22	12/19/23 18:29	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 18:29	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/18/23 09:22	12/19/23 18:29	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 18:29	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 18:29	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:29	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/18/23 09:22	12/19/23 18:29	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/18/23 09:22	12/19/23 18:29	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/18/23 09:22	12/19/23 18:29	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:29	1
2-Nitroaniline	ND		10	0.42	ug/L		12/18/23 09:22	12/19/23 18:29	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/18/23 09:22	12/19/23 18:29	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:29	1
3-Nitroaniline	ND		10	0.48	ug/L		12/18/23 09:22	12/19/23 18:29	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 18:29	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 18:29	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 18:29	1
4-Chloroaniline	0.69	J	5.0	0.59	ug/L		12/18/23 09:22	12/19/23 18:29	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 18:29	1
4-Methylphenol	ND		10	0.36	ug/L		12/18/23 09:22	12/19/23 18:29	1
4-Nitroaniline	ND		10	0.25	ug/L		12/18/23 09:22	12/19/23 18:29	1
4-Nitrophenol	ND		10	1.5	ug/L		12/18/23 09:22	12/19/23 18:29	1
Acenaphthene	ND		5.0	0.41	ug/L		12/18/23 09:22	12/19/23 18:29	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/18/23 09:22	12/19/23 18:29	1
Acetophenone	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 18:29	1
Aniline	0.89	J	10	0.61	ug/L		12/18/23 09:22	12/19/23 18:29	1
Anthracene	ND		5.0	0.28	ug/L		12/18/23 09:22	12/19/23 18:29	1
Atrazine	ND	*+	5.0	0.46	ug/L		12/18/23 09:22	12/19/23 18:29	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/18/23 09:22	12/19/23 18:29	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 18:29	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 18:29	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 18:29	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 18:29	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/18/23 09:22	12/19/23 18:29	1
Biphenyl	ND		5.0	0.65	ug/L		12/18/23 09:22	12/19/23 18:29	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/18/23 09:22	12/19/23 18:29	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 18:29	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:29	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		12/18/23 09:22	12/19/23 18:29	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/18/23 09:22	12/19/23 18:29	1
Caprolactam	ND		5.0	2.2	ug/L		12/18/23 09:22	12/19/23 18:29	1
Carbazole	ND		5.0	0.30	ug/L		12/18/23 09:22	12/19/23 18:29	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-215747-2

Date Collected: 12/14/23 12:40

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		12/18/23 09:22	12/19/23 18:29	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		12/18/23 09:22	12/19/23 18:29	1
Dibenzofuran	ND		10	0.51	ug/L		12/18/23 09:22	12/19/23 18:29	1
Diethyl phthalate	ND	+	5.0	0.22	ug/L		12/18/23 09:22	12/19/23 18:29	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 18:29	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/18/23 09:22	12/19/23 18:29	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 18:29	1
Fluoranthene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 18:29	1
Fluorene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 18:29	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 18:29	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/18/23 09:22	12/19/23 18:29	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 18:29	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 18:29	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 18:29	1
Isophorone	ND		5.0	0.43	ug/L		12/18/23 09:22	12/19/23 18:29	1
Naphthalene	ND		5.0	0.76	ug/L		12/18/23 09:22	12/19/23 18:29	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/18/23 09:22	12/19/23 18:29	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 18:29	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 18:29	1
Pentachlorophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 18:29	1
Phenanthrene	ND		5.0	0.44	ug/L		12/18/23 09:22	12/19/23 18:29	1
Phenol	0.45	J	5.0	0.39	ug/L		12/18/23 09:22	12/19/23 18:29	1
Pyrene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		41 - 120	12/18/23 09:22	12/19/23 18:29	1
2-Fluorobiphenyl	87		48 - 120	12/18/23 09:22	12/19/23 18:29	1
2-Fluorophenol	62		35 - 120	12/18/23 09:22	12/19/23 18:29	1
Nitrobenzene-d5	80		46 - 120	12/18/23 09:22	12/19/23 18:29	1
Phenol-d5	48		22 - 120	12/18/23 09:22	12/19/23 18:29	1
p-Terphenyl-d14	71		60 - 148	12/18/23 09:22	12/19/23 18:29	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.26		0.20	0.060	mg/L		12/18/23 08:41	12/20/23 21:59	1
Antimony	ND		0.020	0.0068	mg/L		12/18/23 08:41	12/20/23 21:59	1
Arsenic	0.0057	J	0.015	0.0056	mg/L		12/18/23 08:41	12/20/23 21:59	1
Barium	0.035		0.0020	0.00070	mg/L		12/18/23 08:41	12/20/23 21:59	1
Beryllium	ND		0.0020	0.00030	mg/L		12/18/23 08:41	12/20/23 21:59	1
Cadmium	ND		0.0020	0.00050	mg/L		12/18/23 08:41	12/20/23 21:59	1
Calcium	72.7		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 21:59	1
Chromium	ND		0.0040	0.0010	mg/L		12/18/23 08:41	12/20/23 21:59	1
Cobalt	ND		0.0040	0.00063	mg/L		12/18/23 08:41	12/20/23 21:59	1
Copper	ND		0.010	0.0016	mg/L		12/18/23 08:41	12/20/23 21:59	1
Iron	0.22		0.050	0.019	mg/L		12/18/23 08:41	12/20/23 21:59	1
Lead	ND		0.010	0.0030	mg/L		12/18/23 08:41	12/20/23 21:59	1
Magnesium	9.2		0.20	0.043	mg/L		12/18/23 08:41	12/20/23 21:59	1
Manganese	0.084		0.0030	0.00040	mg/L		12/18/23 08:41	12/20/23 21:59	1
Nickel	0.0026	J	0.010	0.0013	mg/L		12/18/23 08:41	12/20/23 21:59	1
Potassium	5.3		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 21:59	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-215747-2

Date Collected: 12/14/23 12:40

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/18/23 08:41	12/20/23 21:59	1
Silver	ND		0.0060	0.0017	mg/L		12/18/23 08:41	12/20/23 21:59	1
Sodium	207		1.0	0.32	mg/L		12/18/23 08:41	12/20/23 21:59	1
Thallium	ND		0.020	0.010	mg/L		12/18/23 08:41	12/20/23 21:59	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		12/18/23 08:41	12/20/23 21:59	1
Zinc	0.038		0.010	0.0015	mg/L		12/18/23 08:41	12/20/23 21:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/18/23 11:27	12/18/23 15:04	1

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-215747-3

Date Collected: 12/14/23 10:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4000	3300	ug/L			12/15/23 18:48	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			12/15/23 18:48	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			12/15/23 18:48	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			12/15/23 18:48	4000
1,1-Dichloroethane	ND		4000	1500	ug/L			12/15/23 18:48	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			12/15/23 18:48	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			12/15/23 18:48	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			12/15/23 18:48	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			12/15/23 18:48	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			12/15/23 18:48	4000
1,2-Dichloroethane	ND		4000	840	ug/L			12/15/23 18:48	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			12/15/23 18:48	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			12/15/23 18:48	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			12/15/23 18:48	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			12/15/23 18:48	4000
2-Hexanone	ND		20000	5000	ug/L			12/15/23 18:48	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			12/15/23 18:48	4000
Acetone	ND		40000	12000	ug/L			12/15/23 18:48	4000
Benzene	ND		4000	1600	ug/L			12/15/23 18:48	4000
Bromodichloromethane	ND		4000	1600	ug/L			12/15/23 18:48	4000
Bromoform	ND	*+	4000	1000	ug/L			12/15/23 18:48	4000
Bromomethane	ND		4000	2800	ug/L			12/15/23 18:48	4000
Carbon disulfide	ND		4000	760	ug/L			12/15/23 18:48	4000
Carbon tetrachloride	ND		4000	1100	ug/L			12/15/23 18:48	4000
Chlorobenzene	120000		4000	3000	ug/L			12/15/23 18:48	4000
Chloroethane	ND		4000	1300	ug/L			12/15/23 18:48	4000
Chloroform	ND		4000	1400	ug/L			12/15/23 18:48	4000
Chloromethane	ND		4000	1400	ug/L			12/15/23 18:48	4000
cis-1,2-Dichloroethene	ND		4000	3200	ug/L			12/15/23 18:48	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			12/15/23 18:48	4000
Cyclohexane	ND		4000	720	ug/L			12/15/23 18:48	4000
Dibromochloromethane	ND		4000	1300	ug/L			12/15/23 18:48	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			12/15/23 18:48	4000
Ethylbenzene	ND		4000	3000	ug/L			12/15/23 18:48	4000
Isopropylbenzene	ND		4000	3200	ug/L			12/15/23 18:48	4000
Methyl acetate	ND		10000	5200	ug/L			12/15/23 18:48	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			12/15/23 18:48	4000
Methylcyclohexane	ND		4000	640	ug/L			12/15/23 18:48	4000
Methylene Chloride	ND		4000	1800	ug/L			12/15/23 18:48	4000
Styrene	ND		4000	2900	ug/L			12/15/23 18:48	4000
Tetrachloroethene	ND		4000	1400	ug/L			12/15/23 18:48	4000
Toluene	ND		4000	2000	ug/L			12/15/23 18:48	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			12/15/23 18:48	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			12/15/23 18:48	4000
Trichloroethene	ND		4000	1800	ug/L			12/15/23 18:48	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			12/15/23 18:48	4000
Vinyl chloride	ND		4000	3600	ug/L			12/15/23 18:48	4000
Xylenes, Total	ND		8000	2600	ug/L			12/15/23 18:48	4000

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-215747-3

Date Collected: 12/14/23 10:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		12/15/23 18:48	4000
4-Bromofluorobenzene (Surr)	99		73 - 120		12/15/23 18:48	4000
Toluene-d8 (Surr)	99		80 - 120		12/15/23 18:48	4000
Dibromofluoromethane (Surr)	104		75 - 123		12/15/23 18:48	4000

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		100	9.6	ug/L		12/18/23 09:22	12/19/23 18:57	20
2,4,6-Trichlorophenol	ND		100	12	ug/L		12/18/23 09:22	12/19/23 18:57	20
2,4-Dichlorophenol	ND		100	10	ug/L		12/18/23 09:22	12/19/23 18:57	20
2,4-Dimethylphenol	ND		100	10	ug/L		12/18/23 09:22	12/19/23 18:57	20
2,4-Dinitrophenol	ND		200	44	ug/L		12/18/23 09:22	12/19/23 18:57	20
2,4-Dinitrotoluene	ND		100	8.9	ug/L		12/18/23 09:22	12/19/23 18:57	20
2,6-Dinitrotoluene	ND		100	8.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
2-Chloronaphthalene	ND		100	9.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
2-Chlorophenol	140		100	11	ug/L		12/18/23 09:22	12/19/23 18:57	20
2-Methylnaphthalene	ND		100	12	ug/L		12/18/23 09:22	12/19/23 18:57	20
2-Methylphenol	ND		100	8.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
2-Nitroaniline	ND		200	8.4	ug/L		12/18/23 09:22	12/19/23 18:57	20
2-Nitrophenol	ND		100	9.6	ug/L		12/18/23 09:22	12/19/23 18:57	20
3,3'-Dichlorobenzidine	ND		100	8.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
3-Nitroaniline	ND		200	9.6	ug/L		12/18/23 09:22	12/19/23 18:57	20
4,6-Dinitro-2-methylphenol	ND		200	44	ug/L		12/18/23 09:22	12/19/23 18:57	20
4-Bromophenyl phenyl ether	ND		100	9.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
4-Chloro-3-methylphenol	ND		100	9.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
4-Chloroaniline	ND		100	12	ug/L		12/18/23 09:22	12/19/23 18:57	20
4-Chlorophenyl phenyl ether	ND		100	7.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
4-Methylphenol	ND		200	7.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
4-Nitroaniline	ND		200	5.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
4-Nitrophenol	ND		200	30	ug/L		12/18/23 09:22	12/19/23 18:57	20
Acenaphthene	ND		100	8.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
Acenaphthylene	ND		100	7.6	ug/L		12/18/23 09:22	12/19/23 18:57	20
Acetophenone	ND		100	11	ug/L		12/18/23 09:22	12/19/23 18:57	20
Aniline	ND		200	12	ug/L		12/18/23 09:22	12/19/23 18:57	20
Anthracene	ND		100	5.6	ug/L		12/18/23 09:22	12/19/23 18:57	20
Atrazine	ND	*+	100	9.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
Benzaldehyde	ND		100	5.3	ug/L		12/18/23 09:22	12/19/23 18:57	20
Benzo(a)anthracene	ND		100	7.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
Benzo(a)pyrene	ND		100	9.4	ug/L		12/18/23 09:22	12/19/23 18:57	20
Benzo(b)fluoranthene	ND		100	6.8	ug/L		12/18/23 09:22	12/19/23 18:57	20
Benzo(g,h,i)perylene	ND		100	7.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
Benzo(k)fluoranthene	ND		100	15	ug/L		12/18/23 09:22	12/19/23 18:57	20
Biphenyl	ND		100	13	ug/L		12/18/23 09:22	12/19/23 18:57	20
bis (2-chloroisopropyl) ether	ND		100	10	ug/L		12/18/23 09:22	12/19/23 18:57	20
Bis(2-chloroethoxy)methane	ND		100	7.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
Bis(2-chloroethyl)ether	ND		100	8.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
Bis(2-ethylhexyl) phthalate	ND		100	44	ug/L		12/18/23 09:22	12/19/23 18:57	20
Butyl benzyl phthalate	ND		100	20	ug/L		12/18/23 09:22	12/19/23 18:57	20
Caprolactam	ND		100	44	ug/L		12/18/23 09:22	12/19/23 18:57	20
Carbazole	ND		100	6.0	ug/L		12/18/23 09:22	12/19/23 18:57	20

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-215747-3

Date Collected: 12/14/23 10:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		100	6.6	ug/L		12/18/23 09:22	12/19/23 18:57	20
Dibenz(a,h)anthracene	ND		100	8.4	ug/L		12/18/23 09:22	12/19/23 18:57	20
Dibenzofuran	ND		200	10	ug/L		12/18/23 09:22	12/19/23 18:57	20
Diethyl phthalate	ND	+	100	4.4	ug/L		12/18/23 09:22	12/19/23 18:57	20
Dimethyl phthalate	ND		100	7.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
Di-n-butyl phthalate	ND		100	6.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
Di-n-octyl phthalate	ND		100	9.4	ug/L		12/18/23 09:22	12/19/23 18:57	20
Fluoranthene	ND		100	8.0	ug/L		12/18/23 09:22	12/19/23 18:57	20
Fluorene	ND		100	7.2	ug/L		12/18/23 09:22	12/19/23 18:57	20
Hexachlorobenzene	ND		100	10	ug/L		12/18/23 09:22	12/19/23 18:57	20
Hexachlorobutadiene	ND		100	14	ug/L		12/18/23 09:22	12/19/23 18:57	20
Hexachlorocyclopentadiene	ND		100	12	ug/L		12/18/23 09:22	12/19/23 18:57	20
Hexachloroethane	ND		100	12	ug/L		12/18/23 09:22	12/19/23 18:57	20
Indeno(1,2,3-cd)pyrene	ND		100	9.4	ug/L		12/18/23 09:22	12/19/23 18:57	20
Isophorone	ND		100	8.6	ug/L		12/18/23 09:22	12/19/23 18:57	20
Naphthalene	ND		100	15	ug/L		12/18/23 09:22	12/19/23 18:57	20
Nitrobenzene	ND		100	5.8	ug/L		12/18/23 09:22	12/19/23 18:57	20
N-Nitrosodi-n-propylamine	ND		100	11	ug/L		12/18/23 09:22	12/19/23 18:57	20
N-Nitrosodiphenylamine	ND		100	10	ug/L		12/18/23 09:22	12/19/23 18:57	20
Pentachlorophenol	ND		200	44	ug/L		12/18/23 09:22	12/19/23 18:57	20
Phenanthrene	ND		100	8.8	ug/L		12/18/23 09:22	12/19/23 18:57	20
Phenol	ND		100	7.8	ug/L		12/18/23 09:22	12/19/23 18:57	20
Pyrene	ND		100	6.8	ug/L		12/18/23 09:22	12/19/23 18:57	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		41 - 120	12/18/23 09:22	12/19/23 18:57	20
2-Fluorobiphenyl	77		48 - 120	12/18/23 09:22	12/19/23 18:57	20
2-Fluorophenol	64		35 - 120	12/18/23 09:22	12/19/23 18:57	20
Nitrobenzene-d5	79		46 - 120	12/18/23 09:22	12/19/23 18:57	20
Phenol-d5	54		22 - 120	12/18/23 09:22	12/19/23 18:57	20
p-Terphenyl-d14	59	S1-	60 - 148	12/18/23 09:22	12/19/23 18:57	20

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/18/23 08:41	12/20/23 22:02	1
Antimony	ND		0.020	0.0068	mg/L		12/18/23 08:41	12/20/23 22:02	1
Arsenic	0.014	J	0.015	0.0056	mg/L		12/18/23 08:41	12/20/23 22:02	1
Barium	0.024		0.0020	0.00070	mg/L		12/18/23 08:41	12/20/23 22:02	1
Beryllium	ND		0.0020	0.00030	mg/L		12/18/23 08:41	12/20/23 22:02	1
Cadmium	ND		0.0020	0.00050	mg/L		12/18/23 08:41	12/20/23 22:02	1
Calcium	346		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 22:02	1
Chromium	0.0036	J	0.0040	0.0010	mg/L		12/18/23 08:41	12/20/23 22:02	1
Cobalt	0.0021	J	0.0040	0.00063	mg/L		12/18/23 08:41	12/20/23 22:02	1
Copper	0.0043	J	0.010	0.0016	mg/L		12/18/23 08:41	12/20/23 22:02	1
Iron	3.3		0.050	0.019	mg/L		12/18/23 08:41	12/20/23 22:02	1
Lead	ND		0.010	0.0030	mg/L		12/18/23 08:41	12/20/23 22:02	1
Magnesium	90.8		0.20	0.043	mg/L		12/18/23 08:41	12/20/23 22:02	1
Manganese	0.77		0.0030	0.00040	mg/L		12/18/23 08:41	12/20/23 22:02	1
Nickel	0.0056	J	0.010	0.0013	mg/L		12/18/23 08:41	12/20/23 22:02	1
Potassium	3.1		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 22:02	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-215747-3

Date Collected: 12/14/23 10:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/18/23 08:41	12/20/23 22:02	1
Silver	ND		0.0060	0.0017	mg/L		12/18/23 08:41	12/20/23 22:02	1
Sodium	138		1.0	0.32	mg/L		12/18/23 08:41	12/20/23 22:02	1
Thallium	ND		0.020	0.010	mg/L		12/18/23 08:41	12/20/23 22:02	1
Vanadium	ND		0.0050	0.0015	mg/L		12/18/23 08:41	12/20/23 22:02	1
Zinc	0.0086	J	0.010	0.0015	mg/L		12/18/23 08:41	12/20/23 22:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/18/23 11:27	12/18/23 15:05	1

