INVENTUM ENGINEERING, PC

January 31, 2022

Megan Kuczka
Project Manager
New York State Department of Environmental Conservation
270 Michigan Ave
Buffalo, NY 14203-2915.

Re: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Buffalo Color Corporation Site Area C
Site No.: C915231
Site Address: 229 Elk Street
Buffalo, New York 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 Area C Site (referred hereafter as the Site). This report documents the implementation of, and compliance with, site-specific SM requirements for the reporting period of October 5, 2020 to October 5, 2021.

The revised report incorporates comments on the PRR received from the New York State Department of Environmental Conservation (NYSDEC) in an e-mail dated December 17, 2021. The NYSDEC's comments are reproduced in the bullets below followed by Inventum's response in *italics*.

Questions -

- Is any sampling required by the BSA for the sump discharge? Please provide an updated discharge permit
  Sampling is not required by the BSA. The discharge is covered under the Buffalo Sewer Authority (BSA) State Pollutant Discharge Elimination System (SPDES)general permit.

- Are the apartments occupied onsite? Is there a schedule for when they will be occupied?
  The apartments are not currently occupied. Inventum is unaware at this time of a schedule for their occupation.

- Has indoor air sampling occurred since construction was complete?
  No indoor air sampling has occurred since construction was completed. The Sub-slab Depressurization System (SSDS) test report was included in the PRR.

Revisions -

- Per the January 26, 2021 PRR acceptance letter, duplicate results and field filtered results should be included in the Tables. Please add in.

The PRR has been revised to include duplicate results.

- Please re-label Tables 3 and 4 are there is no Table 2 and revise the references in the text appropriately
  The Tables in the PRR have been re-labeled and text revised in accordance with the comment.

- Groundwater Elevation Data (Table 4) is missing from the PRR, which was included in the 2019-2020. Please add back in.
  Groundwater Elevation Data has been included in the revised PRR as Table 4.

- Section 2.1 – Revise the first paragraph to indicate construction onsite is now complete
  Section 2.1 of the PRR has been revised in accordance with the comment.

- Section 4 – Low-flow sampling was not completed every quarter due to the sock installation. Please note in this section.
  Section 4 of the PRR has been revised in accordance with the comment.

- Table 1 –
  - RFI-31 1,2-dichlorobenzene result should be revised to 6.8 ug/L
  - RFI-31 is missing GWQS exceedance highlights for SVOCs during the certifying period
  - MW-C04 SVOC total in 8/21 should be 0.41 ug/L J
    Table 1 has been revised in accordance with the comments.

- Table 1a –
  - Un-highlight the RFI-20A GWQS exceedance for arsenic in 8/21
  - Highlight the RFI-20A GWQS exceedance for manganese in 5/21
    Table 1a has been revised in accordance with the comments.

- Table 1b –
  - RFI-31 is missing an acetone result in 3/21
  - RFI-20 is missing an acetone result in 5/21
  - RFI-20 is missing a di-n-butyl phthalate result in 5/21
  - Highlight the MW-CO4 GWQS exceedance for methylene chloride in 5/20
    Table 1b has been revised in accordance with the comments.

- Table 2 (Trendlines) – RFI-31A total VOC bullet is incorrect for 3/21, per Table 1
  Table 2 has been revised in accordance with the comment.

- Figure 3 – Does RFI-21D still remain onsite? If not, please remove from the figure.
  Figure 3 has been revised in accordance with the comment.

- Figure 4 – Please carry over all the edits to Table 1 into Figure 4
  Figure 4 has been revised in accordance with the comment.

Please feel free to call with any questions or comments.

Respectfully submitted,

John P. Black, P.E.

President
Enclosures

Enclosures

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 Details **Box 1**

Site No. **C915231**

Site Name Buffalo Color Corporation Site Area C

Site Address: 229 Elk Street Zip Code: 14210
City/Town: Buffalo
County: Erie
Site Acreage: 6.030

Reporting Period: October 05, 2020 to October 05, 2021

	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

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.

Signature of Owner, Remedial Party or Designated Representative Date

	Box 2A	
	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	x
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	x	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

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

Parcel	Owner	Institutional Control
122.12-1-30.1	South Buffalo Development, LLC	
		Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

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

122.12-1-35.1	South Buffalo Development, LLC	
		Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

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

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

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

Box 4

Description of Engineering Controls

Parcel	Engineering Control
122.12-1-30.1	
	Cover System

- Cover System per Site Management Plan.