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-215747-4

Date Collected: 12/14/23 09:10

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 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			12/15/23 22:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/23 22:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/23 22:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/23 22:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/23 22:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/23 22:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/23 22:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/23 22:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/23 22:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/23 22:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/23 22:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/23 22:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/23 22:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/23 22:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/23 22:14	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/23 22:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/23 22:14	1
Acetone	ND		10	3.0	ug/L			12/15/23 22:14	1
Benzene	ND		1.0	0.41	ug/L			12/15/23 22:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/23 22:14	1
Bromoform	ND		1.0	0.26	ug/L			12/15/23 22:14	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/23 22:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/23 22:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/23 22:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/23 22:14	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/23 22:14	1
Chloroform	ND		1.0	0.34	ug/L			12/15/23 22:14	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/23 22:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/23 22:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/23 22:14	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/23 22:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/23 22:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/15/23 22:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/23 22:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/23 22:14	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/23 22:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/23 22:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/23 22:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/23 22:14	1
Styrene	ND		1.0	0.73	ug/L			12/15/23 22:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/23 22:14	1
Toluene	ND		1.0	0.51	ug/L			12/15/23 22:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/23 22:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/23 22:14	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/23 22:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/23 22:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/23 22:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/23 22:14	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-215747-4

Date Collected: 12/14/23 09:10

Matrix: Ground Water

Date Received: 12/14/23 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		12/15/23 22:14	1
4-Bromofluorobenzene (Surr)	101		73 - 120		12/15/23 22:14	1
Toluene-d8 (Surr)	98		80 - 120		12/15/23 22:14	1
Dibromofluoromethane (Surr)	101		75 - 123		12/15/23 22:14	1

Method: SW846 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		12/18/23 09:22	12/19/23 17:06	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/18/23 09:22	12/19/23 17:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 17:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/18/23 09:22	12/19/23 17:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 17:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 17:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 17:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/18/23 09:22	12/19/23 17:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/18/23 09:22	12/19/23 17:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/18/23 09:22	12/19/23 17:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 17:06	1
2-Nitroaniline	ND		10	0.42	ug/L		12/18/23 09:22	12/19/23 17:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/18/23 09:22	12/19/23 17:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 17:06	1
3-Nitroaniline	ND		10	0.48	ug/L		12/18/23 09:22	12/19/23 17:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 17:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 17:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 17:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 17:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 17:06	1
4-Methylphenol	ND		10	0.36	ug/L		12/18/23 09:22	12/19/23 17:06	1
4-Nitroaniline	ND		10	0.25	ug/L		12/18/23 09:22	12/19/23 17:06	1
4-Nitrophenol	ND		10	1.5	ug/L		12/18/23 09:22	12/19/23 17:06	1
Acenaphthene	ND		5.0	0.41	ug/L		12/18/23 09:22	12/19/23 17:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/18/23 09:22	12/19/23 17:06	1
Acetophenone	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 17:06	1
Aniline	ND		10	0.61	ug/L		12/18/23 09:22	12/19/23 17:06	1
Anthracene	ND		5.0	0.28	ug/L		12/18/23 09:22	12/19/23 17:06	1
Atrazine	ND	*+	5.0	0.46	ug/L		12/18/23 09:22	12/19/23 17:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/18/23 09:22	12/19/23 17:06	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 17:06	1
Benzo(a)pyrene	ND	F2	5.0	0.47	ug/L		12/18/23 09:22	12/19/23 17:06	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 17:06	1
Benzo(g,h,i)perylene	ND	F2	5.0	0.35	ug/L		12/18/23 09:22	12/19/23 17:06	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/18/23 09:22	12/19/23 17:06	1
Biphenyl	ND		5.0	0.65	ug/L		12/18/23 09:22	12/19/23 17:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/18/23 09:22	12/19/23 17:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 17:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 17:06	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.0	2.2	ug/L		12/18/23 09:22	12/19/23 17:06	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/18/23 09:22	12/19/23 17:06	1
Caprolactam	ND		5.0	2.2	ug/L		12/18/23 09:22	12/19/23 17:06	1
Carbazole	ND		5.0	0.30	ug/L		12/18/23 09:22	12/19/23 17:06	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-215747-4

Date Collected: 12/14/23 09:10

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		12/18/23 09:22	12/19/23 17:06	1
Dibenz(a,h)anthracene	ND	F2	5.0	0.42	ug/L		12/18/23 09:22	12/19/23 17:06	1
Dibenzofuran	ND		10	0.51	ug/L		12/18/23 09:22	12/19/23 17:06	1
Diethyl phthalate	ND	*+	5.0	0.22	ug/L		12/18/23 09:22	12/19/23 17:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 17:06	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/18/23 09:22	12/19/23 17:06	1
Di-n-octyl phthalate	ND	F2	5.0	0.47	ug/L		12/18/23 09:22	12/19/23 17:06	1
Fluoranthene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 17:06	1
Fluorene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 17:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 17:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/18/23 09:22	12/19/23 17:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 17:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 17:06	1
Indeno(1,2,3-cd)pyrene	ND	F2	5.0	0.47	ug/L		12/18/23 09:22	12/19/23 17:06	1
Isophorone	ND		5.0	0.43	ug/L		12/18/23 09:22	12/19/23 17:06	1
Naphthalene	ND		5.0	0.76	ug/L		12/18/23 09:22	12/19/23 17:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/18/23 09:22	12/19/23 17:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 17:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 17:06	1
Pentachlorophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 17:06	1
Phenanthrene	ND		5.0	0.44	ug/L		12/18/23 09:22	12/19/23 17:06	1
Phenol	ND		5.0	0.39	ug/L		12/18/23 09:22	12/19/23 17:06	1
Pyrene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		41 - 120	12/18/23 09:22	12/19/23 17:06	1
2-Fluorobiphenyl	82		48 - 120	12/18/23 09:22	12/19/23 17:06	1
2-Fluorophenol	60		35 - 120	12/18/23 09:22	12/19/23 17:06	1
Nitrobenzene-d5	81		46 - 120	12/18/23 09:22	12/19/23 17:06	1
Phenol-d5	45		22 - 120	12/18/23 09:22	12/19/23 17:06	1
p-Terphenyl-d14	80		60 - 148	12/18/23 09:22	12/19/23 17:06	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/18/23 08:41	12/20/23 22:06	1
Antimony	ND		0.020	0.0068	mg/L		12/18/23 08:41	12/20/23 22:06	1
Arsenic	ND		0.015	0.0056	mg/L		12/18/23 08:41	12/20/23 22:06	1
Barium	0.034		0.0020	0.00070	mg/L		12/18/23 08:41	12/20/23 22:06	1
Beryllium	ND		0.0020	0.00030	mg/L		12/18/23 08:41	12/20/23 22:06	1
Cadmium	ND		0.0020	0.00050	mg/L		12/18/23 08:41	12/20/23 22:06	1
Calcium	88.8		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 22:06	1
Chromium	0.0024	J	0.0040	0.0010	mg/L		12/18/23 08:41	12/20/23 22:06	1
Cobalt	ND		0.0040	0.00063	mg/L		12/18/23 08:41	12/20/23 22:06	1
Copper	ND		0.010	0.0016	mg/L		12/18/23 08:41	12/20/23 22:06	1
Iron	0.096		0.050	0.019	mg/L		12/18/23 08:41	12/20/23 22:06	1
Lead	ND		0.010	0.0030	mg/L		12/18/23 08:41	12/20/23 22:06	1
Magnesium	13.6		0.20	0.043	mg/L		12/18/23 08:41	12/20/23 22:06	1
Manganese	0.094		0.0030	0.00040	mg/L		12/18/23 08:41	12/20/23 22:06	1
Nickel	0.0069	J	0.010	0.0013	mg/L		12/18/23 08:41	12/20/23 22:06	1
Potassium	0.86		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 22:06	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-215747-4

Date Collected: 12/14/23 09:10

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/18/23 08:41	12/20/23 22:06	1
Silver	0.0017	J	0.0060	0.0017	mg/L		12/18/23 08:41	12/20/23 22:06	1
Sodium	47.0		1.0	0.32	mg/L		12/18/23 08:41	12/20/23 22:06	1
Thallium	ND		0.020	0.010	mg/L		12/18/23 08:41	12/20/23 22:06	1
Vanadium	ND		0.0050	0.0015	mg/L		12/18/23 08:41	12/20/23 22:06	1
Zinc	0.0028	J	0.010	0.0015	mg/L		12/18/23 08:41	12/20/23 22:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/18/23 11:27	12/18/23 15:06	1

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-215747-5

Date Collected: 12/14/23 09:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 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			12/15/23 19:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/23 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/23 19:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/23 19:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/23 19:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/23 19:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/23 19:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/23 19:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/23 19:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/23 19:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/23 19:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/23 19:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/23 19:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/23 19:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/23 19:11	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/23 19:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/23 19:11	1
Acetone	ND		10	3.0	ug/L			12/15/23 19:11	1
Benzene	ND		1.0	0.41	ug/L			12/15/23 19:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/23 19:11	1
Bromoform	ND	*+	1.0	0.26	ug/L			12/15/23 19:11	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/23 19:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/23 19:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/23 19:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/23 19:11	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/23 19:11	1
Chloroform	ND		1.0	0.34	ug/L			12/15/23 19:11	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/23 19:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/23 19:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/23 19:11	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/23 19:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/23 19:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/15/23 19:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/23 19:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/23 19:11	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/23 19:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/23 19:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/23 19:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/23 19:11	1
Styrene	ND		1.0	0.73	ug/L			12/15/23 19:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/23 19:11	1
Toluene	ND		1.0	0.51	ug/L			12/15/23 19:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/23 19:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/23 19:11	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/23 19:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/23 19:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/23 19:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/23 19:11	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-215747-5

Date Collected: 12/14/23 09:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		12/15/23 19:11	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/15/23 19:11	1
Toluene-d8 (Surr)	101		80 - 120		12/15/23 19:11	1
Dibromofluoromethane (Surr)	99		75 - 123		12/15/23 19:11	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		12/18/23 09:22	12/19/23 19:24	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		12/18/23 09:22	12/19/23 19:24	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		12/18/23 09:22	12/19/23 19:24	5
2,4-Dinitrophenol	ND		50	11	ug/L		12/18/23 09:22	12/19/23 19:24	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		12/18/23 09:22	12/19/23 19:24	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
2-Chloronaphthalene	ND		25	2.3	ug/L		12/18/23 09:22	12/19/23 19:24	5
2-Chlorophenol	ND		25	2.7	ug/L		12/18/23 09:22	12/19/23 19:24	5
2-Methylnaphthalene	ND		25	3.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
2-Methylphenol	ND		25	2.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
2-Nitroaniline	ND		50	2.1	ug/L		12/18/23 09:22	12/19/23 19:24	5
2-Nitrophenol	ND		25	2.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
3-Nitroaniline	ND		50	2.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		12/18/23 09:22	12/19/23 19:24	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		12/18/23 09:22	12/19/23 19:24	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		12/18/23 09:22	12/19/23 19:24	5
4-Chloroaniline	ND		25	3.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
4-Methylphenol	ND		50	1.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
4-Nitroaniline	ND		50	1.3	ug/L		12/18/23 09:22	12/19/23 19:24	5
4-Nitrophenol	ND		50	7.6	ug/L		12/18/23 09:22	12/19/23 19:24	5
Acenaphthene	ND		25	2.1	ug/L		12/18/23 09:22	12/19/23 19:24	5
Acenaphthylene	ND		25	1.9	ug/L		12/18/23 09:22	12/19/23 19:24	5
Acetophenone	ND		25	2.7	ug/L		12/18/23 09:22	12/19/23 19:24	5
Aniline	ND		50	3.1	ug/L		12/18/23 09:22	12/19/23 19:24	5
Anthracene	ND		25	1.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
Atrazine	ND	*+	25	2.3	ug/L		12/18/23 09:22	12/19/23 19:24	5
Benzaldehyde	ND		25	1.3	ug/L		12/18/23 09:22	12/19/23 19:24	5
Benzo(a)anthracene	ND		25	1.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
Benzo(a)pyrene	ND		25	2.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		12/18/23 09:22	12/19/23 19:24	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		12/18/23 09:22	12/19/23 19:24	5
Biphenyl	ND		25	3.3	ug/L		12/18/23 09:22	12/19/23 19:24	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		12/18/23 09:22	12/19/23 19:24	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		12/18/23 09:22	12/19/23 19:24	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
Caprolactam	ND		25	11	ug/L		12/18/23 09:22	12/19/23 19:24	5
Carbazole	ND		25	1.5	ug/L		12/18/23 09:22	12/19/23 19:24	5

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-215747-5

Date Collected: 12/14/23 09:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		12/18/23 09:22	12/19/23 19:24	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		12/18/23 09:22	12/19/23 19:24	5
Dibenzofuran	ND		50	2.6	ug/L		12/18/23 09:22	12/19/23 19:24	5
Diethyl phthalate	ND	+	25	1.1	ug/L		12/18/23 09:22	12/19/23 19:24	5
Dimethyl phthalate	ND		25	1.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		12/18/23 09:22	12/19/23 19:24	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
Fluoranthene	ND		25	2.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
Fluorene	ND		25	1.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
Hexachlorobenzene	ND		25	2.6	ug/L		12/18/23 09:22	12/19/23 19:24	5
Hexachlorobutadiene	ND		25	3.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
Hexachloroethane	ND		25	3.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		12/18/23 09:22	12/19/23 19:24	5
Isophorone	ND		25	2.2	ug/L		12/18/23 09:22	12/19/23 19:24	5
Naphthalene	ND		25	3.8	ug/L		12/18/23 09:22	12/19/23 19:24	5
Nitrobenzene	ND		25	1.5	ug/L		12/18/23 09:22	12/19/23 19:24	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		12/18/23 09:22	12/19/23 19:24	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		12/18/23 09:22	12/19/23 19:24	5
Pentachlorophenol	ND		50	11	ug/L		12/18/23 09:22	12/19/23 19:24	5
Phenanthrene	ND		25	2.2	ug/L		12/18/23 09:22	12/19/23 19:24	5
Phenol	ND		25	2.0	ug/L		12/18/23 09:22	12/19/23 19:24	5
Pyrene	ND		25	1.7	ug/L		12/18/23 09:22	12/19/23 19:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		41 - 120	12/18/23 09:22	12/19/23 19:24	5
2-Fluorobiphenyl	88		48 - 120	12/18/23 09:22	12/19/23 19:24	5
2-Fluorophenol	56		35 - 120	12/18/23 09:22	12/19/23 19:24	5
Nitrobenzene-d5	76		46 - 120	12/18/23 09:22	12/19/23 19:24	5
Phenol-d5	42		22 - 120	12/18/23 09:22	12/19/23 19:24	5
p-Terphenyl-d14	71		60 - 148	12/18/23 09:22	12/19/23 19:24	5

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/18/23 08:41	12/21/23 15:35	1
Antimony	ND		0.020	0.0068	mg/L		12/18/23 08:41	12/20/23 22:33	1
Arsenic	ND		0.015	0.0056	mg/L		12/18/23 08:41	12/20/23 22:33	1
Barium	0.036		0.0020	0.00070	mg/L		12/18/23 08:41	12/20/23 22:33	1
Beryllium	ND		0.0020	0.00030	mg/L		12/18/23 08:41	12/20/23 22:33	1
Cadmium	ND		0.0020	0.00050	mg/L		12/18/23 08:41	12/20/23 22:33	1
Calcium	83.6		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 22:33	1
Chromium	0.0022	J	0.0040	0.0010	mg/L		12/18/23 08:41	12/20/23 22:33	1
Cobalt	ND		0.0040	0.00063	mg/L		12/18/23 08:41	12/20/23 22:33	1
Copper	0.0039	J	0.010	0.0016	mg/L		12/18/23 08:41	12/20/23 22:33	1
Iron	0.072		0.050	0.019	mg/L		12/18/23 08:41	12/20/23 22:33	1
Lead	ND		0.010	0.0030	mg/L		12/18/23 08:41	12/20/23 22:33	1
Magnesium	13.6		0.20	0.043	mg/L		12/18/23 08:41	12/20/23 22:33	1
Manganese	0.064		0.0030	0.00040	mg/L		12/18/23 08:41	12/20/23 22:33	1
Nickel	0.0071	J	0.010	0.0013	mg/L		12/18/23 08:41	12/20/23 22:33	1
Potassium	0.85		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 22:33	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-215747-5

Date Collected: 12/14/23 09:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/18/23 08:41	12/20/23 22:33	1
Silver	ND		0.0060	0.0017	mg/L		12/18/23 08:41	12/20/23 22:33	1
Sodium	46.8		1.0	0.32	mg/L		12/18/23 08:41	12/20/23 22:33	1
Thallium	ND		0.020	0.010	mg/L		12/18/23 08:41	12/20/23 22:33	1
Vanadium	ND		0.0050	0.0015	mg/L		12/18/23 08:41	12/20/23 22:33	1
Zinc	0.0027	J	0.010	0.0015	mg/L		12/18/23 08:41	12/20/23 22:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000057	J	0.00020	0.000043	mg/L		12/18/23 11:27	12/18/23 15:12	1

Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215747-6

Date Collected: 12/14/23 00:00

Matrix: Water

Date Received: 12/14/23 15:10

Method: SW846 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			12/15/23 19:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/23 19:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/23 19:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/23 19:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/23 19:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/23 19:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/23 19:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/23 19:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/23 19:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/23 19:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/23 19:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/23 19:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/23 19:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/23 19:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/23 19:34	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/23 19:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/23 19:34	1
Acetone	ND		10	3.0	ug/L			12/15/23 19:34	1
Benzene	ND		1.0	0.41	ug/L			12/15/23 19:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/23 19:34	1
Bromoform	ND	*+	1.0	0.26	ug/L			12/15/23 19:34	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/23 19:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/23 19:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/23 19:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/23 19:34	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/23 19:34	1
Chloroform	ND		1.0	0.34	ug/L			12/15/23 19:34	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/23 19:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/23 19:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/23 19:34	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/23 19:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/23 19:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/15/23 19:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/23 19:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/23 19:34	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/23 19:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/23 19:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/23 19:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/23 19:34	1
Styrene	ND		1.0	0.73	ug/L			12/15/23 19:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/23 19:34	1
Toluene	ND		1.0	0.51	ug/L			12/15/23 19:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/23 19:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/23 19:34	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/23 19:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/23 19:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/23 19:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/23 19:34	1

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Client Sample Results

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

Job ID: 480-215747-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215747-6

Date Collected: 12/14/23 00:00

Matrix: Water

Date Received: 12/14/23 15:10

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		12/15/23 19:34	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/15/23 19:34	1
Toluene-d8 (Surr)	99		80 - 120		12/15/23 19:34	1
Dibromofluoromethane (Surr)	99		75 - 123		12/15/23 19:34	1

Surrogate Summary

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

Job ID: 480-215747-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-215747-1	BCC Area E MW-E05	101	98	101	99
480-215747-2	BCC Area E RFI-29	104	96	97	102
480-215747-3	BCC Area E RFI-32A	101	99	99	104
480-215747-4	BCC Area E RFI-33	102	101	98	101
480-215747-4 MS	BCC Area E RFI-33 MS	101	100	99	103
480-215747-4 MSD	BCC Area E RFI-33 MSD	99	103	100	101
480-215747-5	BCC Area E RFI-33 D	100	99	101	99
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					
DBFM = Dibromofluoromethane (Surr)					

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-215747-6	TRIP BLANK	102	99	99	99
LCS 480-695541/6	Lab Control Sample	102	105	102	102
LCS 480-695621/6	Lab Control Sample	99	103	99	101
LCS 480-695721/6	Lab Control Sample	100	105	102	97
MB 480-695541/8	Method Blank	96	98	101	99
MB 480-695621/8	Method Blank	100	101	101	101
MB 480-695721/8	Method Blank	103	101	99	98
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					
DBFM = Dibromofluoromethane (Surr)					

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (41-120)	FBP (48-120)	2FP (35-120)	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)
480-215747-1	BCC Area E MW-E05	95	87	60	82	44	76
480-215747-2	BCC Area E RFI-29	92	87	62	80	48	71
480-215747-3	BCC Area E RFI-32A	104	77	64	79	54	59 S1-
480-215747-4	BCC Area E RFI-33	92	82	60	81	45	80
480-215747-4 MS	BCC Area E RFI-33 MS	80	72	53	74	43	59 S1-
480-215747-4 MSD	BCC Area E RFI-33 MSD	89	76	51	78	43	70
480-215747-5	BCC Area E RFI-33 D	66	88	56	76	42	71
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Job ID: 480-215747-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (41-120)	FBP (48-120)	2FP (35-120)	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)
LCS 480-695735/2-A	Lab Control Sample	120	104	74	103	61	115
MB 480-695735/1-A	Method Blank	75	101	71	93	53	106

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: MB 480-695541/8

Matrix: Water

Analysis Batch: 695541

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			12/15/23 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/23 12:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/23 12:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/23 12:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/23 12:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/23 12:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/23 12:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/23 12:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/23 12:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/23 12:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/23 12:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/23 12:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/23 12:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/23 12:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/23 12:40	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/23 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/23 12:40	1
Acetone	ND		10	3.0	ug/L			12/15/23 12:40	1
Benzene	ND		1.0	0.41	ug/L			12/15/23 12:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/23 12:40	1
Bromoform	ND		1.0	0.26	ug/L			12/15/23 12:40	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/23 12:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/23 12:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/23 12:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/23 12:40	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/23 12:40	1
Chloroform	ND		1.0	0.34	ug/L			12/15/23 12:40	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/23 12:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/23 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/23 12:40	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/23 12:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/23 12:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/15/23 12:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/23 12:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/23 12:40	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/23 12:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/23 12:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/23 12:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/23 12:40	1
Styrene	ND		1.0	0.73	ug/L			12/15/23 12:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/23 12:40	1
Toluene	ND		1.0	0.51	ug/L			12/15/23 12:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/23 12:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/23 12:40	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/23 12:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/23 12:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/23 12:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/23 12:40	1

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: MB 480-695541/8

Matrix: Water

Analysis Batch: 695541

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		77 - 120		12/15/23 12:40	1
4-Bromofluorobenzene (Surr)	98		73 - 120		12/15/23 12:40	1
Toluene-d8 (Surr)	101		80 - 120		12/15/23 12:40	1
Dibromofluoromethane (Surr)	99		75 - 123		12/15/23 12:40	1

Lab Sample ID: LCS 480-695541/6

Matrix: Water

Analysis Batch: 695541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.2		ug/L		109	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	25.4		ug/L		101	76 - 120
1,1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.7		ug/L		103	61 - 148
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	25.4		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	26.6		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 120
2-Butanone (MEK)	125	152		ug/L		121	57 - 140
2-Hexanone	125	142		ug/L		113	65 - 127
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		102	71 - 125
Acetone	125	165		ug/L		132	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	26.6		ug/L		106	80 - 122
Bromoform	25.0	33.8	*+	ug/L		135	61 - 132
Bromomethane	25.0	25.9		ug/L		104	55 - 144
Carbon disulfide	25.0	23.3		ug/L		93	59 - 134
Carbon tetrachloride	25.0	28.8		ug/L		115	72 - 134
Chlorobenzene	25.0	25.7		ug/L		103	80 - 120
Chloroethane	25.0	25.9		ug/L		103	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	30.9		ug/L		124	68 - 124
cis-1,2-Dichloroethene	25.0	24.4		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	26.3		ug/L		105	74 - 124
Cyclohexane	25.0	25.3		ug/L		101	59 - 135
Dibromochloromethane	25.0	28.0		ug/L		112	75 - 125
Dichlorodifluoromethane	25.0	31.8		ug/L		127	59 - 135
Ethylbenzene	25.0	26.0		ug/L		104	77 - 123
Isopropylbenzene	25.0	25.6		ug/L		102	77 - 122
Methyl acetate	50.0	54.3		ug/L		109	74 - 133
Methyl tert-butyl ether	25.0	23.7		ug/L		95	77 - 120
Methylcyclohexane	25.0	24.7		ug/L		99	68 - 134

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: LCS 480-695541/6

Matrix: Water

Analysis Batch: 695541

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	23.5		ug/L		94	75 - 124
Styrene	25.0	27.1		ug/L		108	80 - 120
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	25.4		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	24.9		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	80 - 120
Trichloroethene	25.0	25.4		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	26.3		ug/L		105	62 - 150
Vinyl chloride	25.0	30.4		ug/L		122	65 - 133
Xylenes, Total	50.0	51.5		ug/L		103	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: MB 480-695621/8

Matrix: Water

Analysis Batch: 695621

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			12/15/23 17:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/23 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/23 17:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/23 17:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/23 17:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/23 17:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/23 17:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/23 17:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/23 17:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/23 17:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/23 17:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/23 17:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/23 17:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/23 17:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/23 17:27	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/23 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/23 17:27	1
Acetone	ND		10	3.0	ug/L			12/15/23 17:27	1
Benzene	ND		1.0	0.41	ug/L			12/15/23 17:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/23 17:27	1
Bromoform	ND		1.0	0.26	ug/L			12/15/23 17:27	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/23 17:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/23 17:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/23 17:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/23 17:27	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/23 17:27	1

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: MB 480-695621/8

Matrix: Water

Analysis Batch: 695621

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			12/15/23 17:27	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/23 17:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/23 17:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/23 17:27	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/23 17:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/23 17:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/15/23 17:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/23 17:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/23 17:27	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/23 17:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/23 17:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/23 17:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/23 17:27	1
Styrene	ND		1.0	0.73	ug/L			12/15/23 17:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/23 17:27	1
Toluene	ND		1.0	0.51	ug/L			12/15/23 17:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/23 17:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/23 17:27	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/23 17:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/23 17:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/23 17:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/23 17:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		12/15/23 17:27	1
4-Bromofluorobenzene (Surr)	101		73 - 120		12/15/23 17:27	1
Toluene-d8 (Surr)	101		80 - 120		12/15/23 17:27	1
Dibromofluoromethane (Surr)	101		75 - 123		12/15/23 17:27	1

Lab Sample ID: LCS 480-695621/6

Matrix: Water

Analysis Batch: 695621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.8		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	24.1		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	25.2		ug/L		101	66 - 127
1,2,4-Trichlorobenzene	25.0	25.2		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.0		ug/L		104	56 - 134
1,2-Dibromoethane	25.0	25.8		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	24.2		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: LCS 480-695621/6

Matrix: Water

Analysis Batch: 695621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	125	122		ug/L		98	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		101	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	24.4		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.5		ug/L		102	80 - 122
Bromoform	25.0	27.9		ug/L		112	61 - 132
Bromomethane	25.0	21.0		ug/L		84	55 - 144
Carbon disulfide	25.0	23.9		ug/L		96	59 - 134
Carbon tetrachloride	25.0	26.8		ug/L		107	72 - 134
Chlorobenzene	25.0	24.6		ug/L		99	80 - 120
Chloroethane	25.0	22.6		ug/L		90	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	19.9		ug/L		80	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	74 - 124
Cyclohexane	25.0	24.6		ug/L		98	59 - 135
Dibromochloromethane	25.0	26.6		ug/L		106	75 - 125
Dichlorodifluoromethane	25.0	21.8		ug/L		87	59 - 135
Ethylbenzene	25.0	25.6		ug/L		102	77 - 123
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	49.5		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	22.5		ug/L		90	77 - 120
Methylcyclohexane	25.0	25.7		ug/L		103	68 - 134
Methylene Chloride	25.0	22.8		ug/L		91	75 - 124
Styrene	25.0	26.1		ug/L		105	80 - 120
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	25.4		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	26.9		ug/L		108	62 - 150
Vinyl chloride	25.0	24.8		ug/L		99	65 - 133
Xylenes, Total	50.0	52.1		ug/L		104	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: 480-215747-4 MS

Matrix: Ground Water

Analysis Batch: 695621

Client Sample ID: BCC Area E RFI-33 MS

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	29.7		ug/L		119	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.7		ug/L		111	76 - 120

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-4 MS

Matrix: Ground Water

Analysis Batch: 695621

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.3		ug/L		101	61 - 148
1,1,2-Trichloroethane	ND		25.0	27.7		ug/L		111	76 - 122
1,1-Dichloroethane	ND		25.0	28.0		ug/L		112	77 - 120
1,1-Dichloroethene	ND		25.0	27.5		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	29.3		ug/L		117	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	29.8		ug/L		119	56 - 134
1,2-Dibromoethane	ND		25.0	28.2		ug/L		113	77 - 120
1,2-Dichlorobenzene	ND		25.0	27.9		ug/L		112	80 - 124
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	75 - 120
1,2-Dichloropropane	ND		25.0	27.0		ug/L		108	76 - 120
1,3-Dichlorobenzene	ND		25.0	28.0		ug/L		112	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.3		ug/L		109	78 - 124
2-Butanone (MEK)	ND		125	130		ug/L		104	57 - 140
2-Hexanone	ND		125	133		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	137		ug/L		109	71 - 125
Acetone	ND		125	140		ug/L		112	56 - 142
Benzene	ND		25.0	27.4		ug/L		110	71 - 124
Bromodichloromethane	ND		25.0	28.8		ug/L		115	80 - 122
Bromoform	ND		25.0	28.9		ug/L		116	61 - 132
Bromomethane	ND		25.0	24.2		ug/L		97	55 - 144
Carbon disulfide	ND		25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	ND		25.0	31.2		ug/L		125	72 - 134
Chlorobenzene	ND		25.0	27.5		ug/L		110	80 - 120
Chloroethane	ND		25.0	29.1		ug/L		117	69 - 136
Chloroform	ND		25.0	27.4		ug/L		109	73 - 127
Chloromethane	ND		25.0	22.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.9		ug/L		116	74 - 124
cis-1,3-Dichloropropene	ND		25.0	28.3		ug/L		113	74 - 124
Cyclohexane	ND		25.0	26.8		ug/L		107	59 - 135
Dibromochloromethane	ND		25.0	29.0		ug/L		116	75 - 125
Dichlorodifluoromethane	ND		25.0	22.7		ug/L		91	59 - 135
Ethylbenzene	ND		25.0	28.3		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	29.9		ug/L		119	77 - 122
Methyl acetate	ND		50.0	65.3		ug/L		131	74 - 133
Methyl tert-butyl ether	ND		25.0	24.8		ug/L		99	77 - 120
Methylcyclohexane	ND		25.0	27.7		ug/L		111	68 - 134
Methylene Chloride	ND		25.0	27.1		ug/L		108	75 - 124
Styrene	ND		25.0	28.8		ug/L		115	80 - 120
Tetrachloroethene	ND		25.0	29.2		ug/L		117	74 - 122
Toluene	ND		25.0	27.4		ug/L		109	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.1		ug/L		120	73 - 127
trans-1,3-Dichloropropene	ND		25.0	29.4		ug/L		118	80 - 120
Trichloroethene	ND		25.0	29.2		ug/L		117	74 - 123
Trichlorofluoromethane	ND		25.0	31.5		ug/L		126	62 - 150
Vinyl chloride	ND		25.0	31.9		ug/L		127	65 - 133
Xylenes, Total	ND		50.0	58.0		ug/L		116	76 - 122

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-4 MS

Matrix: Ground Water

Analysis Batch: 695621

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: 480-215747-4 MSD

Matrix: Ground Water

Analysis Batch: 695621

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	27.5		ug/L		110	73 - 126	8	15
1,1,1,2,2-Tetrachloroethane	ND		25.0	25.8		ug/L		103	76 - 120	7	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.2		ug/L		93	61 - 148	9	20
1,1,2-Trichloroethane	ND		25.0	27.0		ug/L		108	76 - 122	3	15
1,1-Dichloroethane	ND		25.0	26.2		ug/L		105	77 - 120	7	20
1,1-Dichloroethene	ND		25.0	27.9		ug/L		112	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	27.4		ug/L		109	79 - 122	7	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.9		ug/L		112	56 - 134	7	15
1,2-Dibromoethane	ND		25.0	27.9		ug/L		112	77 - 120	1	15
1,2-Dichlorobenzene	ND		25.0	26.7		ug/L		107	80 - 124	4	20
1,2-Dichloroethane	ND		25.0	26.4		ug/L		106	75 - 120	5	20
1,2-Dichloropropane	ND		25.0	25.9		ug/L		104	76 - 120	4	20
1,3-Dichlorobenzene	ND		25.0	26.9		ug/L		108	77 - 120	4	20
1,4-Dichlorobenzene	ND		25.0	26.3		ug/L		105	78 - 124	4	20
2-Butanone (MEK)	ND		125	123		ug/L		99	57 - 140	6	20
2-Hexanone	ND		125	136		ug/L		108	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	136		ug/L		109	71 - 125	1	35
Acetone	ND		125	131		ug/L		105	56 - 142	7	15
Benzene	ND		25.0	26.5		ug/L		106	71 - 124	3	13
Bromodichloromethane	ND		25.0	27.8		ug/L		111	80 - 122	4	15
Bromoform	ND		25.0	28.6		ug/L		115	61 - 132	1	15
Bromomethane	ND		25.0	21.9		ug/L		87	55 - 144	10	15
Carbon disulfide	ND		25.0	25.6		ug/L		102	59 - 134	0	15
Carbon tetrachloride	ND		25.0	29.3		ug/L		117	72 - 134	6	15
Chlorobenzene	ND		25.0	26.6		ug/L		107	80 - 120	3	25
Chloroethane	ND		25.0	26.4		ug/L		105	69 - 136	10	15
Chloroform	ND		25.0	26.1		ug/L		104	73 - 127	5	20
Chloromethane	ND		25.0	19.7		ug/L		79	68 - 124	14	15
cis-1,2-Dichloroethene	ND		25.0	27.6		ug/L		111	74 - 124	4	15
cis-1,3-Dichloropropene	ND		25.0	27.4		ug/L		110	74 - 124	3	15
Cyclohexane	ND		25.0	25.7		ug/L		103	59 - 135	4	20
Dibromochloromethane	ND		25.0	28.2		ug/L		113	75 - 125	3	15
Dichlorodifluoromethane	ND		25.0	22.9		ug/L		92	59 - 135	1	20
Ethylbenzene	ND		25.0	27.4		ug/L		110	77 - 123	3	15
Isopropylbenzene	ND		25.0	27.7		ug/L		111	77 - 122	8	20
Methyl acetate	ND		50.0	61.0		ug/L		122	74 - 133	7	20
Methyl tert-butyl ether	ND		25.0	23.4		ug/L		94	77 - 120	6	37
Methylcyclohexane	ND		25.0	26.1		ug/L		105	68 - 134	6	20

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-4 MSD

Matrix: Ground Water

Analysis Batch: 695621

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride	ND		25.0	25.7		ug/L		103	75 - 124	5	15
Styrene	ND		25.0	29.1		ug/L		116	80 - 120	1	20
Tetrachloroethene	ND		25.0	27.9		ug/L		112	74 - 122	4	20
Toluene	ND		25.0	26.9		ug/L		108	80 - 122	2	15
trans-1,2-Dichloroethene	ND		25.0	27.0		ug/L		108	73 - 127	11	20
trans-1,3-Dichloropropene	ND		25.0	28.6		ug/L		114	80 - 120	3	15
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123	5	16
Trichlorofluoromethane	ND		25.0	29.7		ug/L		119	62 - 150	6	20
Vinyl chloride	ND		25.0	29.4		ug/L		118	65 - 133	8	15
Xylenes, Total	ND		50.0	56.5		ug/L		113	76 - 122	3	16
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	99		77 - 120								
4-Bromofluorobenzene (Surr)	103		73 - 120								
Toluene-d8 (Surr)	100		80 - 120								
Dibromofluoromethane (Surr)	101		75 - 123								

Lab Sample ID: MB 480-695721/8

Matrix: Water

Analysis Batch: 695721

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			12/18/23 13:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/23 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/23 13:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/23 13:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/23 13:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/23 13:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/23 13:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/23 13:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/23 13:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/23 13:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/23 13:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/23 13:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/23 13:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/23 13:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/23 13:16	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/23 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/23 13:16	1
Acetone	ND		10	3.0	ug/L			12/18/23 13:16	1
Benzene	ND		1.0	0.41	ug/L			12/18/23 13:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/23 13:16	1
Bromoform	ND		1.0	0.26	ug/L			12/18/23 13:16	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/23 13:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/23 13:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/23 13:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/23 13:16	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/23 13:16	1

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: MB 480-695721/8

Matrix: Water

Analysis Batch: 695721

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			12/18/23 13:16	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/23 13:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/23 13:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/23 13:16	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/23 13:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/23 13:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/23 13:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/23 13:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/23 13:16	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/23 13:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/23 13:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/23 13:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/23 13:16	1
Styrene	ND		1.0	0.73	ug/L			12/18/23 13:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/23 13:16	1
Toluene	ND		1.0	0.51	ug/L			12/18/23 13:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/23 13:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/23 13:16	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/23 13:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/23 13:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/23 13:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/23 13:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		12/18/23 13:16	1
4-Bromofluorobenzene (Surr)	101		73 - 120		12/18/23 13:16	1
Toluene-d8 (Surr)	99		80 - 120		12/18/23 13:16	1
Dibromofluoromethane (Surr)	98		75 - 123		12/18/23 13:16	1

Lab Sample ID: LCS 480-695721/6

Matrix: Water

Analysis Batch: 695721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.7		ug/L		107	73 - 126
1,1,1,2-Tetrachloroethane	25.0	24.5		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.2		ug/L		101	61 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.8		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	25.3		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	23.4		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	23.9		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	25.4		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 120