122.12-1-35.1	
	Cover System

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

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
x	

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
x	

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

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

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

IC CERTIFICATIONS
SITE NO. C915231

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I John P. Black (print name) at 441 Carlisle Dr; Ste C Herndon, VA, 20170 (print business address),

am certifying as Remedial Party (Owner or Remedial Party)

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

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

1/25/2022
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I John P. Black (print name) at 441 Carlisle Dr; Ste C Herndon, VA, 20170 (print business address),

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

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

Stamp (Required for PE)

STATE OF NEW YORK
JOHN P. BLACK
No. 062818-1
LICENSED PROFESSIONAL ENGINEER

Date 1/28/2022

Enclosure B

Buffalo Color Corporation Site Area C
Site Management Periodic Review Report

229 Elk St.
NYSDEC Site Number C915231

Dates Covered by Report:
October 5, 2020 to October 5, 2021

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Executive Summary

1.1 Site Summary

The 6.03-acre Area C Site is located at 229 Elk Street in the City of Buffalo, County of Erie, New York (Figure 1). Area C is one of five areas that comprised the former Buffalo Color Corporation (BCC). BCC produced dyes and organic chemicals until its bankruptcy in 2005. Remedial investigations had previously determined that Site soil contained concentrations of certain metals and organic substances that exceeded the NY Commercial Soil Cleanup Objectives (SCOs). Shallow groundwater on the northern half of Area C was found to contain concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) that exceeded the NY Class GA standards (a/k/a groundwater quality standards or GWQS), a remedial goal.

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

The key remedial actions for the Site included:

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

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

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

Also, during the reporting period, the remedy was enhanced by:

- Operation of a sub slab depressurization system below the building;
- Final enhancements of the cover system to a restricted residential compliant system; and
- Installation of ORC socks in the monitoring well network in an attempt to accelerate the ongoing natural attenuation of constituents in shallow groundwater.

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

1.2 Effectiveness of the Remedial Program

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

- During the redevelopment and reconstruction of the cover there were times when the vegetation and cover thickness was reduced to allow removal and replacement of the topsoil and to allow excavations required for utilities, transition zones, and pavement. During those periods, the site access was limited by the full-time presence of the remedial crews. The cover has been upgraded and the revegetation is ongoing.
- VOCs remain at the Site in groundwater samples from the northern portion as shown by the data from monitoring wells MW-C04, PS-05A, RFI-20A, and RFI-31; however, overall decreasing trends were evident in samples from RFI-31, PS-05A, and RFI-20A. In an attempt to accelerate the attenuation, ORC Socks were placed in MW-C04, RFI-31A, PS-05A, and RFI-20A in Q3 2020. The socks remained in place through Q4 2020 and were removed in Q1 2021 prior to collection of the March 2021 groundwater samples.
- Communication testing of the sub-slab depressurization system was conducted in October 2021. The testing determined that the system was operating as designed (Appendix E).
- No groundwater samples were collected in Q4 2020 while the socks were in place.
- Data from MW-C04, PS-05A, and RFI-20A (Table 2) show a marked decrease in Total VOC concentrations when comparing the average of data collected during the reporting period to the average of the previous two years of data collection. There was an increase in Total VOCs over the same average periods at RFI-31A. Trends in VOC concentrations will continue to be tracked over the next reporting period.
- Tabulated groundwater analytical data, concentration, and groundwater elevation figures are provided in Tables 1, 2 and 4 and shown on Figures 4, 5, 6 and 7.

The Inspection logs are provided as Table 3.

1.2.1 Progress During the Reporting Period

The groundwater system is relatively stable, the rate of attenuation in the northeast corner has not accelerated since the previous reporting period, and the southern portion of the site in the vicinity of monitoring wells MW-C01, PS-04A, and PS-06 has been successfully remediated. The data do show a relative increase in total VOC concentrations in RFI-31A, particularly 1,2,4-Trichlorobenzene and 1,2-Dichlorobenzene, when comparing recent (Q3 2020 through Q3 2021) data with the preceding monitoring events (Table 1). Additional data is necessary to determine any statistical significance to the overall stability of the groundwater system.

ORC socks were placed in four monitoring wells during the reporting period in an attempt to accelerate the ongoing natural attention in shallow groundwater and the data point to some effectiveness of the remedy enhancement.

1.2.2 Progress to Remedial Objectives for the Site

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

- Site inspection reports (Table 3) indicate that the soil cover was intact, or access was restricted, and the remedy remained protective for preventing inadvertent direct contact with impacted soils. During the redevelopment and reconstruction of the cover there were times when the vegetation and cover thickness was reduced to allow removal and replacement of the topsoil and to allow

excavations required for utilities, transition zones, and pavement. During those periods, the site access was limited by the full-time presence of the remedial crews. The cover has been upgraded and construction was completed in Q2 2021.

- The groundwater in the southern portion of the site in the vicinity of monitoring wells MW-C01, PS-04A, and PS-06 has been successfully remediated and the wells were abandoned. Despite the progress, the renovation of the building included an active sub-slab depressurization system designed in accordance with the SMP. The system includes a series of sumps, sump pumps, perforated piping, and fans. The sumps include sump pumps to maintain the groundwater elevation below the slabs and soil vapor extraction piping. The collected water is discharged from the sumps to the BSA Sewer under permit.
- The groundwater concentrations in the northern part of the site remain above the goals for the site, albeit well below the concentrations at the beginning of the remedial action.