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: LCS 480-695721/6

Matrix: Water

Analysis Batch: 695721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	125	142		ug/L		114	57 - 140
2-Hexanone	125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		99	71 - 125
Acetone	125	163		ug/L		130	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122
Bromoform	25.0	32.0		ug/L		128	61 - 132
Bromomethane	25.0	26.5		ug/L		106	55 - 144
Carbon disulfide	25.0	23.3		ug/L		93	59 - 134
Carbon tetrachloride	25.0	28.5		ug/L		114	72 - 134
Chlorobenzene	25.0	25.4		ug/L		102	80 - 120
Chloroethane	25.0	26.2		ug/L		105	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	27.9		ug/L		112	68 - 124
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	74 - 124
Cyclohexane	25.0	25.0		ug/L		100	59 - 135
Dibromochloromethane	25.0	27.6		ug/L		110	75 - 125
Dichlorodifluoromethane	25.0	31.6		ug/L		126	59 - 135
Ethylbenzene	25.0	25.4		ug/L		101	77 - 123
Isopropylbenzene	25.0	25.9		ug/L		104	77 - 122
Methyl acetate	50.0	51.1		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	22.4		ug/L		90	77 - 120
Methylcyclohexane	25.0	24.3		ug/L		97	68 - 134
Methylene Chloride	25.0	23.6		ug/L		94	75 - 124
Styrene	25.0	26.9		ug/L		107	80 - 120
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	80 - 120
Trichloroethene	25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 150
Vinyl chloride	25.0	30.7		ug/L		123	65 - 133
Xylenes, Total	50.0	50.5		ug/L		101	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	97		75 - 123

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

Lab Sample ID: MB 480-695735/1-A

Matrix: Water

Analysis Batch: 695896

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 695735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		12/18/23 09:22	12/19/23 14:20	1

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: MB 480-695735/1-A

Matrix: Water

Analysis Batch: 695896

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 695735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/18/23 09:22	12/19/23 14:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 14:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/18/23 09:22	12/19/23 14:20	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 14:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 14:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 14:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/18/23 09:22	12/19/23 14:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/18/23 09:22	12/19/23 14:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/18/23 09:22	12/19/23 14:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 14:20	1
2-Nitroaniline	ND		10	0.42	ug/L		12/18/23 09:22	12/19/23 14:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/18/23 09:22	12/19/23 14:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 14:20	1
3-Nitroaniline	ND		10	0.48	ug/L		12/18/23 09:22	12/19/23 14:20	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 14:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 14:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/18/23 09:22	12/19/23 14:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 14:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 14:20	1
4-Methylphenol	ND		10	0.36	ug/L		12/18/23 09:22	12/19/23 14:20	1
4-Nitroaniline	ND		10	0.25	ug/L		12/18/23 09:22	12/19/23 14:20	1
4-Nitrophenol	ND		10	1.5	ug/L		12/18/23 09:22	12/19/23 14:20	1
Acenaphthene	ND		5.0	0.41	ug/L		12/18/23 09:22	12/19/23 14:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/18/23 09:22	12/19/23 14:20	1
Acetophenone	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 14:20	1
Aniline	ND		10	0.61	ug/L		12/18/23 09:22	12/19/23 14:20	1
Anthracene	ND		5.0	0.28	ug/L		12/18/23 09:22	12/19/23 14:20	1
Atrazine	ND		5.0	0.46	ug/L		12/18/23 09:22	12/19/23 14:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/18/23 09:22	12/19/23 14:20	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 14:20	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 14:20	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 14:20	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 14:20	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/18/23 09:22	12/19/23 14:20	1
Biphenyl	ND		5.0	0.65	ug/L		12/18/23 09:22	12/19/23 14:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/18/23 09:22	12/19/23 14:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/18/23 09:22	12/19/23 14:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 14:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		12/18/23 09:22	12/19/23 14:20	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/18/23 09:22	12/19/23 14:20	1
Caprolactam	ND		5.0	2.2	ug/L		12/18/23 09:22	12/19/23 14:20	1
Carbazole	ND		5.0	0.30	ug/L		12/18/23 09:22	12/19/23 14:20	1
Chrysene	ND		5.0	0.33	ug/L		12/18/23 09:22	12/19/23 14:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		12/18/23 09:22	12/19/23 14:20	1
Dibenzofuran	ND		10	0.51	ug/L		12/18/23 09:22	12/19/23 14:20	1
Diethyl phthalate	ND		5.0	0.22	ug/L		12/18/23 09:22	12/19/23 14:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 14:20	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/18/23 09:22	12/19/23 14:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 14:20	1

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: MB 480-695735/1-A

Matrix: Water

Analysis Batch: 695896

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 695735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		12/18/23 09:22	12/19/23 14:20	1
Fluorene	ND		5.0	0.36	ug/L		12/18/23 09:22	12/19/23 14:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 14:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/18/23 09:22	12/19/23 14:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 14:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/18/23 09:22	12/19/23 14:20	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		12/18/23 09:22	12/19/23 14:20	1
Isophorone	ND		5.0	0.43	ug/L		12/18/23 09:22	12/19/23 14:20	1
Naphthalene	ND		5.0	0.76	ug/L		12/18/23 09:22	12/19/23 14:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/18/23 09:22	12/19/23 14:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/18/23 09:22	12/19/23 14:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/18/23 09:22	12/19/23 14:20	1
Pentachlorophenol	ND		10	2.2	ug/L		12/18/23 09:22	12/19/23 14:20	1
Phenanthrene	ND		5.0	0.44	ug/L		12/18/23 09:22	12/19/23 14:20	1
Phenol	ND		5.0	0.39	ug/L		12/18/23 09:22	12/19/23 14:20	1
Pyrene	ND		5.0	0.34	ug/L		12/18/23 09:22	12/19/23 14:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		41 - 120	12/18/23 09:22	12/19/23 14:20	1
2-Fluorobiphenyl	101		48 - 120	12/18/23 09:22	12/19/23 14:20	1
2-Fluorophenol	71		35 - 120	12/18/23 09:22	12/19/23 14:20	1
Nitrobenzene-d5	93		46 - 120	12/18/23 09:22	12/19/23 14:20	1
Phenol-d5	53		22 - 120	12/18/23 09:22	12/19/23 14:20	1
p-Terphenyl-d14	106		60 - 148	12/18/23 09:22	12/19/23 14:20	1

Lab Sample ID: LCS 480-695735/2-A

Matrix: Water

Analysis Batch: 695896

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 695735

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	32.0	34.5		ug/L		108	65 - 126
2,4,6-Trichlorophenol	32.0	33.8		ug/L		106	64 - 120
2,4-Dichlorophenol	32.0	32.7		ug/L		102	63 - 120
2,4-Dimethylphenol	32.0	26.5		ug/L		83	47 - 120
2,4-Dinitrophenol	64.0	67.9		ug/L		106	31 - 137
2,4-Dinitrotoluene	32.0	38.5		ug/L		120	69 - 120
2,6-Dinitrotoluene	32.0	37.3		ug/L		117	68 - 120
2-Chloronaphthalene	32.0	31.4		ug/L		98	58 - 120
2-Chlorophenol	32.0	30.3		ug/L		95	48 - 120
2-Methylnaphthalene	32.0	30.9		ug/L		97	59 - 120
2-Methylphenol	32.0	27.3		ug/L		85	39 - 120
2-Nitroaniline	32.0	36.5		ug/L		114	54 - 127
2-Nitrophenol	32.0	31.6		ug/L		99	52 - 125
3,3'-Dichlorobenzidine	64.0	71.9		ug/L		112	49 - 135
3-Nitroaniline	32.0	28.0		ug/L		87	51 - 120
4,6-Dinitro-2-methylphenol	64.0	78.7		ug/L		123	46 - 136
4-Bromophenyl phenyl ether	32.0	35.5		ug/L		111	65 - 120
4-Chloro-3-methylphenol	32.0	35.0		ug/L		109	61 - 123

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: LCS 480-695735/2-A

Matrix: Water

Analysis Batch: 695896

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 695735

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloroaniline	32.0	26.8		ug/L		84	30 - 120
4-Chlorophenyl phenyl ether	32.0	34.2		ug/L		107	62 - 120
4-Methylphenol	32.0	28.5		ug/L		89	29 - 131
4-Nitroaniline	32.0	35.3		ug/L		110	65 - 120
4-Nitrophenol	64.0	75.3		ug/L		118	45 - 120
Acenaphthene	32.0	34.1		ug/L		107	60 - 120
Acenaphthylene	32.0	31.6		ug/L		99	63 - 120
Acetophenone	32.0	33.3		ug/L		104	45 - 120
Aniline	32.0	18.5		ug/L		58	12 - 120
Anthracene	32.0	34.6		ug/L		108	67 - 120
Atrazine	64.0	94.8	*+	ug/L		148	71 - 130
Benzaldehyde	64.0	59.1		ug/L		92	10 - 140
Benzo(a)anthracene	32.0	35.7		ug/L		112	70 - 121
Benzo(a)pyrene	32.0	37.2		ug/L		116	60 - 123
Benzo(b)fluoranthene	32.0	36.5		ug/L		114	66 - 126
Benzo(g,h,i)perylene	32.0	35.9		ug/L		112	66 - 150
Benzo(k)fluoranthene	32.0	35.0		ug/L		109	65 - 124
Biphenyl	32.0	32.2		ug/L		101	59 - 120
bis (2-chloroisopropyl) ether	32.0	26.1		ug/L		82	21 - 136
Bis(2-chloroethoxy)methane	32.0	30.5		ug/L		95	50 - 128
Bis(2-chloroethyl)ether	32.0	29.0		ug/L		91	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	37.4		ug/L		117	63 - 139
Butyl benzyl phthalate	32.0	38.9		ug/L		121	70 - 129
Caprolactam	64.0	25.9		ug/L		41	22 - 120
Carbazole	32.0	36.9		ug/L		115	66 - 123
Chrysene	32.0	35.9		ug/L		112	69 - 120
Dibenz(a,h)anthracene	32.0	36.5		ug/L		114	65 - 135
Dibenzofuran	32.0	33.5		ug/L		105	66 - 120
Diethyl phthalate	32.0	41.5	*+	ug/L		130	59 - 127
Dimethyl phthalate	32.0	38.3		ug/L		120	68 - 120
Di-n-butyl phthalate	32.0	39.1		ug/L		122	69 - 131
Di-n-octyl phthalate	32.0	37.2		ug/L		116	63 - 140
Fluoranthene	32.0	36.7		ug/L		115	69 - 126
Fluorene	32.0	34.8		ug/L		109	66 - 120
Hexachlorobenzene	32.0	38.0		ug/L		119	61 - 120
Hexachlorobutadiene	32.0	29.8		ug/L		93	35 - 120
Hexachlorocyclopentadiene	32.0	12.4		ug/L		39	31 - 120
Hexachloroethane	32.0	27.8		ug/L		87	33 - 120
Indeno(1,2,3-cd)pyrene	32.0	39.7		ug/L		124	69 - 146
Isophorone	32.0	32.0		ug/L		100	55 - 120
Naphthalene	32.0	29.5		ug/L		92	57 - 120
Nitrobenzene	32.0	32.8		ug/L		103	53 - 123
N-Nitrosodi-n-propylamine	32.0	32.1		ug/L		100	32 - 140
N-Nitrosodiphenylamine	32.0	34.9		ug/L		109	61 - 120
Pentachlorophenol	64.0	59.3		ug/L		93	10 - 136
Phenanthrene	32.0	35.6		ug/L		111	68 - 120
Phenol	32.0	18.9		ug/L		59	17 - 120
Pyrene	32.0	35.8		ug/L		112	70 - 125

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: LCS 480-695735/2-A

Matrix: Water

Analysis Batch: 695896

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 695735

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	120		41 - 120
2-Fluorobiphenyl	104		48 - 120
2-Fluorophenol	74		35 - 120
Nitrobenzene-d5	103		46 - 120
Phenol-d5	61		22 - 120
p-Terphenyl-d14	115		60 - 148

Lab Sample ID: 480-215747-4 MS

Matrix: Ground Water

Analysis Batch: 695896

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Prep Batch: 695735

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
2,4,5-Trichlorophenol	ND		32.0	23.7		ug/L		74	65 - 126	
2,4,6-Trichlorophenol	ND		32.0	24.2		ug/L		76	64 - 120	
2,4-Dichlorophenol	ND		32.0	22.4		ug/L		70	48 - 132	
2,4-Dimethylphenol	ND		32.0	18.2		ug/L		57	39 - 130	
2,4-Dinitrophenol	ND		64.0	46.1		ug/L		72	21 - 150	
2,4-Dinitrotoluene	ND		32.0	25.5		ug/L		80	54 - 138	
2,6-Dinitrotoluene	ND		32.0	25.2		ug/L		79	17 - 150	
2-Chloronaphthalene	ND		32.0	22.4		ug/L		70	52 - 124	
2-Chlorophenol	ND		32.0	21.5		ug/L		67	48 - 120	
2-Methylnaphthalene	ND		32.0	21.5		ug/L		67	34 - 140	
2-Methylphenol	ND		32.0	19.7		ug/L		62	46 - 120	
2-Nitroaniline	ND		32.0	24.5		ug/L		76	44 - 136	
2-Nitrophenol	ND		32.0	21.8		ug/L		68	38 - 141	
3,3'-Dichlorobenzidine	ND		64.0	44.6		ug/L		70	10 - 150	
3-Nitroaniline	ND		32.0	18.9		ug/L		59	32 - 150	
4,6-Dinitro-2-methylphenol	ND		64.0	53.7		ug/L		84	38 - 150	
4-Bromophenyl phenyl ether	ND		32.0	22.8		ug/L		71	63 - 126	
4-Chloro-3-methylphenol	ND		32.0	23.6		ug/L		74	64 - 127	
4-Chloroaniline	ND		32.0	18.0		ug/L		56	16 - 124	
4-Chlorophenyl phenyl ether	ND		32.0	23.0		ug/L		72	61 - 120	
4-Methylphenol	ND		32.0	20.3		ug/L		63	36 - 120	
4-Nitroaniline	ND		32.0	23.0		ug/L		72	32 - 150	
4-Nitrophenol	ND		64.0	52.1		ug/L		81	23 - 132	
Acenaphthene	ND		32.0	23.6		ug/L		74	48 - 120	
Acenaphthylene	ND		32.0	22.3		ug/L		70	63 - 120	
Acetophenone	ND		32.0	23.0		ug/L		72	53 - 120	
Aniline	ND		32.0	14.3		ug/L		45	32 - 120	
Anthracene	ND		32.0	23.1		ug/L		72	65 - 122	
Atrazine	ND	*+	64.0	61.7		ug/L		96	50 - 150	
Benzaldehyde	ND		64.0	42.6		ug/L		67	10 - 150	
Benzo(a)anthracene	ND		32.0	21.5		ug/L		67	43 - 124	
Benzo(a)pyrene	ND	F2	32.0	20.1		ug/L		63	23 - 125	
Benzo(b)fluoranthene	ND		32.0	19.5		ug/L		61	27 - 127	
Benzo(g,h,i)perylene	ND	F2	32.0	18.7		ug/L		59	16 - 147	
Benzo(k)fluoranthene	ND		32.0	19.3		ug/L		60	20 - 124	
Biphenyl	ND		32.0	22.4		ug/L		70	57 - 120	

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-4 MS

Matrix: Ground Water

Analysis Batch: 695896

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Prep Batch: 695735

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
bis (2-chloroisopropyl) ether	ND		32.0	18.7		ug/L		59	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	20.8		ug/L		65	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	20.6		ug/L		64	45 - 120
Bis(2-ethylhexyl) phthalate	ND	F2	32.0	19.6		ug/L		61	16 - 150
Butyl benzyl phthalate	ND		32.0	24.1		ug/L		75	51 - 140
Caprolactam	ND		64.0	17.2		ug/L		27	10 - 120
Carbazole	ND		32.0	26.9		ug/L		84	16 - 148
Chrysene	ND		32.0	21.3		ug/L		67	44 - 122
Dibenz(a,h)anthracene	ND	F2	32.0	19.0		ug/L		59	16 - 139
Dibenzofuran	ND		32.0	23.6		ug/L		74	60 - 120
Diethyl phthalate	ND	+	32.0	27.4		ug/L		86	53 - 133
Dimethyl phthalate	ND		32.0	25.6		ug/L		80	59 - 123
Di-n-butyl phthalate	ND		32.0	25.6		ug/L		80	65 - 129
Di-n-octyl phthalate	ND	F2	32.0	19.0		ug/L		59	16 - 150
Fluoranthene	ND		32.0	24.3		ug/L		76	63 - 129
Fluorene	ND		32.0	24.3		ug/L		76	62 - 120
Hexachlorobenzene	ND		32.0	23.7		ug/L		74	57 - 121
Hexachlorobutadiene	ND		32.0	21.3		ug/L		67	37 - 120
Hexachlorocyclopentadiene	ND		32.0	8.61		ug/L		27	21 - 120
Hexachloroethane	ND		32.0	20.4		ug/L		64	16 - 130
Indeno(1,2,3-cd)pyrene	ND	F2	32.0	21.0		ug/L		66	16 - 140
Isophorone	ND		32.0	22.2		ug/L		69	48 - 133
Naphthalene	ND		32.0	20.8		ug/L		65	45 - 120
Nitrobenzene	ND		32.0	22.6		ug/L		71	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	23.4		ug/L		73	49 - 120
N-Nitrosodiphenylamine	ND		32.0	23.4		ug/L		73	39 - 138
Pentachlorophenol	ND		64.0	39.1		ug/L		61	10 - 149
Phenanthrene	ND		32.0	24.1		ug/L		75	65 - 122
Phenol	ND		32.0	13.5		ug/L		42	16 - 120
Pyrene	ND		32.0	24.0		ug/L		75	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	80		41 - 120
2-Fluorobiphenyl	72		48 - 120
2-Fluorophenol	53		35 - 120
Nitrobenzene-d5	74		46 - 120
Phenol-d5	43		22 - 120
p-Terphenyl-d14	59	S1-	60 - 148

Lab Sample ID: 480-215747-4 MSD

Matrix: Ground Water

Analysis Batch: 695896

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 695735

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	25.5		ug/L		80	65 - 126	7	18
2,4,6-Trichlorophenol	ND		32.0	24.6		ug/L		77	64 - 120	2	19
2,4-Dichlorophenol	ND		32.0	24.0		ug/L		75	48 - 132	7	19
2,4-Dimethylphenol	ND		32.0	19.5		ug/L		61	39 - 130	7	42

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-4 MSD

Matrix: Ground Water

Analysis Batch: 695896

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 695735

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		64.0	51.2		ug/L		80	21 - 150	11	22
2,4-Dinitrotoluene	ND		32.0	28.8		ug/L		90	54 - 138	12	20
2,6-Dinitrotoluene	ND		32.0	26.8		ug/L		84	17 - 150	6	15
2-Chloronaphthalene	ND		32.0	23.5		ug/L		73	52 - 124	5	21
2-Chlorophenol	ND		32.0	21.8		ug/L		68	48 - 120	2	25
2-Methylnaphthalene	ND		32.0	23.2		ug/L		73	34 - 140	8	21
2-Methylphenol	ND		32.0	19.3		ug/L		60	46 - 120	2	27
2-Nitroaniline	ND		32.0	27.0		ug/L		84	44 - 136	10	15
2-Nitrophenol	ND		32.0	24.3		ug/L		76	38 - 141	11	18
3,3'-Dichlorobenzidine	ND		64.0	52.0		ug/L		81	10 - 150	15	25
3-Nitroaniline	ND		32.0	20.3		ug/L		63	32 - 150	7	19
4,6-Dinitro-2-methylphenol	ND		64.0	60.1		ug/L		94	38 - 150	11	15
4-Bromophenyl phenyl ether	ND		32.0	24.8		ug/L		77	63 - 126	8	15
4-Chloro-3-methylphenol	ND		32.0	25.2		ug/L		79	64 - 127	6	27
4-Chloroaniline	ND		32.0	18.4		ug/L		57	16 - 124	2	22
4-Chlorophenyl phenyl ether	ND		32.0	24.2		ug/L		76	61 - 120	5	16
4-Methylphenol	ND		32.0	19.8		ug/L		62	36 - 120	2	24
4-Nitroaniline	ND		32.0	27.4		ug/L		86	32 - 150	18	24
4-Nitrophenol	ND		64.0	56.6		ug/L		89	23 - 132	8	48
Acenaphthene	ND		32.0	25.4		ug/L		79	48 - 120	7	24
Acenaphthylene	ND		32.0	23.2		ug/L		72	63 - 120	4	18
Acetophenone	ND		32.0	23.8		ug/L		74	53 - 120	3	20
Aniline	ND		32.0	14.3		ug/L		45	32 - 120	0	30
Anthracene	ND		32.0	26.1		ug/L		81	65 - 122	12	15
Atrazine	ND	+	64.0	71.8		ug/L		112	50 - 150	15	20
Benzaldehyde	ND		64.0	43.2		ug/L		67	10 - 150	1	20
Benzo(a)anthracene	ND		32.0	24.8		ug/L		78	43 - 124	14	15
Benzo(a)pyrene	ND	F2	32.0	23.7	F2	ug/L		74	23 - 125	16	15
Benzo(b)fluoranthene	ND		32.0	22.7		ug/L		71	27 - 127	15	15
Benzo(g,h,i)perylene	ND	F2	32.0	22.3	F2	ug/L		70	16 - 147	17	15
Benzo(k)fluoranthene	ND		32.0	23.4		ug/L		73	20 - 124	19	22
Biphenyl	ND		32.0	24.0		ug/L		75	57 - 120	7	20
bis (2-chloroisopropyl) ether	ND		32.0	18.9		ug/L		59	28 - 121	1	24
Bis(2-chloroethoxy)methane	ND		32.0	22.4		ug/L		70	44 - 128	8	17
Bis(2-chloroethyl)ether	ND		32.0	20.9		ug/L		65	45 - 120	1	21
Bis(2-ethylhexyl) phthalate	ND	F2	32.0	23.1	F2	ug/L		72	16 - 150	16	15
Butyl benzyl phthalate	ND		32.0	27.8		ug/L		87	51 - 140	14	16
Caprolactam	ND		64.0	19.7		ug/L		31	10 - 120	13	20
Carbazole	ND		32.0	30.6		ug/L		96	16 - 148	13	20
Chrysene	ND		32.0	24.8		ug/L		77	44 - 122	15	15
Dibenz(a,h)anthracene	ND	F2	32.0	22.3	F2	ug/L		70	16 - 139	16	15
Dibenzofuran	ND		32.0	25.0		ug/L		78	60 - 120	6	15
Diethyl phthalate	ND	+	32.0	30.6		ug/L		95	53 - 133	11	15
Dimethyl phthalate	ND		32.0	27.2		ug/L		85	59 - 123	6	15
Di-n-butyl phthalate	ND		32.0	29.5		ug/L		92	65 - 129	14	15
Di-n-octyl phthalate	ND	F2	32.0	22.8	F2	ug/L		71	16 - 150	18	16
Fluoranthene	ND		32.0	27.9		ug/L		87	63 - 129	14	15
Fluorene	ND		32.0	25.0		ug/L		78	62 - 120	3	15
Hexachlorobenzene	ND		32.0	25.6		ug/L		80	57 - 121	8	15

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-4 MSD

Matrix: Ground Water

Analysis Batch: 695896

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 695735

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	ND		32.0	22.5		ug/L		70	37 - 120	5	44
Hexachlorocyclopentadiene	ND		32.0	9.35		ug/L		29	21 - 120	8	49
Hexachloroethane	ND		32.0	20.4		ug/L		64	16 - 130	0	46
Indeno(1,2,3-cd)pyrene	ND	F2	32.0	24.7	F2	ug/L		77	16 - 140	16	15
Isophorone	ND		32.0	23.5		ug/L		73	48 - 133	6	17
Naphthalene	ND		32.0	22.4		ug/L		70	45 - 120	7	29
Nitrobenzene	ND		32.0	24.0		ug/L		75	45 - 123	6	24
N-Nitrosodi-n-propylamine	ND		32.0	23.6		ug/L		74	49 - 120	1	31
N-Nitrosodiphenylamine	ND		32.0	25.3		ug/L		79	39 - 138	8	15
Pentachlorophenol	ND		64.0	47.0		ug/L		73	10 - 149	18	37
Phenanthrene	ND		32.0	27.0		ug/L		84	65 - 122	11	15
Phenol	ND		32.0	14.0		ug/L		44	16 - 120	4	34
Pyrene	ND		32.0	28.0		ug/L		87	58 - 128	15	19

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2,4,6-Tribromophenol	89		41 - 120
2-Fluorobiphenyl	76		48 - 120
2-Fluorophenol	51		35 - 120
Nitrobenzene-d5	78		46 - 120
Phenol-d5	43		22 - 120
p-Terphenyl-d14	70		60 - 148

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-695632/1-A

Matrix: Water

Analysis Batch: 696177

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 695632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/18/23 08:41	12/20/23 21:49	1
Antimony	ND		0.020	0.0068	mg/L		12/18/23 08:41	12/20/23 21:49	1
Arsenic	ND		0.015	0.0056	mg/L		12/18/23 08:41	12/20/23 21:49	1
Barium	ND		0.0020	0.00070	mg/L		12/18/23 08:41	12/20/23 21:49	1
Beryllium	ND		0.0020	0.00030	mg/L		12/18/23 08:41	12/20/23 21:49	1
Cadmium	ND		0.0020	0.00050	mg/L		12/18/23 08:41	12/20/23 21:49	1
Calcium	ND		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 21:49	1
Chromium	ND		0.0040	0.0010	mg/L		12/18/23 08:41	12/20/23 21:49	1
Cobalt	ND		0.0040	0.00063	mg/L		12/18/23 08:41	12/20/23 21:49	1
Copper	ND		0.010	0.0016	mg/L		12/18/23 08:41	12/20/23 21:49	1
Iron	ND		0.050	0.019	mg/L		12/18/23 08:41	12/20/23 21:49	1
Lead	ND		0.010	0.0030	mg/L		12/18/23 08:41	12/20/23 21:49	1
Magnesium	ND		0.20	0.043	mg/L		12/18/23 08:41	12/20/23 21:49	1
Manganese	ND		0.0030	0.00040	mg/L		12/18/23 08:41	12/20/23 21:49	1
Nickel	ND		0.010	0.0013	mg/L		12/18/23 08:41	12/20/23 21:49	1
Potassium	ND		0.50	0.10	mg/L		12/18/23 08:41	12/20/23 21:49	1
Selenium	ND		0.025	0.0087	mg/L		12/18/23 08:41	12/20/23 21:49	1
Silver	ND		0.0060	0.0017	mg/L		12/18/23 08:41	12/20/23 21:49	1
Sodium	ND		1.0	0.32	mg/L		12/18/23 08:41	12/20/23 21:49	1
Thallium	ND		0.020	0.010	mg/L		12/18/23 08:41	12/20/23 21:49	1

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: MB 480-695632/1-A
Matrix: Water
Analysis Batch: 696177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 695632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		12/18/23 08:41	12/20/23 21:49	1
Zinc	ND		0.010	0.0015	mg/L		12/18/23 08:41	12/20/23 21:49	1

Lab Sample ID: LCS 480-695632/2-A
Matrix: Water
Analysis Batch: 696177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 695632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	9.50		mg/L		95	80 - 120
Antimony	0.200	0.218		mg/L		109	80 - 120
Arsenic	0.200	0.210		mg/L		105	80 - 120
Barium	0.200	0.212		mg/L		106	80 - 120
Beryllium	0.200	0.199		mg/L		100	80 - 120
Cadmium	0.200	0.210		mg/L		105	80 - 120
Calcium	10.0	10.18		mg/L		102	80 - 120
Chromium	0.200	0.197		mg/L		99	80 - 120
Cobalt	0.200	0.204		mg/L		102	80 - 120
Copper	0.200	0.208		mg/L		104	80 - 120
Iron	10.0	10.14		mg/L		101	80 - 120
Lead	0.200	0.207		mg/L		104	80 - 120
Magnesium	10.0	9.87		mg/L		99	80 - 120
Manganese	0.200	0.207		mg/L		103	80 - 120
Nickel	0.200	0.206		mg/L		103	80 - 120
Potassium	10.0	10.30		mg/L		103	80 - 120
Selenium	0.200	0.206		mg/L		103	80 - 120
Silver	0.0500	0.0497		mg/L		99	80 - 120
Sodium	10.0	10.65		mg/L		106	80 - 120
Thallium	0.200	0.213		mg/L		106	80 - 120
Vanadium	0.200	0.212		mg/L		106	80 - 120
Zinc	0.200	0.200		mg/L		100	80 - 120

Lab Sample ID: 480-215747-4 MS
Matrix: Ground Water
Analysis Batch: 696177

Client Sample ID: BCC Area E RFI-33 MS
Prep Type: Total/NA
Prep Batch: 695632

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND		10.0	9.43		mg/L		94	75 - 125
Antimony	ND		0.200	0.217		mg/L		108	75 - 125
Arsenic	ND		0.200	0.216		mg/L		108	75 - 125
Barium	0.034		0.200	0.236		mg/L		101	75 - 125
Beryllium	ND		0.200	0.199		mg/L		100	75 - 125
Cadmium	ND		0.200	0.211		mg/L		106	75 - 125
Calcium	88.8		10.0	93.38	4	mg/L		46	75 - 125
Chromium	0.0024	J	0.200	0.195		mg/L		96	75 - 125
Cobalt	ND		0.200	0.204		mg/L		102	75 - 125
Copper	ND		0.200	0.204		mg/L		102	75 - 125
Iron	0.096		10.0	10.12		mg/L		100	75 - 125
Lead	ND		0.200	0.207		mg/L		104	75 - 125
Magnesium	13.6		10.0	23.24		mg/L		96	75 - 125

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QC Sample Results

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

Job ID: 480-215747-1

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

Lab Sample ID: 480-215747-4 MS

Matrix: Ground Water

Analysis Batch: 696177

Client Sample ID: BCC Area E RFI-33 MS

Prep Type: Total/NA

Prep Batch: 695632

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.094		0.200	0.264		mg/L		85	75 - 125
Nickel	0.0069	J	0.200	0.211		mg/L		102	75 - 125
Potassium	0.86		10.0	11.11		mg/L		102	75 - 125
Selenium	ND		0.200	0.205		mg/L		103	75 - 125
Silver	0.0017	J	0.0500	0.0494		mg/L		95	75 - 125
Sodium	47.0		10.0	54.73	4	mg/L		78	75 - 125
Thallium	ND		0.200	0.207		mg/L		104	75 - 125
Vanadium	ND		0.200	0.211		mg/L		105	75 - 125
Zinc	0.0028	J	0.200	0.197		mg/L		97	75 - 125

Lab Sample ID: 480-215747-4 MSD

Matrix: Ground Water

Analysis Batch: 696177

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 695632

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		0.200	0.217		mg/L		108	75 - 125	0	20
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125	1	20
Barium	0.034		0.200	0.240		mg/L		103	75 - 125	2	20
Beryllium	ND		0.200	0.201		mg/L		101	75 - 125	1	20
Cadmium	ND		0.200	0.212		mg/L		106	75 - 125	0	20
Calcium	88.8		10.0	93.99	4	mg/L		52	75 - 125	1	20
Chromium	0.0024	J	0.200	0.197		mg/L		97	75 - 125	1	20
Cobalt	ND		0.200	0.205		mg/L		103	75 - 125	0	20
Copper	ND		0.200	0.208		mg/L		104	75 - 125	2	20
Iron	0.096		10.0	10.17		mg/L		101	75 - 125	0	20
Lead	ND		0.200	0.207		mg/L		104	75 - 125	0	20
Magnesium	13.6		10.0	23.23		mg/L		96	75 - 125	0	20
Manganese	0.094		0.200	0.266		mg/L		86	75 - 125	1	20
Nickel	0.0069	J	0.200	0.212		mg/L		103	75 - 125	1	20
Potassium	0.86		10.0	11.19		mg/L		103	75 - 125	1	20
Selenium	ND		0.200	0.206		mg/L		103	75 - 125	1	20
Silver	0.0017	J	0.0500	0.0498		mg/L		96	75 - 125	1	20
Sodium	47.0		10.0	55.56	4	mg/L		86	75 - 125	2	20
Thallium	ND		0.200	0.209		mg/L		104	75 - 125	1	20
Vanadium	ND		0.200	0.211		mg/L		106	75 - 125	0	20
Zinc	0.0028	J	0.200	0.198		mg/L		97	75 - 125	0	20

Lab Sample ID: 480-215747-4 MSD

Matrix: Ground Water

Analysis Batch: 696329

Client Sample ID: BCC Area E RFI-33 MSD

Prep Type: Total/NA

Prep Batch: 695632

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.56		mg/L		96	75 - 125	1	20

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QC Sample Results

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

Job ID: 480-215747-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-695773/1-A
Matrix: Water
Analysis Batch: 695833

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 695773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/18/23 11:27	12/18/23 15:00	1

Lab Sample ID: LCS 480-695773/2-A
Matrix: Water
Analysis Batch: 695833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 695773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00660		mg/L		99	80 - 120

Lab Sample ID: 480-215747-4 MS
Matrix: Ground Water
Analysis Batch: 695833

Client Sample ID: BCC Area E RFI-33 MS
Prep Type: Total/NA
Prep Batch: 695773

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00669	0.00672		mg/L		100	80 - 120

Lab Sample ID: 480-215747-4 MSD
Matrix: Ground Water
Analysis Batch: 695833

Client Sample ID: BCC Area E RFI-33 MSD
Prep Type: Total/NA
Prep Batch: 695773

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00669	0.00677		mg/L		101	80 - 120	1	20

QC Association Summary

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

Job ID: 480-215747-1

GC/MS VOA

Analysis Batch: 695541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-2	BCC Area E RFI-29	Total/NA	Ground Water	8260C	
480-215747-3	BCC Area E RFI-32A	Total/NA	Ground Water	8260C	
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	8260C	
480-215747-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-695541/8	Method Blank	Total/NA	Water	8260C	
LCS 480-695541/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 695621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-4	BCC Area E RFI-33	Total/NA	Ground Water	8260C	
MB 480-695621/8	Method Blank	Total/NA	Water	8260C	
LCS 480-695621/6	Lab Control Sample	Total/NA	Water	8260C	
480-215747-4 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	8260C	
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	8260C	

Analysis Batch: 695721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-1	BCC Area E MW-E05	Total/NA	Ground Water	8260C	
MB 480-695721/8	Method Blank	Total/NA	Water	8260C	
LCS 480-695721/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 695735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-1	BCC Area E MW-E05	Total/NA	Ground Water	3510C	
480-215747-2	BCC Area E RFI-29	Total/NA	Ground Water	3510C	
480-215747-3	BCC Area E RFI-32A	Total/NA	Ground Water	3510C	
480-215747-4	BCC Area E RFI-33	Total/NA	Ground Water	3510C	
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	3510C	
MB 480-695735/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-695735/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-215747-4 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	3510C	
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	3510C	

Analysis Batch: 695896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-1	BCC Area E MW-E05	Total/NA	Ground Water	8270D	695735
480-215747-2	BCC Area E RFI-29	Total/NA	Ground Water	8270D	695735
480-215747-3	BCC Area E RFI-32A	Total/NA	Ground Water	8270D	695735
480-215747-4	BCC Area E RFI-33	Total/NA	Ground Water	8270D	695735
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	8270D	695735
MB 480-695735/1-A	Method Blank	Total/NA	Water	8270D	695735
LCS 480-695735/2-A	Lab Control Sample	Total/NA	Water	8270D	695735
480-215747-4 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	8270D	695735
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	8270D	695735

Metals

Prep Batch: 695632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-1	BCC Area E MW-E05	Total/NA	Ground Water	3005A	

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QC Association Summary

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

Job ID: 480-215747-1

Metals (Continued)

Prep Batch: 695632 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-2	BCC Area E RFI-29	Total/NA	Ground Water	3005A	
480-215747-3	BCC Area E RFI-32A	Total/NA	Ground Water	3005A	
480-215747-4	BCC Area E RFI-33	Total/NA	Ground Water	3005A	
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	3005A	
MB 480-695632/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-695632/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-215747-4 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	3005A	
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	3005A	

Prep Batch: 695773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-1	BCC Area E MW-E05	Total/NA	Ground Water	7470A	
480-215747-2	BCC Area E RFI-29	Total/NA	Ground Water	7470A	
480-215747-3	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	
480-215747-4	BCC Area E RFI-33	Total/NA	Ground Water	7470A	
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	7470A	
MB 480-695773/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-695773/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-215747-4 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	7470A	
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	7470A	

Analysis Batch: 695833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-1	BCC Area E MW-E05	Total/NA	Ground Water	7470A	695773
480-215747-2	BCC Area E RFI-29	Total/NA	Ground Water	7470A	695773
480-215747-3	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	695773
480-215747-4	BCC Area E RFI-33	Total/NA	Ground Water	7470A	695773
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	7470A	695773
MB 480-695773/1-A	Method Blank	Total/NA	Water	7470A	695773
LCS 480-695773/2-A	Lab Control Sample	Total/NA	Water	7470A	695773
480-215747-4 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	7470A	695773
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	7470A	695773

Analysis Batch: 696177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-1	BCC Area E MW-E05	Total/NA	Ground Water	6010C	695632
480-215747-2	BCC Area E RFI-29	Total/NA	Ground Water	6010C	695632
480-215747-3	BCC Area E RFI-32A	Total/NA	Ground Water	6010C	695632
480-215747-4	BCC Area E RFI-33	Total/NA	Ground Water	6010C	695632
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	6010C	695632
MB 480-695632/1-A	Method Blank	Total/NA	Water	6010C	695632
LCS 480-695632/2-A	Lab Control Sample	Total/NA	Water	6010C	695632
480-215747-4 MS	BCC Area E RFI-33 MS	Total/NA	Ground Water	6010C	695632
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	6010C	695632

Analysis Batch: 696329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215747-5	BCC Area E RFI-33 D	Total/NA	Ground Water	6010C	695632
480-215747-4 MSD	BCC Area E RFI-33 MSD	Total/NA	Ground Water	6010C	695632

Eurofins Buffalo

Lab Chronicle

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-215747-1

Date Collected: 12/14/23 11:30

Matrix: Ground Water

Date Received: 12/14/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	695721	ZN	EET BUF	12/18/23 15:32
Total/NA	Prep	3510C			695735	JMP	EET BUF	12/18/23 09:22
Total/NA	Analysis	8270D		1	695896	JMM	EET BUF	12/19/23 18:01
Total/NA	Prep	3005A			695632	MP	EET BUF	12/18/23 08:41
Total/NA	Analysis	6010C		1	696177	BMB	EET BUF	12/20/23 21:55
Total/NA	Prep	7470A			695773	NVK	EET BUF	12/18/23 11:27
Total/NA	Analysis	7470A		1	695833	NVK	EET BUF	12/18/23 15:03