1.3 Compliance

The cover system and environmental easement are in place and continue to function as designed following the upgrades completed during the reporting period. Site development was completed in Q2 2021. The minimum thickness of the soil cover system has been increased to 24-inches and a sub-slab depressurization system has been installed, tested, and operated below the building basement. The building basement elevation is below the elevation periodically monitored for the top of groundwater, the space currently being developed as a basement was normally flooded, and therefore the SSD system will be supplemented with sumps and sump pumps to create a soil vapor space below the slabs during those periods when the groundwater rises.

1.3.1 Potential Non-compliance

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

1.3.2 Proposed Steps

The renovation of the building was completed during the reporting period, the minimum thickness of the capping system has been increased in accordance with the site plans. A final as-built site layout drawing is provided in Appendix C. A copy of the City of Buffalo Building Occupancy Permit issued in December 2020 is provided in Appendix D.

A revised Final Engineering Report (FER) and revised SMP will be submitted during the next reporting period. The FER and SMP will be provided to the NYSDEC within 120-days of PRR approval. Following approval of those documents the existing environmental easement will be extinguished and a new environmental easement will be filed.

1.4 Recommendations

1.4.1 Recommended Changes to the SMP

The SMP will be revised and submitted to the NYSDEC within 120-days of PRR approval. The SMP will be modified to include the new cap as-built conditions, a program of communication testing/reporting for the SSD, and any changes to the groundwater monitoring program.

1.4.2 Recommend Changes to the Frequency for Submittal of PRRs

There is no recommended change to the frequency of the PRRs currently.

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 229 Elk Street in the City of Buffalo, County of Erie, New York (Figure 1). The Site is an approximate 6.03-acre area bounded by Elk Street to the north, a rail spur and associated right-of-way to the south, Lee Street to the east, and multiple railroad tracks to the west. A single structure remains on Area C, the former Buffalo Color powerhouse. This structure has been cleared of asbestos and residual chemicals and is currently being renovated for adaptive reuse; commercial, office and restricted residential. The Site is part of the former Buffalo Color Corporation facility, which also included Areas A and B located beyond the rail spur to the south and Area E located across Lee Street to the east (Figure 2). 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 (BCC) 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, BCC 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 monitoring, inspections, environmental investigation, and remediation activities. The remaining buildings and property on Areas A, B, C, D and E were purchased by SBD in 2008.

Beginning in July 2017, OSC on behalf of SBD began the demolition of the 30,000 square feet Icehouse building on Area A. The building was taken down due to structural instability, and the work was completed in December 2017. OSC removed brick and rubble from the building and basement of the Boiler House between February 2018 and April 2018. Following those activities, the brick and block in-fill in the former window openings was removed. The building renovations complete, and portions of the building are occupied by Ontario Specialty Contracting. The capping system has been upgraded to restricted residential standards. Construction on the Site is now complete.

2.2 Chronology of the Remedial Program

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

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

- Excavation and off-Site disposal of approximately 10,527 CY (in-place volume) of VOC-contaminated soils from two locations on the northern side of Area C to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at and downgradient of the excavated areas;
- Utilization of an integrated Site-wide cover system consisting of a combination of (1) 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; (2) existing/new pavement (asphalt or concrete); and/or (3) existing buildings to address human exposure to remaining contamination at the Site;
- Introduction of enhancements for the natural attenuation of organic compounds in groundwater. Regenisis ORC-A was introduced in the backfill used to fill the remedial investigations and introduced in a number of wells on the Site;
- Abandonment/plugging of unused process sewers and installation of new storm sewer infrastructure, as appropriate;
- Execution and recording of an Environmental Easement in favor of NYSDEC to restrict land use and address future exposure to any remaining contamination at the Site. Elements of the Environmental Easement include prohibiting groundwater use, providing protocols for disturbance of Site and, soils and/or groundwater, limiting future land use to commercial or industrial use, and requiring that occupied structures associated with future development at the Site address the vapor intrusion (VI) pathway (either through construction methods or through additional characterization to ensure that the area over which the structure will reside does not present a potential VI concern); and
- Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

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

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

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 and 1A, Section 703.5 - Class GA) are the established groundwater quality objectives for the Site. TestAmerica Laboratories, Inc. in Amherst, NY performed the laboratory analysis for the collected groundwater samples.

Tabulated groundwater analytical data, concentration and groundwater elevation data are provided in Tables 1, 1A, 1B, and 2 and Figures 4 through 7. The data show the groundwater in the southern half of the site has been successfully remediated, while natural attenuation is ongoing in the northern half of the Area C Site.

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.

3.1.1 Controls

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

- 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, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site;
- Protocols for the activities required for disturbance of Site soils and/or groundwater, and
- Contingencies for addressing potential vapor intrusion (VI) pathways of occupied structures associated with future development at the Site.