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-215747-2

Date Collected: 12/14/23 12:40

Matrix: Ground Water

Date Received: 12/14/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	695541	ZN	EET BUF	12/15/23 18:24
Total/NA	Prep	3510C			695735	JMP	EET BUF	12/18/23 09:22
Total/NA	Analysis	8270D		1	695896	JMM	EET BUF	12/19/23 18:29
Total/NA	Prep	3005A			695632	MP	EET BUF	12/18/23 08:41
Total/NA	Analysis	6010C		1	696177	BMB	EET BUF	12/20/23 21:59
Total/NA	Prep	7470A			695773	NVK	EET BUF	12/18/23 11:27
Total/NA	Analysis	7470A		1	695833	NVK	EET BUF	12/18/23 15:04

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-215747-3

Date Collected: 12/14/23 10:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4000	695541	ZN	EET BUF	12/15/23 18:48
Total/NA	Prep	3510C			695735	JMP	EET BUF	12/18/23 09:22
Total/NA	Analysis	8270D		20	695896	JMM	EET BUF	12/19/23 18:57
Total/NA	Prep	3005A			695632	MP	EET BUF	12/18/23 08:41
Total/NA	Analysis	6010C		1	696177	BMB	EET BUF	12/20/23 22:02
Total/NA	Prep	7470A			695773	NVK	EET BUF	12/18/23 11:27
Total/NA	Analysis	7470A		1	695833	NVK	EET BUF	12/18/23 15:05

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-215747-4

Date Collected: 12/14/23 09:10

Matrix: Ground Water

Date Received: 12/14/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	695621	LCH	EET BUF	12/15/23 22:14
Total/NA	Prep	3510C			695735	JMP	EET BUF	12/18/23 09:22
Total/NA	Analysis	8270D		1	695896	JMM	EET BUF	12/19/23 17:06
Total/NA	Prep	3005A			695632	MP	EET BUF	12/18/23 08:41
Total/NA	Analysis	6010C		1	696177	BMB	EET BUF	12/20/23 22:06

Eurofins Buffalo

Lab Chronicle

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

Job ID: 480-215747-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-215747-4

Date Collected: 12/14/23 09:10

Matrix: Ground Water

Date Received: 12/14/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			695773	NVK	EET BUF	12/18/23 11:27
Total/NA	Analysis	7470A		1	695833	NVK	EET BUF	12/18/23 15:06

Client Sample ID: BCC Area E RFI-33 D

Lab Sample ID: 480-215747-5

Date Collected: 12/14/23 09:20

Matrix: Ground Water

Date Received: 12/14/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	695541	ZN	EET BUF	12/15/23 19:11
Total/NA	Prep	3510C			695735	JMP	EET BUF	12/18/23 09:22
Total/NA	Analysis	8270D		5	695896	JMM	EET BUF	12/19/23 19:24
Total/NA	Prep	3005A			695632	MP	EET BUF	12/18/23 08:41
Total/NA	Analysis	6010C		1	696177	BMB	EET BUF	12/20/23 22:33
Total/NA	Prep	3005A			695632	MP	EET BUF	12/18/23 08:41
Total/NA	Analysis	6010C		1	696329	BMB	EET BUF	12/21/23 15:35
Total/NA	Prep	7470A			695773	NVK	EET BUF	12/18/23 11:27
Total/NA	Analysis	7470A		1	695833	NVK	EET BUF	12/18/23 15:12

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215747-6

Date Collected: 12/14/23 00:00

Matrix: Water

Date Received: 12/14/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	695541	ZN	EET BUF	12/15/23 19:34

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-215747-1

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

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

Method Summary

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

Job ID: 480-215747-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

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

Job ID: 480-215747-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-215747-1	BCC Area E MW-E05	Ground Water	12/14/23 11:30	12/14/23 15:10
480-215747-2	BCC Area E RFI-29	Ground Water	12/14/23 12:40	12/14/23 15:10
480-215747-3	BCC Area E RFI-32A	Ground Water	12/14/23 10:20	12/14/23 15:10
480-215747-4	BCC Area E RFI-33	Ground Water	12/14/23 09:10	12/14/23 15:10
480-215747-5	BCC Area E RFI-33 D	Ground Water	12/14/23 09:20	12/14/23 15:10
480-215747-6	TRIP BLANK	Water	12/14/23 00:00	12/14/23 15:10

Eurofins Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins

4778
Area

Client Information Client Contact: Kirsten Colligan Company: Ontario Specialty Contracting, Inc. Address: 140 Lee St City: Buffalo State: NY, Zip: 14210 Phone: 716-856-3333 Email: kcolligan@oscinc.com Project Name: OSC - Former Buffalo Color Sites/ Event Desc: Buffalo Color Area Site: New York		Sampler: Taylor Kunzelman Phone: 716-480-3232 Lab PM: Schove, John R E-Mail: John.Schove@et.eurofins.com Carrier Tracking No(s): OSC State of Origin: NY COC No: 480-189550-6267.1 Page: Page 1 of 1 Job #: 16011	
Due Date Requested: 2 weeks TAT Requested (days): Standard Compliance Project: Yes No PO #: 66962 WO #: Project #: 48003159 SSOW#:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Sample Identification BCC Area E MW-E05 BCC Area E RFI-29 BCC Area E RFI-32A BCC Area E RFI-33 BCC Area E RFI-33 D BCC Area E RFI-33 MS BCC Area E RFI-33 MSD TRIP BLANK		Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air) Sample Type (C=Comp, G=grab) Sample Date Sample Time Preservation Code Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 6010B, 7470A 8260B - TCL VOCs 8270C - TCL SVOCs + aniline Total Number of containers	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Relinquished by: Relinquished by: Relinquished by:		Date/Time: 12-14-23 16:10 Date/Time: Date/Time: Date/Time:	
Relinquished by: Relinquished by: Relinquished by:		Date/Time: Date/Time: Date/Time:	
Custody Seal Intact: Yes No A Yes No 2278162		Cooler Temperature(s) °C and Other Remarks: 8.2# ICE Date/Time: 12/14/23 15:10 Company:	

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-215747-1

Login Number: 215747

List Source: Eurofins 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 (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OSC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Appendix B – Sample Collection Logs



Chain of Custody Record

Client Information		Lab PM: Schove, John R		Carrier Tracking Note(s): OSC		COC No: 480-189550-6267.1	
Client Contact: Kirsten Colligan		E-Mail: John.Schove@et.eurofinsus.com		State of Origin: NY		Page: 1 of 1	
Company: Ontario Specialty Contracting, Inc.		PWSID:		Analysis Requested		Job #: 16011	
Address: 140 Lee St. Buffalo NY, 14210		Due Date Requested: 2 weeks		TAT Requested (days): Standard		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone: 716-856-3333		Compliance Project: ☒ Yes ☒ No		PO #: 66962		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecylhydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Email: kcolligan@oscinc.com		Project #: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area		WO #:		Total Number of containers	
Site: New York		SSOW#:				Special Instructions/Note:	
Sample Identification		Sample Date		Sample Time		Sample Type (G-comp, G-grab) (BT=Residue, Anal)	
BCC Area E MW-E05		12-14-23		11:30		G Water	
BCC Area E RFI-29				12:40		G Water	
BCC Area E RFI-32A				10:20		G Water	
BCC Area E RFI-33				9:10		G Water	
BCC Area E RFI-33 D				9:15		G Water	
BCC Area E RFI-33 MS				9:20		G Water	
BCC Area E RFI-33 MSD				9:25		G Water	
TRIP BLANK				9:10		G Water	
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>John Schove</i>		12-14-23		15:10		Company: OSC	
Relinquished by:						Company:	
Relinquished by:						Company:	
Custody Seal No.:		2278162				Cooler Temperature(s) °C and Other Remarks:	
Custody Seals Intact: ☒ Yes ☐ No							

~~100~~
D - 9.1.15
MS - 9.1.20
MSO - 9.1.25

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	Buffalo Color Corporation	SAMPLE ID	4th QTR '23'	ONTARIO SPECIALTY CONTRACTING, INC
WELL ID	RFI-32A	SAMPLE EVENT	Area E V th Q 2-3	SAMPLE DATE 12-14-23
TIME	START 9:40 END 10:30	JOB NUMBER	16011	SAMPLER Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.71	FT
WELL DEPTH	15.3	FT
WELL DIAMETER	20	IN

Well Conversion Factors

1" = 0.04 gal/foot water	4" = 0.66 gal/foot water
2" = 0.17 gal/foot water	6" = 1.5 gal/foot water

$$\frac{10.59}{\text{water column}} \times \frac{0.17}{\text{conversion}} = \frac{1.80}{1 \text{ purge volume}}$$

3 purge volumes = 5.40 gallons

NAPL REMOVAL METHOD

	BAILER
X	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL	ND	FT
NON DETECT (ND)		

NAPL VOL: REMOVED		GAL
----------------------	--	-----

WELL PROTECTIVE CASING

INTACT AND PROPERLY SECURED

YES ☐ NO

$$\frac{5.40 \text{ gallons}}{\text{gallons}} \times \frac{0.26 \text{ gal/min}}{\text{flow rate}} = \frac{20.76}{\text{minutes to pump}}$$
TIME OF SAMPLE
COLLECTION

10:20

PURGE DATA

[illegible]

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

	YSI 556 MPS W/ FLOW CELL
X	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

☐	GEOTECH INTERFACE METER
☒	SOLINST WATER METER
☐	OTHER

ANALYTICAL PARAMETERS

To Be Collected

	MSD	MS	DUPLICATE	STANDARD	
				X	VOC
				X	SVOC
				X	TAL INORGANICS
					TAL INORGANICS
					VOC
					SVOC
					TAL INORGANICS
					TAL INORGANICS
					VOC
					SVOC
					TAL INORGANICS
					TAL INORGANICS
					VOC
					SVOC
					TAL INORGANICS
					TAL INORGANICS

METHOD

NUMBER
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION

METHOD
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME

REQUIRED

3	X 40 mL
2	X 1 LAG
1	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP

SAMPLE

COLLECTED	
X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER
CONTAINERIZED

YES ☒ NO ☐

NUMBER OF GALLONS
GENERATED

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

Area E 4th Q
23

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	Buffalo Color Corporation	SAMPLE ID	4th QTR '23'	ONTARIO SPECIALTY CONTRACTING, INC
WELL ID	MW-E05	SAMPLE EVENT	Area E 4th Q 23	SAMPLE DATE
TIME	START 10:45 END 11:40	JOB NUMBER	16011	SAMPLER
				Taylor Kunzelman

WATER LEVEL / PUMP SETT

STATIC DEPTH TO WATER	4.61 FT	WELL DEPTH	15.6 FT	WELL DIAMETER	2.0 IN
Well Conversion Factors 1" = 0.04 gal/foot water 4" = 0.66 gal/foot water 2" = 0.17 gal/foot water 6" = 1.5 gal/foot water					
10.94 water column x 0.17 conversion = 1.86 1 purge volume 3 purge volumes = 5.58 gallons					
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES ☐ NO ☐ 5.58 gallons x 0.26 gal/min = 21.46 minutes to pump					
TIME OF SAMPLE COLLECTION 11:30					

NAPL REMOVAL METHOD

☐ BAILER	DEPTH TO NAPL	ND FT
☒ PERISTALTIC PUMP	NON DETECT (ND)	
☐ ABSORBENT SOCK	NAPL VOL. REMOVED	GAL

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/min)	TEMP (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:50		4.91		10.65	1.08	6.74	0.86	12.3	163	
10:55		4.93		10.78	1.09	6.74	0.80	13.1	165	
11:00		4.94		10.95	1.10	6.71	0.77	9.4	165	
11:05		4.93		11.03	1.10	6.68	0.72	5.4	165	
11:10		5.01		11.07	1.07	6.67	0.71	8.0	164	
11:15		4.98		11.03	1.10	6.66	0.71	2.7	164	
11:20		4.96		11.01	1.09	6.64	0.70	2.9	163	
11:25		4.98		11.01	1.09	6.64	0.69	2.3	163	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☐ YSI 556 MPS W/ FLOW CELL	☐ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☒ HORIBA U-50 W/ FLOW CELL	☒ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	Buffalo Color Corporation	SAMPLE ID	4th QTR '23	ONTARIO SPECIALTY CONTRACTING, INC
WELL ID	RFE-29	SAMPLE EVENT	Area E 4th Q 23	SAMPLE DATE 12-14-23
TIME	START 11:50 END 12:45	JOB NUMBER	16011	SAMPLER Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.43	FT
WELL DEPTH	15.2	FT
WELL DIAMETER	20	IN

Well Conversion Factors

1" = 0.04 gal/foot water	4" = 0.66 gal/foot water	
2" = 0.17 gal/foot water	6" = 1.5 gal/foot water	

$$\frac{8.77}{\text{water column}}$$

x

$$\frac{0.17}{\text{conversion}}$$

=

$$\frac{1.49}{1 \text{ purge volume}}$$

3 purge volumes =

$$4.47$$

gallons

NAPL REMOVAL METHOD	
	BAILER
X	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL REMOVED		GAL

WELL PROTECTIVE CASING
INTACT AND PROPERLY SECURED YES ☐ NO ☐

TIME OF SAMPLE
COLLECTION 18:40

4.42 gallons x $\frac{0.26 \text{ gal/min}}{\text{flow rate}}$ = 17.19 minutes to pump

PURGE DATA

[illegible]

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

☐	WAILER
☐	SIMCO BLADDER
☒	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

	YSI 556 MPS W/ FLOW CELL
X	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

☐	GEOTECH INTERFACE METER
☒	SOLINST WATER METER
☐	OTHER

ANALYTICAL PARAMETERS

To Be Collected

e Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
DUPLICATE		CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		8260B	HCL / 4 DEG. C	X 40 mL	VOC
		CLP	4 DEG. C	X 1 LAG	SVOC
MS		CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		8260B	HCL / 4 DEG. C	X 40 mL	VOC
MSD		CLP	4 DEG. C	X 1 LAG	SVOC
		CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		8260B	HCL / 4 DEG. C	X 40 mL	VOC
		CLP	4 DEG. C	X 1 LAG	SVOC
		CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

Chain of Custody Record



**10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991**

Client Information Client Contact: Kirsten Colligan Company: Ontario Specialty Contracting, Inc. Address: 140 Lee St. City: Buffalo State, Zip: NY, 14210 Phone: 716-856-3333 Email: kcolligan@oscinc.com Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area Site: New York		Sampler: Taylor Kunzelman Lab PM: Schove, John R Phone: 716-480-3282 E-Mail: John.Schove@eurofinsus.com Carrier Tracking No(s): OSC State of Origin: NY Page 1 of 1 Job #: 16011	
Due Date Requested: Standard TAT Requested (days): 2 weeks Compliance Project: ☐ Yes ☒ No PO #: 66959 WO #: 66974 Email: kcolligan@oscinc.com Project #: 48003159 SSOW#:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Sample Identification BCC Area E MW-E05 BCC Area E RFI-29 BCC Area E RFI-32A BCC Area E RFI-33 BCC Area E RFI-32A D BCC Area E RFI-32A MS BCC Area E RFI-32A MSD TRIP BLANK		Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=organic) Preservation Code:	
3-14-24 12:50 G Water		8270C - TCL SVOCs + aniline 8260B - TCL VOCs 6010B, 7470A Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)	
Total Number of Containers		Special Instructions/Note:	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Empty Kit Relinquished by:		Special Instructions/QC Requirements:	
Relinquished by:		Time:	

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	Buffalo Color Corporation	SAMPLE ID	1st QTR '24'	 ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID	RF1-33	SAMPLE EVENT	Area E 11		SAMPLE DATE	3-14-24
TIME	START 8:45 END 9:50	JOB NUMBER	16011		SAMPLER	Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER 3.76 FT	WELL DEPTH 9.7 FT	WELL DIAMETER 2.0 IN	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES ☐ NO ☐
1" = 0.04 gal/foot water 2" = 0.17 gal/foot water 3" = 0.26 gal/foot water 4" = 0.66 gal/foot water 5" = 1.17 gal/foot water 6" = 1.5 gal/foot water			
DEPTH TO NAPL NON DETECT (ND)		NAPL VOL REMOVED	
BAILER ☒ PERISTALTIC PUMP ☐ ABSORBENT SOCK		ND FT GAL 	
5.94 x 0.17 = 1.00 water column conversion 1 purge volume 3 purge volumes = 3 gallons 11.53 minutes to pump			
TIME OF SAMPLE COLLECTION 9:35			

PURGE DATA

[illegible]

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☐ YSI 556 MPS W/ FLOW CELL	☐ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☒ HORIBA U-50 W/ FLOW CELL	☒ SOLINX WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected

a Collected		METHOD NUMBER	PRESERVATION	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	HN03 to pH <2	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HN03 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
MS		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HN03 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HN03 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HN03 to pH <2	X 1 LP	VOC

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

1st QTR 24
Area E

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	Buffalo Color Corporation	SAMPLE ID	1st QTR '24'	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RF-32A	SAMPLE EVENT	AREA E 24	
TIME	START 10:00 END 11:30	JOB NUMBER	16011	
		SAMPLER	Taylor Kunzelman	

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.96 FT
WELL DEPTH	15.3 FT
WELL DIAMETER	2.0 IN

Well Conversion Factors
 1" = 0.04 gal/foot water
 2" = 0.17 gal/foot water
 4" = 0.66 gal/foot water
 6" = 1.5 gal/foot water

NAPL REMOVAL METHOD

☐ BAILER
☒ PERISTALTIC PUMP
☐ ABSORBENT SOCK

DEPTH TO NAPL
 NON DETECT (ND) ND FT

NAPL VOL. REMOVED GAL

$$\frac{10.34}{\text{water column}} \times \frac{0.17}{\text{conversion}} = \frac{1.75}{1 \text{ purge volume}}$$

$$3 \text{ purge volumes} = 5.25 \text{ gallons}$$

$$5.25 \text{ gallons} \times \frac{0.26 \text{ gal/min}}{\text{flow rate}} = 20.19 \text{ minutes to pump}$$

WELL PROTECTIVE CASING

INTACT AND PROPERLY SECURED YES ☐ NO ☐

TIME OF SAMPLE COLLECTION 11:05

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
10:18	6.46	4		10.53	2.80	6.33	10.97	0.0	-43	
10:20	6.62			10.51	2.81	6.27	9.43	0.0	-47	
10:25	6.93			10.47	2.82	6.54	9.49	0.0	-51	
10:30	7.21			10.44	2.83	6.70	0.26	0.0	-53	
10:35	7.26			10.45	2.83	6.84	0.29	0.0	-58	
10:40	8.03			10.48	2.84	6.89	0.30	0.0	-61	
10:45	8.31			10.52	2.83	6.92	0.29	0.0	-64	
10:50	8.74			10.52	2.84	6.94	0.29	0.0	-65	
10:55	8.92			10.53	2.84	6.97	0.28	0.0	-67	
11:00	9.13			10.53	2.84	6.98	0.29	0.0	-68	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