Compliance with the Site IC/EC's is evaluated through documented quarterly Site-wide and cover system inspections. Site-wide and cover system inspection details for the reporting period are providing in Table 3.

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

The City of Buffalo approved redevelopment of the property in 2019. The RAWP for 2019 included enhancements to the cover (minimum thickness shall be 2-feet), installation of sub-slab depressurization (SSD) beneath the structure to be occupied, improved stormwater management, and enhanced attenuation of constituents in groundwater. These RAWP enhancements have been implemented and a revised FER and revised SMP will be submitted during the next reporting period. The existing environmental easement

will be extinguished, and a new environmental easement will be filed allowing for restricted-residential use.

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 to potential human exposure during the reporting period.

The Site IC/ECs are all currently active and in force.

3.1.3 Corrective Measures

No corrective measures are required.

3.1.4 Conclusions and Recommendations

An FER and revised SMP will be submitted during the next reporting period.

3.2 IC/EC Certification

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

4 Monitoring Plan Compliance Report

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

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

Summary of Monitoring Completed During Reporting Period: Tables 1 through 4 summarize the routine Site monitoring activities that have been completed in accordance with SMP during the reporting period:

Area C 2020 -2021 Quarterly Monitoring Compliance Summary

	2020	2021
Low Flow Shallow Groundwater Sampling		Quarterly
Site-wide and Cover System Inspections	Quarterly	Quarterly

Quarterly sampling was not conducted in Q4 2020 while ORC-A socks were installed in each of the monitoring wells.

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

None.

4.3 Conclusions and Recommendations for Changes

The remedial actions have successfully addressed groundwater impacts in the southern half of Area C. The site completed final redevelopment during the reporting period. No recommendations for changes are made at this time. A revised SMP will be submitted during the next reporting period. Site monitoring will continue in accordance with the existing SMP until the revised SMP is submitted and approved.

5 Operations and Maintenance Plan Compliance Report

5.1 Components of the O&M Plan

The Site remedy does not currently rely on any mechanical systems, such as sub-slab depressurization systems or air sparge/ soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included within the existing SMP.

An active system is required as the former powerhouse building will be occupied in the future, the SMP will be modified during the next reporting period and will and will include operation and maintenance and testing requirements for the sub-slab system.

5.2 Components of the Monitoring Plan

Area C 2020-2021 Quarterly Well Monitoring Summary

Well ID	Monitoring Type	Monitoring Parameters	2020 Q4	2021 Q1	2021 Q2	2021 Q3
MW-C04	Quarterly Sampling	RCL VOCs, TCL SVOCs, TAL Metals		X	X	X
RFI31-RFI31A	Quarterly Sampling	RCL VOCs, TCL SVOCs, TAL Metals		X	X	X
RFI-20-RFI-20A	Quarterly Sampling	RCL VOCs, TCL SVOCs, TAL Metals		X	X	X
PS-05A	Quarterly Sampling	RCL VOCs, TCL SVOCs, TAL Metals		X	X	X

Quarterly sampling was not conducted in Q4 2020 while ORC-A socks were installed in each of the monitoring wells.

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. TestAmerica 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 on Tables 1 and 2. Groundwater elevation data collected during the reporting period is provided on Table 4. Groundwater data is shown on Figure 4 and groundwater elevation contours are represented on Figures 5 through 7. While some progress toward the standards is being made the groundwater, concentrations have largely stabilized at the current concentrations.

5.4 Comparisons with Remedial Objectives

The data that exceeded the GWQSs are presented in Table 1 and on Figure 4.

5.5 Monitoring Deficiencies

None.

5.6 Conclusions and Recommendations for Changes

No changes are recommended at this time.

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

6.1 Summary of O&M Completed During Reporting Period

Inspections and sampling were conducted in accordance with the SMP.

6.2 O&M Deficiencies

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

7 Overall PRR Conclusions and Recommendations

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

7.1 Performance and Effectiveness of the Remedy

The cover system is intact as constructed, and the Site remedy is preventing off-Site migration of Site-related COCs in groundwater. Site groundwater will continue to be monitored as recommended above to determine if the remedy is decreasing COC concentrations in groundwater.

7.2 Future PRR Submittals

It is currently expected that the next PRR will be submitted on or about November 2022.