☐ WAILER
☐ SIMCO BLADDER
☒ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

☒ SILICONE
☒ HIGH DENSITY POLYETHYLENE
☐ OTHER

TYPE OF WATER QUALITY METER

☐ YSI 556 MPS W/ FLOW CELL
☒ HORIBA U-50 W/ FLOW CELL
☐ OTHER

TYPE OF WATER LEVEL DEVICE

☐ GEOTECH INTERFACE METER
☒ SOLINST WATER METER
☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected

STANDARD	☒	VOC
	☒	SVOC
	☒	TAL INORGANICS
DUPLICATE	☐	TAL INORGANICS
	☐	VOC
	☐	SVOC
MS	☐	TAL INORGANICS
	☐	TAL INORGANICS
	☐	VOC
MSD	☐	SVOC
	☐	TAL INORGANICS
	☐	TAL INORGANICS

METHOD NUMBER

8260B
 CLP
 CLP
 CLP
 8260B
 CLP
 CLP
 CLP
 8260B
 CLP
 CLP
 CLP
 CLP
 CLP

PRESERVATION METHOD

HCL / 4 DEG. C
 4 DEG. C
 HNO3 to pH <2
 HNO3 to pH <2
 HCL / 4 DEG. C
 4 DEG. C
 HNO3 to pH <2
 HNO3 to pH <2
 HCL / 4 DEG. C
 4 DEG. C
 HNO3 to pH <2
 HNO3 to pH <2
 HCL / 4 DEG. C
 4 DEG. C
 HNO3 to pH <2
 HNO3 to pH <2

VOLUME REQUIRED

3 X 40 mL
 2 X 1 LAG
 1 X 1 LP
 X 1 LP
 X 40 mL
 X 1 LAG
 X 1 LP
 X 1 LP
 X 40 mL
 X 1 LAG
 X 1 LP
 X 1 LP
 X 40 mL
 X 1 LAG
 X 1 LP
 X 1 LP

SAMPLE COLLECTED

☒ VOC
☒ SVOC
☒ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES ☒ NO ☐ NUMBER OF GALLONS GENERATED

NOTES

All equipment used either dedicated or decontaminated prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

D - 11:10
 MS - 11:15
 MSD - 11:20

1st QTR 24
Area E

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT Buffalo Color Corporation
WELL ID AW-E05
TIME START 11:40 END 12:55

SAMPLE ID 1st QTR '24'
SAMPLE EVENT Area E
JOB NUMBER 16011

OSC
ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 3-14-24
SAMPLER Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER 4.86 FT
WELL DEPTH 15.6 FT
WELL DIAMETER 2.0 IN

Well Conversion Factors
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water
 $\frac{10.74}{\text{water column}} \times \frac{0.17}{\text{conversion}} = \frac{1.82}{1 \text{ purge volume}}$
3 purge volumes = 5.46 gallons

NAPL REMOVAL METHOD
☐ BAILER
☒ PERISTALTIC PUMP
☐ ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND) ND FT

NAPL VOL. REMOVED GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES ☐ NO ☐
TIME OF SAMPLE COLLECTION 12:50
 $\frac{5.46}{\text{gallons}} \times \frac{0.26 \text{ gal/min}}{\text{flow rate}} = \frac{21.00}{\text{minutes to pump}}$

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/min)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:50		5.61		10.67	1.73	6.76	8.31	0.0	144	
11:55		5.63		10.56	1.73	6.74	8.11	0.0	144	
12:00		5.59		10.24	1.75	6.72	8.93	0.0	144	
12:05		5.61		10.07	1.76	6.72	8.84	0.0	143	
12:10		5.62		9.99	1.76	6.70	8.25	0.0	143	
12:15		5.60		9.87	1.77	6.67	8.81	0.0	144	
12:20		5.63		9.83	1.77	6.66	8.24	0.0	143	
12:25		5.61		9.92	1.77	6.66	8.38	0.0	144	
12:30		5.62		9.81	1.77	6.66	8.02	0.0	143	
12:35		5.60		9.82	1.77	6.66	8.78	0.0	143	
12:40		5.61		9.82	1.77	6.66	8.21	0.0	142	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
☐ WAILER
☐ SIMCO BLADDER
☒ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
☒ SILICONE
☒ HIGH DENSITY POLYETHYLENE
☐ OTHER

TYPE OF WATER QUALITY METER
☐ YSI 556 MPS W/ FLOW CELL
☒ HORIBA U-50 W/ FLOW CELL
☐ OTHER

TYPE OF WATER LEVEL DEVICE
☐ GEOTECH INTERFACE METER
☒ SOLINST WATER METER
☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected

	STANDARD	Duplicate	MS	MSD
VOC	☒			
SVOC	☒			
TAL INORGANICS	☒			
TAL INORGANICS				
VOC				
SVOC				
TAL INORGANICS				
TAL INORGANICS				
VOC				
SVOC				
TAL INORGANICS				
TAL INORGANICS				
VOC				
SVOC				
TAL INORGANICS				
TAL INORGANICS				

METHOD NUMBER

8260B
CLP
CLP
CLP
8260B
CLP
CLP
8260B
CLP
CLP
8260B
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION METHOD

HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME REQUIRED

3 X 40 mL
2 X 1 LAG
1 X 1 LP
X 1 LP
X 40 mL
X 1 LAG
X 1 LP
X 1 LP
X 1 LP
X 40 mL
X 1 LAG
X 1 LP
X 1 LP
X 40 mL
X 1 LAG
X 1 LP
X 1 LP

SAMPLE COLLECTED

☒ VOC
☒ SVOC
☒ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES ☒ NO ☐ NUMBER OF GALLONS GENERATED

NOTES

All equipment used either dedicated or decontaminated prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

1st QTR '24'
ARCHE

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	Buffalo Color Corporation	SAMPLE ID	1st QTR '24'	ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID	RFI-29	SAMPLE EVENT	ARCHE	
TIME	START 13:05 END 14:10	JOB NUMBER	15011	
			SAMPLER	Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.81 FT	WELL DEPTH	15.2 FT	WELL DIAMETER	2.0 IN
Well Conversion Factors 1" = 0.04 gal/foot water 4" = 0.66 gal/foot water 2" = 0.17 gal/foot water 6" = 1.5 gal/foot water					
3 purge volumes = 8.39 x 0.17 = 1.42 gallons					
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES ☐ NO ☐					
TIME OF SAMPLE COLLECTION 14:05					

NAPL REMOVAL METHOD

☐ BAILER	DEPTH TO NAPL	ND	FT
☒ PERISTALTIC PUMP	NON DETECT (ND)		
☐ ABSORBENT SOCK	NAPL VOL. REMOVED		GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
13:10		7.33		10.57	1.61	7.79	10.29	0.0	25	
13:15		7.46		10.43	1.61	7.83	10.42	0.0	16	
13:20		7.53		10.30	1.62	7.84	8.44	0.0	-28	
13:25		7.57		10.21	1.63	7.85	8.04	0.0	-173	
13:30		7.63		10.11	1.65	7.87	8.95	0.0	-161	
13:35		7.69		9.94	1.64	7.88	1.09	0.0	-192	
13:40		7.73		9.96	1.63	7.89	1.01	0.0	-212	
13:45		7.81		9.84	1.60	7.91	1.27	0.0	-225	
13:50		7.75		10.15	1.54	7.91	1.45	0.0	-228	
13:55		7.73		10.17	1.54	7.92	1.69	0.0	-239	
14:00		7.74		10.12	1.57	7.93	1.64	0.0	-231	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☐ YSI 556 MPS W/ FLOW CELL	☐ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☒ HORIBA U-50 W/ FLOW CELL	☒ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
DUPLICATE	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
	☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
	☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
MS	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
	☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
MSD	☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	
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NOTES

All equipment used either dedicated or decontaminated prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

Client Information			Lab PHL			Carrier Tracking No(s)			COC No:					
Client Contact:			Schove, John R			OSC			480-195997-6267.1					
Kirsten Colligan			E-Mail:			John.Schove@et.eurofinsus.com			Page: 1 of 1					
Company:			Ontario Specialty Contracting, Inc.			PWSID:			Job #:					
Address:			140 Lee St.			Due Date Requested:			Preservation Codes:					
City:			Buffalo			TAT Requested (days):			D - HNO3					
State, Zip:			NY, 14210			Compliance Project:			A - HCL					
Phone:			716-856-3333			PO #:			N - None					
Email:			kcolligan@oscinc.com			WO #:			S - H2SO4					
Project Name:			OSC - Former Buffalo Color Sites/ Event Desc: Buffalo Color Area			Project #:			Other:					
Site:			New York			SSOW#:			Special Instructions/Note:					
Sample Identification			Sample Date	Sample Time	Sample Type (C-comp, G-grab)	Matrix (Water, Sealed, On-waste/foil, BT-Tissue, A-Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B, 7470A	8260B - TCL VOCs	8270D - TCL SVOCs + aniline	SM5310D - Organic Carbon, Total (TOC)	D516 - Sulfate	Total Number of Containers
BCC Area E MW-E05	5-30-24	12:15	G	Water										
BCC Area E RFI-29		13:30	G	Water										
BCC Area E RFI-32A		10:55	G	Water										
BCC Area E RFI-33		9:20	G	Water										
BCC Area E RFI-33 D		9:35	G	Water										
BCC Area E RFI-33 MS		9:25	G	Water										
BCC Area E RFI-33 MSD		9:30	G	Water										
TRIP BLANK		9:20	G	Water										
BCC Area E RFI-32A		10:55	G	Water										
Possible Hazard Identification														
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological														
Deliverable Requested: I, II, III, IV, Other (specify)														
Empty Kit Relinquished by:														
Relinquished by: <i>John R. Schove</i> Date: 5-30-24 15:30 Company: OSC														
Relinquished by:														
Relinquished by:														
Custody Seal No.: 2579168														
Custody Seals Intact: ☒ Yes ☐ No														

2nd QTR '24"
"Area E"

FIELD DATA RECORD - GROUNDWATER SAMPLING										
PROJECT	Buffalo Color Corporation		SAMPLE ID	2nd QTR '24'		ONTARIO SPECIALTY CONTRACTING, INC				
WELL ID	RFI-33		SAMPLE EVENT	Area E		SAMPLE DATE 5-30-24				
TIME	START 8:15 END 9:40		JOB NUMBER	16011		SAMPLER Taylor Kunzelman				
WATER LEVEL / PUMP SETTINGS			Well Conversion Factors			NAPL REMOVAL METHOD				
STATIC DEPTH TO WATER	3.27 FT		$1" = 0.04 \text{ gal/foot water}$ $2" = 0.17 \text{ gal/foot water}$ $4" = 0.66 \text{ gal/foot water}$ $6" = 1.5 \text{ gal/foot water}$			☐ BAILER ☒ PERISTALTIC PUMP ☐ ABSORBENT SOCK				
WELL DEPTH	9.7 FT		$\frac{6.43}{\text{water column}} \times \frac{0.17}{\text{conversion}} = \frac{1.09}{1 \text{ purge volume}}$			DEPTH TO NAPL NON DETECT (ND) ND FT				
WELL DIAMETER	2.0 IN		$3 \text{ purge volumes} = \frac{3.27}{\text{gallons}} \text{ gallons}$			NAPL VOL REMOVED GAL				
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES ☐ NO ☐			$\frac{3.27}{\text{gallons}} \times \frac{0.26 \text{ gal/min}}{\text{flow rate}} = \frac{12.57}{\text{minutes to pump}}$							
TIME OF SAMPLE COLLECTION 9:20										
PURGE DATA										
TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/min)	TEMP (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:30		5.12		14.63	0.870	8.22	0.13	22.9	82	
8:35		5.22		14.32	0.820	7.89	0.12	11.2	76	
8:40		5.37		14.21	0.773	7.52	0.12	0.0	70	
8:45		5.46		14.12	0.760	7.37	0.13	0.0	69	
8:50		5.62		14.08	0.760	7.31	0.14	0.0	69	
8:55		5.71		14.07	0.761	7.30	0.08	0.0	69	
9:00		5.75		14.05	0.764	7.24	0.17	0.0	70	
9:05		5.82		14.01	0.769	7.21	1.12	0.0	70	
9:10		5.93		13.97	0.771	7.17	0.92	0.0	71	
9:15		6.08		13.97	0.772	7.12	0.91	0.0	71	
EQUIPMENT DOCUMENTATION										
TYPE OF PUMP			TYPE OF TUBING			TYPE OF WATER QUALITY METER		TYPE OF WATER LEVEL DEVICE		
☐ WAILER ☐ SIMCO BLADDER ☒ GEOPUMP PERISTALTIC PUMP			☒ SILICONE ☐ HIGH DENSITY POLYETHYLENE ☐ OTHER			☐ YSI 556 MPS W/ FLOW CELL ☒ HORIBA U-50 W/ FLOW CELL ☐ OTHER		☐ GEOTECH INTERFACE METER ☒ SOLINST WATER METER ☐ OTHER		
ANALYTICAL PARAMETERS										
To Be Collected		METHOD NUMBER		PRESERVATION METHOD		VOLUME REQUIRED		SAMPLE COLLECTED		
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3	X 40 mL	☒ VOC				
	☒ SVOC	CLP	4 DEG. C	2	X 1 LAG	☒ SVOC				
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1	X 1 LP	☒ TAL INORGANICS				
	☒ TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐ TAL INORGANICS (FILTERED)				
DUPLICATE	☐ VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐ VOC				
	☐ SVOC	CLP	4 DEG. C		X 1 LAG	☐ SVOC				
	☐ TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐ TAL INORGANICS				
	☐ TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐ TAL INORGANICS (FILTERED)				
MS	☐ VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐ VOC				
	☐ SVOC	CLP	4 DEG. C		X 1 LAG	☐ SVOC				
	☐ TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐ TAL INORGANICS				
	☐ TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐ TAL INORGANICS (FILTERED)				
MSD	☐ VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐ VOC				
	☐ SVOC	CLP	4 DEG. C		X 1 LAG	☐ SVOC				
	☐ TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐ TAL INORGANICS				
	☐ TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐ TAL INORGANICS (FILTERED)				
PURGE OBSERVATIONS										
PURGE WATER CONTAINERIZED YES ☒ NO ☐			NUMBER OF GALLONS GENERATED							
NOTES										
All equipment used either dedicated or decontaminated prior to arrival on site. No rinseate / field blank required										
SIGNATURE: _____										
COMMENTS										
MS, MSD, D 9:25 9:30 9:35										

2nd Q 24"
"Area E"

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Buffalo Color Corporation
WELL ID: RFI-32A
TIME: START 9:50 END 11:05
SAMPLE ID: 2nd QTR '24'
SAMPLE EVENT: Area E
JOB NUMBER: 16011
SAMPLER: Taylor Kunzelman
ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE: 5-30-24

WATER LEVEL / PUMP SETTINGS
Well Conversion Factors
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water
NAPL REMOVAL METHOD
☐ BAILER
☒ PERISTALTIC PUMP
☐ ABSORBENT SOCK
DEPTH TO NAPL
NON DETECT (ND) ND FT
NAPL VOL. REMOVED GAL
STATIC DEPTH TO WATER 4.31 FT
WELL DEPTH 15.3 FT
WELL DIAMETER 2.0 IN
WELL PROTECTIVE CASING
INTACT AND PROPERLY SECURED YES ☐ NO ☐
TIME OF SAMPLE COLLECTION 10:53
10.99 water column x 0.17 conversion = 1.86 1 purge volume
3 purge volumes = 5.58 gallons
5.58 gallons x 0.26 gal/min flow rate = 21.46 minutes to pump

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
10:00	6.81			17.25	2.44	6.77	4.34	20.3	-23	
10:05	7.27			16.64	2.53	6.77	4.09	18.2	-42	
10:10	7.62			16.51	2.55	6.77	3.72	14.7	-35	
10:15	7.98			16.33	2.56	6.77	3.78	2.3	-27	
10:20	8.23			16.16	2.57	6.77	2.39	3.7	-23	
10:25	8.44			16.00	2.58	6.77	2.46	8.9	-0.1	
10:30	8.74			16.03	2.57	6.77	2.36	8.7	-20	
10:35	9.04			16.02	2.57	6.77	2.16	8.4	-21	
10:40	9.22			15.97	2.58	6.77	2.31	8.0	-21	
10:45	9.59			15.91	2.58	6.77	2.28	7.8	-25	
10:50	10.02			16.78	2.82	6.78	2.27	7.3	-35	

EQUIPMENT DOCUMENTATION
TYPE OF PUMP: ☐ WAILER ☐ SIMCO BLADDER ☒ GEOPUMP PERISTALTIC PUMP
TYPE OF TUBING: ☒ SILICONE ☒ HIGH DENSITY POLYETHYLENE ☐ OTHER
TYPE OF WATER QUALITY METER: ☐ YSI 556 MPS W/ FLOW CELL ☒ HORIBA U-50 W/ FLOW CELL ☐ OTHER
TYPE OF WATER LEVEL DEVICE: ☐ GEOTECH INTERFACE METER ☒ SOLINST WATER METER ☐ OTHER

ANALYTICAL PARAMETERS									
To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED			
STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC			
	☒	SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC			
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS			
DUPLICATE	☐	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)			
	☐	VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC			
	☐	SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC			
MS	☐	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS			
	☐	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)			
	☐	VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC			
MSD	☐	SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC			
	☐	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS			
	☐	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)			

PURGE OBSERVATIONS
PURGE WATER CONTAINERIZED YES ☒ NO ☐
NUMBER OF GALLONS GENERATED
NOTES
All equipment used either dedicated or decontaminated prior to arrival on site. No rinse / field blank required
SIGNATURE: _____
COMMENTS

2nd Q '24"
"Area E"

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT Buffalo Color Corporation SAMPLE ID 2nd QTR '24' ONTARIO SPECIALTY CONTRACTING, INC.
WELL ID MW-E05 SAMPLE EVENT Area E SAMPLE DATE 5-30-24
TIME START 11:15 END 12:20 JOB NUMBER 16011 SAMPLER Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER 5.36 FT
WELL DEPTH 15.6 FT
WELL DIAMETER 2.0 IN

Well Conversion Factors

1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

10.24 water column x 0.17 conversion = 1.74 1 purge volume

3 purge volumes = 5.22 gallons

NAPL REMOVAL METHOD

☐ BAILER
☒ PERISTALTIC PUMP
☐ ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND) ND FT

NAPL VOL. REMOVED GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES ☐ NO ☐ 5.22 gallons x 0.26 gal/min = 20.07 minutes to pump
TIME OF SAMPLE COLLECTION 12:15

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/min)	TEMP (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:25	0.47	5.47		14.56	1.36	6.72	10.56	0.0	133	
11:30	5.47	5.47		14.25	1.37	6.71	8.66	0.0	140	
11:35	5.41	5.41		13.93	1.37	6.67	7.22	0.0	146	
11:40	5.46	5.46		13.81	1.37	6.66	7.35	0.0	144	
11:45	5.41	5.41		13.84	1.37	6.65	6.55	0.0	148	
11:50	5.43	5.43		13.87	1.38	6.62	6.63	0.0	152	
11:55	5.47	5.47		13.88	1.38	6.70	6.62	0.0	150	
12:00	5.44	5.44		13.92	1.38	6.71	6.59	0.0	150	
12:05	5.42	5.42		13.93	1.38	6.71	6.64	0.0	150	
12:10	5.43	5.43		13.91	1.38	6.71	6.63	0.0	150	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