Tables

Table 1
Groundwater Data Summary
Area C
Former Buffalo Color Corporation

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
MW-C01	11/18/2009	24	<5	6.8	2.8 J	<5	<5	33.6	<5	<5	<10	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	6.2	1.2	5.7	1.2	<1	18	32.3	<5.6	<5.6	<11	2.3 J	<5.6	2.3
	9/30/2011	<4	<4	<4	<4	<4	<4	0	<5.9	<5.9	<12	0.63 J	<5.9	0.63
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.8	<4.8	<9.7	3.2 J	<4.8	3.2
	3/28/2012	3.1	2.2	29	8.3	<1	21	63.6	<4.7	<4.7	<9.4	1.1 J	<4.7	1.1
	6/22/2012	1.2	0.82 J	7.2	1	<1	2.8	13.02	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/17/2012	0.55 J	<1	2.1 J	<1	<1	<1	2.65	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/3/2012	0.5 J	<1	1.7	<1	<1	<1	2.2	<4.8	<4.8	<9.7	<4.8	<4.8	0
	3/27/2013	2.9	1.5	13	1.5	<1	3	21.9	<4.8	<4.8	<9.6	<4.8	<4.8	0
	6/1/2013	3.7	1.5	12	1.3	<1	3.8	22.3	<4.7	<4.7	<9.4	<4.7	<4.7	0.43
	9/5/2013	1	<1	2.9	<1	<1	0.88	4.78	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/2/2013	<4	<4	3.6	<4	<4	<4	3.6	<5	<5	<10	<5	<5	0
	3/21/2014	<1	<1	<1	<1	<1	1.7	1.7	<5	<5	<10	<5	<5	0
	6/19/2014	16	2.6	18	2.9	<1	4.2	43.7	<1.9	<9.4	<9.4	0.31 J	<1.9	3.46
	9/3/2014	1.8 J	<4	5.1	<4	<4	<4	6.9	<5	<5	<10	<5	<5	0
	11/24/2014	2.2	<1	5.7	<1	<1	1.4	9.3	<4.7	<4.7	<9.5	<4.7	<4.7	4.33
	4/2/2015	2.1 J	<4	<4	<4	<4	<4	2.1	<4.6	<4.6	<9.2	<4.6	<4.6	1.92
	6/17/2015	1.8 J	<4	<4	<4	<4	<4	1.8	<4.7	<4.7	<9.4	<4.7	<4.7	1.73
	9/2/2015	1.9	<1	4	<1	<1	1	6.9	<4.7	<4.7	<9.5	<4.7	<4.7	0
	11/5/2015	<1	<1	0.79 J	<1	<1	<1	0.79	<4.6	<4.6	<9.3	<4.6	<4.6	0
	3/30/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	1.1 J	<4.7	<4.7	1.66
	5/23/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	0.74 J	<4.7	<4.7	0.74
	9/7/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.3	0.48 J	<4.6	2.47
	11/3/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.2	<4.6	<4.6	0
	2/28/2017	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/13/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0.75
	8/17/2017	<1	<1	<1	<1	<1	<1	3.1	<5	<5	<10	1 J	<5	12.36
	11/21/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	1.3 J	<5	19.22
	2/27/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	1.1 J	<5	12.01
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	0.59 J	<5	8.57
	8/21/2018	<2	<2	<2	<2	<2	<2	0	<5	<5	<10	<5	<5	11.4
	11/13/2018	<2	<2	<2	<2	<2	<2	2.1	<50	<25	<50	<25	<25	0
	3/20/2019	<4	<4	<4	<4	<4	<4	0	<5	<5	<10	0.72 J	<5	6.08 J
	5/22/2019	<2	<2	<2	<2	<2	<2	0.91 J	<25	<25	<50	2.4 J	<25	20.1 J
	9/5/2019	0.94 J	<2	3.4	<2	<2	<2	5.03	<25	<25	<50	<25	<25	3.7 J
	11/20/2019	1.8 J	3.0	6.6	2.2	<2	9.7	48.21	<5	<5	<10	<5	<5	3.31 J
	3/5/2020	<2	<2	<2	<2	<2	<2	0	<25	<25	<50	<25	<25	5.1 J
	5/19/2020	<2	<2	<2	<2	<2	<2	1.4 J	<25	<25	<50	<25	<25	1.7 J
	June 2020 Well Decommissioned and removed from monitoring program													