☐ WAILER
☐ SIMCO BLADDER
☒ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

☒ SILICONE
☒ HIGH DENSITY POLYETHYLENE
☐ OTHER

TYPE OF WATER QUALITY METER

☐ YSI 556 MPS W/ FLOW CELL
☒ HORIBA U-50 W/ FLOW CELL
☐ OTHER

TYPE OF WATER LEVEL DEVICE

☐ GEOTECH INTERFACE METER
☒ SOLINST WATER METER
☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected

STANDARD	X	VOC
	☒	SVOC
	☒	TAL INORGANICS
	☒	TAL INORGANICS (FILTERED)
	☐	VOC
	☐	SVOC
	☐	TAL INORGANICS
	☐	TAL INORGANICS (FILTERED)
	☐	VOC
	☐	SVOC
	☐	TAL INORGANICS
	☐	TAL INORGANICS (FILTERED)
	☐	VOC
	☐	SVOC
	☐	TAL INORGANICS
	☐	TAL INORGANICS (FILTERED)

METHOD NUMBER

8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION METHOD

HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME REQUIRED

3 X 40 mL
2 X 1 LAG
1 X 1 LP
X 1 LP
X 40 mL
X 1 LAG
X 1 LP
X 1 LP
X 40 mL
X 1 LAG
X 1 LP
X 1 LAG
X 40 mL
X 1 LAG
X 1 LP
X 1 LAG
X 40 mL
X 1 LAG
X 1 LP
X 1 LP

SAMPLE COLLECTED

☒ VOC
☒ SVOC
☒ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)
☐ VOC
☐ SVOC
☐ TAL INORGANICS
☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES ☒ NO ☐ NUMBER OF GALLONS GENERATED

NOTES

All equipment used either dedicated or decontaminated prior to arrival on site. No rinsewater / field blank required

SIGNATURE: _____

COMMENTS

Chain of Custody Record



Client Information
Client Contact: Taylor Kuzelman
Address: 716-480-3282
Company: Ontario Specialty Contracting, Inc.
Address: 40 Lee St.
City: Buffalo
State: NY
Zip: 14210
Phone: 716-480-3282
Email: colligan@oscinc.com
Project Name: ISC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area
Site: New York

Lab PM: Schove, John R
E-Mail: John.Schove@et.eurofins.com
Carrier Tracking No(s): OSC
State of Origin: NY
Page: Page 1 of 1
Job #: 16011

Analysis Requested
Due Date Requested: 2 weeks
TAT Requested (days): Standard
Compliance Project: Δ Yes Δ No
PO #: 66006
WO #: 67603
Project #: 48003159
SSOW#:

Sample Identification
Sample ID: 9-9-24
Sample Date: 11.25
Sample Time: 12:30
Sample Type: G
Matrix: Water
Preservation Code: G
Field Filtered Sample (Yes or No): X
Perform MS/MSD (Yes or No): X
6010B, 7470A
8260B - TCL VOCs
8270D - TCL SVOCs + aniline
SM5310D - Organic Carbon, Total (TOC)
D516 - Sulfate
Total Number of Containers: 3

Special Instructions/Note:
CC Area E MW-E05
CC Area E RFI-29
CC Area E RFI-32A
CC Area E RFI-33
CC Area E RFI-32A D
CC Area E RFI-32A MS
CC Area E RFI-32A MSD
RIP BLANK
CC Area E RFI-32A

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
Other: CC Area E RFI-32A

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

Special Instructions/QC Requirements:
Requisitioned by: Taylor Kuzelman
Date: 0-9-24 15:00
Company: OSC
Revised by:
Date:
Method of Shipment:
Date/Time:

"3Q AREN E"
"24"

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT Buffalo Color Corporation SAMPLE ID 3RD QTR '24' ONTARIO SPECIALTY CONTRACTING, INC

WELL ID RFI-32A SAMPLE EVENT AREN E SAMPLE DATE 9-9-24

TIME START 8:00 END 9:30 JOB NUMBER 16011 SAMPLER Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER 5.96 FT

WELL DEPTH 15.3 FT

WELL DIAMETER 2.0 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED YES ☐ NO ☐

TIME OF SAMPLE COLLECTION 9:00

Well Conversion Factors

1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

water column 9.34 x conversion 0.17 = 1.58 1 purge volume

3 purge volumes = 4.74 gallons

gallons x flow rate 0.26 gal/min = 18.23 minutes to pump

NAPL REMOVAL METHOD

☐ BAILER
☒ PERISTALTIC PUMP
☐ ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND) ND FT

NAPL VOL REMOVED ND GAL

PURGE DATA										
TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:10		6.26		17.21	3.08	6.46	0.51	0.0	-152	
8:15		6.64		16.73	2.97	6.56	0.51	0.0	-144	
8:20		7.14		16.64	2.72	6.56	0.50	0.0	-133	
8:24		7.56		16.82	2.59	6.48	0.51	0.0	-123	
8:30		7.81		16.88	2.53	6.41	0.52	0.0	-119	
8:35		8.19		16.96	2.50	6.36	0.50	0.0	-118	
8:40		8.44		16.80	2.48	6.34	0.49	0.0	-119	
8:45		8.69		16.85	2.46	6.32	0.48	0.0	-120	
8:50		9.11		16.78	2.46	6.31	0.47	0.0	-120	
8:55		9.45		16.76	2.45	6.30	0.45	0.0	-121	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP ☐ WAILER ☐ SIMCO BLADDER ☒ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING ☒ SILICONE ☒ HIGH DENSITY POLYETHYLENE ☐ OTHER

TYPE OF WATER QUALITY METER ☐ YSI 556 MPS W/ FLOW CELL ☒ HORIBA U-50 W/ FLOW CELL ☐ OTHER

TYPE OF WATER LEVEL DEVICE ☐ GEOTECH INTERFACE METER ☒ SOLINST WATER METER ☐ OTHER

ANALYTICAL PARAMETERS							
To Be Collected			METHOD	PRESERVATION	VOLUME	SAMPLE	
			NUMBER	METHOD	REQUIRED	COLLECTED	
STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒	VOC
	☒	SVOC	CLP	4 DEG. C	2 X 1 LAG	☒	SVOC
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☒	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES ☒ NO ☐ NUMBER OF GALLONS GENERATED 4.74

NOTES

All equipment used either dedicated or decontaminated prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

D-9:05
MS-9:10
MSD-9:15

"3Q Area E"
"24"

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT

Buffalo Color Corporation

SAMPLE ID

3RD QTR '24'

ONTARIO SPECIALTY CONTRACTING, INC

WELL ID

RFI-33

SAMPLE EVENT

Area E

SAMPLE DATE

9-9-24

TIME

START 9:30 END 10:30

JOB NUMBER

16011

SAMPLER

Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

Well Conversion Factors

NAPL REMOVAL METHOD

1" = 0.04 gal/foot water

4" = 0.66 gal/foot water

☐ BAILER

☒ PERISTALTIC PUMP

☐ ABSORBENT SOCK

2" = 0.17 gal/foot water

6" = 1.5 gal/foot water

DEPTH TO NAPL

NON DETECT (ND)

ND

FT

STATIC DEPTH TO WATER

1.47

FT

WELL DEPTH

9.7

FT

WELL DIAMETER

2.0

IN

water column

8.23

x

conversion

0.17

=

1.39

1 purge volume

3 purge volumes

=

4.17

gallons

NAPL VOL REMOVED

GAL

WELL PROTECTIVE CASING

INTACT AND PROPERLY SECURED

YES

☐

NO

☐

TIME OF SAMPLE COLLECTION

10:20

gallons

x

flow rate

0.26 gal/min

=

16.05

minutes to pump

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:35		1.53		20.47	0.560	6.33	0.37	0.0	47	
9:40		1.61		20.41	0.560	6.30	0.36	0.0	45	
9:45		1.73		20.46	0.552	6.34	0.36	0.0	44	
9:50		1.84		20.53	0.548	6.38	0.36	0.0	43	
9:55		1.92		20.57	0.543	6.47	0.36	0.0	41	
10:00		2.12		20.58	0.539	6.63	0.35	0.0	40	
10:05		2.32		20.60	0.536	6.78	0.34	0.0	39	
10:10		2.44		20.63	0.534	6.81	0.34	0.0	39	
10:15		2.56		20.63	0.535	6.80	0.34	0.0	39	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

☐ WAILER

☐ SIMCO BLADDER

☒ GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

☒ SILICONE

☒ HIGH DENSITY POLYETHYLENE

☐ OTHER

TYPE OF WATER QUALITY METER

☐ YSI 556 MPS W/ FLOW CELL

☒ HORIBA U-50 W/ FLOW CELL

☐ OTHER

TYPE OF WATER LEVEL DEVICE

☐ GEOTECH INTERFACE METER

☒ SOLINST WATER METER

☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected

METHOD NUMBER

PRESERVATION METHOD

VOLUME REQUIRED

SAMPLE COLLECTED

STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
DUPLICATE	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
	☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
	☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
MS	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
	☐ VOC	8260B	HCL / 4 DEG. C	X 40 mL	☐ VOC
MSD	☐ SVOC	CLP	4 DEG. C	X 1 LAG	☐ SVOC
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED

YES

☒

NO

☐

NUMBER OF GALLONS GENERATED

NOTES

All equipment used either dedicated or decontaminated prior to arrival on site. No rinseate / field blank required

SIGNATURE:

COMMENTS

3Q Area E"
"24"

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT

Buffalo Color Corporation

SAMPLE ID

3RD QTR '24'

ONTARIO SPECIALTY CONTRACTING, INC

WELL ID

MW-E05

SAMPLE EVENT

Area E

SAMPLE DATE

9-9-24

TIME

START 10:35

END 11:30

JOB NUMBER

16011

SAMPLER

Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

Well Conversion Factors

NAPL REMOVAL METHOD

1" = 0.04 gal/foot water

4" = 0.66 gal/foot water

BAILER

X

PERISTALTIC PUMP

ABSORBENT SOCK

STATIC DEPTH TO WATER

5.81

FT

2" = 0.17 gal/foot water

6" = 1.5 gal/foot water

DEPTH TO NAPL

NON DETECT (ND)

ND

FT

WELL DEPTH

15.6

FT

water column

9.79

x

conversion

0.17

=

1.66

1 purge volume

NAPL VOL REMOVED

GAL

WELL DIAMETER

2.0

IN

3 purge volumes =

4.98

gallons

WELL PROTECTIVE CASING

INTACT AND PROPERLY SECURED

YES

NO

TIME OF SAMPLE COLLECTION

11:25

gallons

x

flow rate

0.26 gal/min

=

18.15

minutes to pump

PURGE DATA

SPECIFIC

TIME

VOL (gal)

DEPTH TO WATER (ft)

PURGE RATE (ml/min)

TEMP (deg. C)

CONDUCTANCE (ms/cm)

pH (units)

DISS O2 (mg/L)

TURBIDITY (ntu)

REDOX (ORP)

COMMENTS

10:40

5.86

18.23

1.20

6.66

0.02

0.0

12.7

10:45

5.84

18.05

1.21

6.69

0.12

0.0

12.8

10:50

5.85

17.92

1.21

6.55

5.63

0.0

12.4

10:55

5.82

18.16

1.22

6.53

2.48

0.0

12.8

11:00

5.86

18.15

1.22

6.53

2.41

0.0

12.4

11:05

5.91

18.04

1.23

6.52

2.38

0.0

12.4

11:10

5.84

18.04

1.23

6.52

2.48

0.0

12.4

11:15

5.84

18.08

1.23

6.54

2.33

0.0

12.4

11:20

5.90

18.09

1.23

6.53

2.38

0.0

12.4

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

TYPE OF TUBING

TYPE OF WATER QUALITY METER

TYPE OF WATER LEVEL DEVICE

WAILER

SIMCO BLADDER

X

GEOPUMP PERISTALTIC PUMP

X

SILICONE

X

HIGH DENSITY POLYETHYLENE

OTHER

YSI 556 MPS W/ FLOW CELL

X

HORIBA U-50 W/ FLOW CELL

OTHER

GEOTECH INTERFACE METER

X

SOLINST WATER METER

OTHER

ANALYTICAL PARAMETERS

To Be Collected

STANDARD

MS

MSD

METHOD

PRESERVATION

VOLUME REQUIRED

SAMPLE COLLECTED

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)

VOC

8260B

HCL / 4 DEG. C

X 40 mL

VOC

SVOC

CLP

4 DEG. C

X 1 LAG

SVOC

TAL INORGANICS

CLP

HNO3 to pH <2

X 1 LP

TAL INORGANICS

TAL INORGANICS

CLP

HNO3 to pH <2

X 1 LP

TAL INORGANICS (FILTERED)

VOC

8260B

HCL / 4 DEG. C

X 40 mL

VOC

SVOC

CLP

4 DEG. C

X 1 LAG

SVOC

TAL INORGANICS

CLP

HNO3 to pH <2

X 1 LP

TAL INORGANICS

TAL INORGANICS

CLP

HNO3 to pH <2

X 1 LP

TAL INORGANICS (FILTERED)

VOC

8260B

HCL / 4 DEG. C

X 40 mL

VOC

SVOC

CLP

4 DEG. C

X 1 LAG

SVOC

TAL INORGANICS

CLP

HNO3 to pH <2

X 1 LP

TAL INORGANICS

TAL INORGANICS

CLP

HNO3 to pH <2

X 1 LP

TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

COMMENTS

PURGE WATER CONTAINERIZED

YES

X

NO

NUMBER OF GALLONS GENERATED

NOTES

All equipment used either dedicated or decontaminated prior to arrival on site. No rinseate / field blank required

SIGNATURE:

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT	Buffalo Color Corporation	SAMPLE ID	3RD QTR '24'	ONTARIO SPECIALTY CONTRACTING, INC
WELL ID	RFI-27	SAMPLE EVENT	Area E	SAMPLE DATE 9-9-24
TIME	START 11:35 END 12:40	JOB NUMBER	16011	SAMPLER Taylor Kunzelman

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.21	FT
WELL DEPTH	15.2	FT
WELL DIAMETER	20	IN

Well Conversion Factors

$1'' = 0.04 \text{ gal/foot water}$
 $2'' = 0.17 \text{ gal/foot water}$
 $4'' = 0.66 \text{ gal/foot water}$
 $6'' = 1.5 \text{ gal/foot water}$

$$\frac{7.99}{\text{water column}} \times \frac{0.17}{\text{conversion}} = \frac{1.35}{1 \text{ purge volume}}$$

3 purge volumes = 4.05 gallons

NAPL REMOVAL METHOD

	BAILER
X	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL REMOVED		GAL

WELL PROTECTIVE CASING
INTACT AND PROPERLY SECURED

YES ☐ NO

$$\frac{4.05}{\text{gallons}} \times \frac{0.26 \text{ gal/min}}{\text{flow rate}} = \frac{15.57}{\text{minutes to pump}}$$
TIME OF SAMPLE
COLLECTION

12:30

PURGE DATA

PURGE DATA		SPECIFIC								COMMENTS
TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	
11:40		7.58		20.39	1.87	7.45	0.36	0.0	-138	
11:45		7.64		20.38	1.87	7.52	1.14	0.0	-157	
11:50		7.69		20.23	1.87	7.57	1.36	0.0	-163	
11:55		7.75		20.26	1.88	7.63	1.51	0.0	-170	
12:00		7.79		20.29	1.89	7.70	1.96	0.0	-181	
12:05		7.81		20.26	1.88	7.70	0.96	0.0	-188	
12:10		7.82		20.32	1.88	7.72	1.12	0.0	-201	
12:15		7.85		20.36	1.88	7.70	0.88	0.0	-215	
12:20		7.85		20.39	1.88	7.73	0.29	0.0	-218	
12:25		7.87		20.37	1.88	7.75	0.29	0.0	-216	

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

	YSI 556 MPS W/ FLOW CELL
X	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

	GEOTECH INTERFACE METER
X	SOLINST WATER METER
	OTHER

ANALYTICAL PARAMETERS

To Be Collected

	MSD	MS	DUPLICATE	STANDARD	
				X	VOC
				X	SVOC
				X	TAL INORGANICS
					TAL INORGANICS
					VOC
					SVOC
					TAL INORGANICS
					TAL INORGANICS
					VOC
					SVOC
					TAL INORGANICS
					TAL INORGANICS
					VOC
					SVOC
					TAL INORGANICS
					TAL INORGANICS

METHOD
NUMBER

8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION

METHOD

HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME

REQUIRED

3	X 40 mL
2	X 1 LAG
1	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP

SAMPLE

COLLECTED

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER
CONTAINERIZED

YES ☒ NO ☐

NUMBER OF GALLONS
GENERATED

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: _____

COMMENTS

Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Appendix C – Imported Material



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 9
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7275
www.dec.ny.gov

August 13, 2024

Todd Waldrop
Inventum Engineering
441 Carlisle Drive, Suite C
Herndon, Virginia 20170

Dear Todd Waldrop:

Site Management (SM)
Import Request
Buffalo Color Corporation Area E Site
Buffalo, Erie County, Site No.: **C915232**

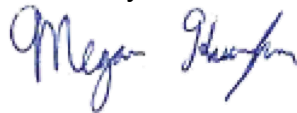
The Department has reviewed your request received August 12, 2024 to import approximately 50 cubic yards of 1A stone from Holcim Aggregates and Asphalt. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, this material may be placed below the demarcation barrier or above the demarcation layer as part of final site cover.

Testing in accordance with DER-10 and approval by the Department is required for any additional material imported from this source.

If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

Sincerely,



Megan Kuczka
Environmental Program Specialist – 1

MK/ds

ec: Eugene Melnyk, P.E., Project Manager, NYSDEC Region 9
Jon Williams, South Buffalo Development, LLC



Department of
Environmental
Conservation

Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Appendix D – Photograph Log



Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No. 1		
Direction Photo Taken: Looking south		
Description: Re-graded and seeding corrective measures restoration area south of field house.		
Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No. 2		
Direction Photo Taken: Looking east		
Description: Monitoring well RFI- 29 (foreground) and MW-E05 (background).		



Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No. 3		
Direction Photo Taken: Looking west		
Description: Drainage depression north of the field house.		
Client Name:	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No. 4		
Direction Photo Taken: Looking south		
Description: East of the field house.		



Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No. 5		
Direction Photo Taken:		
Description: Desiccation cracking between the field house foundation and the cover system.		
Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No. 6		
Direction Photo Taken:		
Description: Imported gravel placed around fieldhouse foundation		



Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No. 7		
Direction Photo Taken: Looking south		
Description: Cover system		
Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area E
Photo No.		
Direction Photo Taken:		
Description:		



Buffalo Color Corporation Site Area E Site Management Periodic Review Report
100 Lee Street (f/k/a 85 Lee Street) et. al, Buffalo, New York
NYSDEC Site Number C915232
Dates Covered by Report: October 5, 2023 to October 5, 2024

Appendix E – Cover System Survey – April 2024