Table 1
Groundwater Data Summary
Area C
Former Buffalo Color Corporation

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
MW-C04		No Sample Collected												
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<8	<8	17	29	<8	390	436	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	<1	5.7	17	30	<1	390	442.7	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	<1	5.7	21	36	<1	500	562.7	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/25/2011	<4	4.2	16	29	<4	390	439.2	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	2.6 J	4.4	18	29	<1	330	384	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<1	4.6	16	29	<1	310	359.6	1.1 J	<4.7	0.61 J	<4.7	<4.7	1.71
	9/14/2012	<5	<5	9.4	17	<5	370 J	396.4	<4.8	<4.8	<9.6	<4.8	<4.8	0.92
	12/3/2012	<5	<5	15	27	<5	340	382	<4.9	<4.9	<9.8	<4.9	<4.9	2.41
	3/27/2013	<5	5.3	16	27	<5	290	338.3	<5	<5	<10	<5	<5	1.86
	5/31/2013	<5	5.7	16	28	<5	290	343.9	<4.8	<4.8	<9.5	<4.8	<4.8	1.53
	9/5/2013	<5	5.8	17	28	<5	330	380.8	0.72	<4.9	<9.7	<4.9	<4.9	3.03
	12/3/2013	<5	6.9	24	39	<5	360	429.9	<5	<5	<10	<5	<5	1.71
	3/20/2014	<5	5.4	19	30	<5	260	314.4	<5	<5	<10	<5	<5	1.51
	6/19/2014	<4	7.3	23	37	<4	300	369.4	0.48 J	<9.6	<9.6	<1.9	<1.9	0.48
	9/3/2014	<5	4.7 J	16	28	<5	260	308.7	<5	<5	<10	<5	<5	2.2
	11/24/2014	<5	6	22	36	<5	320	384	0.52 J	<5	<10	<5	<5	6.29
	4/2/2015	<5	4.5 J	20	31	<5	230	285.5	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/17/2015	<5	5.2	23	36	<5	280	358.2	<4.7	<4.7	<9.4	<4.7	<4.7	2.26
	9/2/2015	<1	<1	<1	<1	<1	<1	0	<5.2	<5.2	<10	<5.2	<5.2	0
	11/5/2015	<10	5	24	40	<10	370	439	0.72 J	<4.7	<9.4	<4.7	<4.7	8.25
	3/30/2016	<10	<10	21	34	<10	260	315	<4.7	<4.7	0.62 J	<4.7	<4.7	3.86
	5/23/2016	<10	<10	24	38	<10	340	402	<4.8	<4.8	<9.7	<4.8	<4.8	1.82
	9/7/2016	<10	<10	16	26	<10	230	272	<4.6	<4.6	<9.3	<4.6	<4.6	1.32
	11/3/2016	<10	<10	17	29	<10	320	366	<4.6	<4.6	<9.3	<4.6	<4.6	2.21
	2/28/2017	<10	<10	14	22	<10	150	198	<4.8	<4.8	<9.5	<4.8	<4.8	0
	6/13/2017	<10	<10	14	25	<10	230	269	<5	<5	<10	<5	<5	4.16
	8/17/2017	<10	<10	10	17	<10	140	167	<5	<5	<10	<5	<5	0
	11/21/2017	<1	2.8	16	30	<1	180	228.8	0.98 J	<5	<10	<5	<5	1.75
	2/27/2018	<1	4.6 J	24	41	<1	280	349.6	<5	<5	<10	<5	<5	0
	6/11/2018	<2	4.4	23	40	<2	310	377.4	3.3 J	<5	<10	<5	<5	5.4
	8/21/2018	<5	5.4	31	59F1	<5	480F1	575.4	5.0	<5	0.99 J	<5	<5	7.4
	11/13/2018	<10	<10	28	49	<10	350	435.8	<10	<5	1.0 J	<5	<5	2.6
	3/20/2019	<10	<10	25	49	<10	330 F1	404	0.54 J	<5	<10	<5	<5	3.02
	5/22/2019	<10	<10	27	51	5.0 J	380	470.7	2.7 J	<10	0.80J	<5	<5	3.5 J
	9/4/2019	<10	<10	36	76	<10F2	560F1	672	5.6	<5	0.94J	<5	<5	7.15
	11/20/2019	<10	<10	31	66	<10	410	527	2.9 J	<5	<10	<5	<5	5.4 J
	3/5/2020	5.7	<10	28	60	<10	350	449.1	0.58 J	<5	<10	<5	<5	2.81 J
	5/19/2020	<10	<10	25	60	<10	370	460.4	<5	<5	0.62 J	<5	<5	4.29 J
	8/10/2020	6.1 J	<8	27	56	<8	370	459.1	1.6 J	<5	0.66 J	<5	<5	6.26 J
		No 4th Quarter 2020 Sample. ORC-A Sock application in wells												
	3/23/2021	<10	<10	<10	13	<10	100	113	0.97J	<5	<10	<5	<5	3.41J
	5/25/2021	<10 (<2)	<10 (<2)	<10 (8)	12 (14)	<10 (<2)	85 (110)	97	<5 (<5)	<5 (<5)	<10 (<10)	<5 (<5)	<5 (<5)	1.33J
	8/10/2021	<8	<8	8	14	<8	85	107	<5	<5	<10	<5	<5	0.41J

Table 1
Groundwater Data Summary
Area C
Former Buffalo Color Corporation

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
PS-04A	11/19/2009	<1	<1	<1	<1	<1	0.81 J	0.81	<6.2	<6.2	<12	<6.2	<6.2	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	No Sample Collected												
	9/30/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	11/25/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1	<1	<1	<1	<1	<1	0	<26	<26	<52	<26	<26	0
	6/22/2012	2.2	<1	<1	<1	<1	<1	2.2	No Sample Collected					
	9/14/2012	<1	<1	<1	<1	<1	<1	3.2	No Sample Collected					
	12/3/2012	<1	<1	<1	<1	<1	<1	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	0.73	<1	<1	<1	<1	<1	0.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	5/31/2013	<1	<1	<1	<1	<1	1.2	1.2	<5.1	<5.1	<10	<5.1	<5.1	0
	12/2/2013	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	3/20/2014	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	6/19/2014	<1	<1	<1	<1	<1	<1	0	<1.9	<9.7	<9.7	<1.9	<1.9	0
	11/24/2014	0.74 J	<1	<1	<1	<1	<1	0.74	<4.9	<4.9	<9.7	<4.9	<4.9	3.3
	4/2/2015	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.5	<4.7	<4.7	0
	6/17/2015	0.58 J	<1	<1	<1	<1	<1	0.58	<4.7	<4.7	<9.3	<4.7	<4.7	0.3
	9/2/2015	<1	5.2	23	36	<1	330	399.8	0.7 J	<4.9	<9.8	<4.9	<4.9	4.84
	11/5/2015	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/30/2016	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	5/23/2016	<1	<1	<1	<1	<1	<1	0	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/3/2016	<1	<1	<1	<1	<1	<1	0	<4.6	<4.6	<9.3	<4.6	<4.6	0
	2/28/2017	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.3	<4.7	<4.7	0
	6/13/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	8/17/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	1.39
	11/21/2017	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	1.5
	2/27/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	8/21/2018	Dry Well												
	11/13/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	3/20/2019	<1	<1	<1	<1	<1	<1	0	<10	<5	<10	<5	<5	0.47 J
	5/22/2019	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0.41J
	9/4/2019	No sample collected, well damaged												
	June 2020 Well Decommissioned and removed from monitoring program													

Table 1
Groundwater Data Summary
Area C
Former Buffalo Color Corporation

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
PS-05A	11/17/2009*	<1	5	<1	0.76 J	0.97 J	700	706.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	No Sample Collected												
	9/30/2011	<4	41	<4	<4	<4	1200	1241	<5.3	<5.3	<11	<5.3	<5.3	0
	11/25/2011	<4	11	<4	<4	<4	580	591	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1.4	13	<1	0.96 J	9.5	560	583.46	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<5	58	<5	<5	<5	870	928	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/17/2012	<4	<4	<4	<4	23 J	210	233	<9.8	<9.8	<20	<9.8	<9.8	2.3
	12/4/2012	<4	8.1	<4	<4	<4	490	498.1	<4.8	<4.8	<9.7	<4.8	<4.8	3.4
	3/26/2013	<8	<8	<8	<8	<8	330	337.5	<5	<5	<9.9	<5	<5	4.45
	5/31/2013	<8	8	<8	<8	<8	470	484.5	<4.8	<4.8	<9.6	<4.8	<4.8	8.1
	9/5/2013	<4	4.5	<4	<4	<4	310	329.2	<4.9	<4.9	<9.8	<4.9	<4.9	3.6
	12/2/2013	<4	4.1	<4	<4	<4	210	214.1	<5	<5	<10	<5	<5	1.7
	3/20/2014	<4	<4	<4	<4	16	330	346	<5	<5	<10	<5	0.64	3.44
	6/19/2014	<4	7.8	<4	<4	<4	330	337.8	<1.9	<9.5	<9.5	<1.9	<1.9	99.9
	9/3/2014	<4	<4	<4	<4	<4	220	220	<5	<5	<10	<5	0.67 J	55.37
	11/24/2014	<4	4.6	<4	<4	<4	270	274.6	<5	<5	<10	<5	<5	6.1
	4/2/2015	<4	3.6 J	<4	<4	10	320	333.6	<4.8	<4.8	<9.5	<4.8	<4.8	3.6
	6/17/2015	<4	9.6	<4	<4	<4	390	399.6	<4.7	<4.7	<9.4	<4.7	<4.7	2.9
	9/2/2015	<4	<4	<4	<4	<4	170	170	<5	<5	<10	<5	<5	1.7
	11/5/2015	<5	4.3 J	<5	<5	<5	280	284.3	<4.6	<4.6	<9.3	<4.6	<4.6	2.16
	3/30/2016	<5	<5	<5	<5	<5	180	180	<4.7	<4.7	<9.4	<4.7	<4.7	3
	5/23/2016	<5	4.1 J	<5	<5	<5	250	254.1	<5	<5	<10	<5	<5	1.1
	9/7/2016	<2	<2	<2	<2	<2	92 J	102.9	<5	<5	<9.9	<5	<5	0.53
	11/3/2016	<5	3.7	<5	<5	<5	250	277.7	<4.7	<4.7	<9.4	<4.7	<4.7	1.17
	2/27/2017	<5	<5	<5	<5	<5	110	131	<4.9	<4.9	<9.8	<4.9	<4.9	2.04
	6/13/2017	<5	<5	<5	<5	<5	260	260	<5	<5	<10	<5	<5	2.9
	8/17/2017	<5	14	<5	<5	<5	550	564	<5	<5	<10	<5	<5	5.4
	11/21/2017	<1	3.6	<1	0.38 J	<1	140	146.98	<5	<5	<10	<5	<5	2.5
	2/27/2018	<1	2.7	<1	<1	<1	160	162.7	<5	<5	<10	<5	<5	1.7
	6/11/2018	<2	28	<2	1.7 J	<2	740F1	769.7	<5	<5	<10	<5	<5	12
	8/22/2018	<10	<10	<10	<10	<10	360	360	<5	<5	<10	<5	<5	7.23
	11/13/2018	<5	<5	<5	<5	<5	220	224.4	<25	<25	<50	<25	<25	3.2
	3/20/2019	<5	<5	<5	<5	<5	130	131.1	<5	<10	<10	<5	<5	1.46 J
	5/22/2019	<5	<5	<5	<5	<5	170	174	<5	<5	<10	<5	<5	0
	9/5/2019	<5	6.4	<5	<5	<5	280	286.4	<5	<5	<10	<5	<5	3.0 J
	11/20/2019	<5	<5	<5	<5	<5	72	82	<5	<5	<10	<5	<5	1.2 J
	3/5/2020	<1	<1	<1	<1	<1	35	35	<5	<5	<10	<5	<5	0
	5/19/2020	<5	<5	<5	<5	<5	120	123.6	<5	<5	<10	<5	<5	2.69 J
	8/10/2020	2.5 J	6	<5	<5	<5	130	138.5	<5	<5	<10	<5	<5	0.52 J B
	No 4th Quarter 2020 Sample. ORC-A Sock application in wells													
	3/23/2021	<5	<5	<5	<5	<5	23	23	<5	<5	<10	<5	1J	1.38J
	5/25/2021	<4	<4	<4	<4	<4	39	39	<5	<5	<10	<5	<5	0.54J
	8/10/2021	<2	3.5	<2	<2	<2	160	163.5	<5	<5	<10	<5	<5	0.8J

Table 1
Groundwater Data Summary
Area C
Former Buffalo Color Corporation

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
PS-06	11/17/2009	<1	<1	<1	<1	0.61 J	<1	0.61	<25	<25	<50	<25	<25	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<10	<10	<10	<10	<10	<10	0	<5.2	1.8 J	45	<5.2	1.9 J	48.7
	6/29/2011	<1	<1	<1	<1	2.7	<1	2.7	<4.7	1.3 J	36	<4.7	<4.7	37.3
	9/30/2011	<5	<5	<5	<5	<5	<5	0	<26	<26	8.9 J	<26	<26	8.9
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.7	1.3 J	11	<4.7	<4.7	12.3
	3/28/2012	<4	<4	<4	<4	<4	<4	0	<4.7	<4.7	2.9 J	<4.7	<4.7	2.9
	6/21/2012	<4	<4	<4	<4	<4	<4	0	<4.7	0.75 J	3.5 J	<4.7	<4.7	4.25
	9/14/2012	No Sample Collected												
	12/4/2012	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	<5	<5	<5	<5	<5	<5	4.6	<25	<25	<49	<25	<25	0
	5/31/2013	<5	<5	<5	<5	<5	<5	3.1	<4.9	<4.9	0.63	<4.9	<4.9	0.98
	9/5/2013	<5	<5	<5	<5	<5	<5	0	<4.8	<4.8	0.74	<4.8	<4.8	0.74
	12/2/2013	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	0.47
	3/21/2014	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	1.3
	6/19/2014	<1	<1	<1	<1	<1	<1	1.2	<1.9	<9.5	<9.5	<1.9	<1.9	1.68
	9/3/2014	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	0
	11/24/2014	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	3.1
	4/2/2015	<5	<5	<5	<5	<5	<5	0	<4.7	<4.7	0.59 J	<4.7	<4.7	0.59
	6/17/2015	<5	<5	<5	<5	<5	<5	0	<4.7	<4.7	<9.3	<4.7	<4.7	0
	9/1/2015	<5	<5	<5	<5	<5	<5	13	<4.8	<4.8	<9.6	<4.8	<4.8	0
	11/4/2015	<5	<5	<5	<5	<5	<5	0	<23	<23	<47	<23	<23	0
	3/29/2016	<5	<5	<5	<5	<5	<5	2.3	<4.7	<4.7	<9.5	<4.7	<4.7	0.31
	5/23/2016	<1	<1	1.1	<1	<1	1.6	7.9	<5.1	<5.1	0.67 J	<5.1	<5.1	1.53
	9/7/2016	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	11/3/2016	<5	<5	<5	<5	<5	<5	0	<4.6	<4.6	<9.3	<4.6	<4.6	0
	2/27/2017	<1	<1	<1	<1	<1	<1	3.6	<4.8	<4.8	<9.7	<4.8	<4.8	0
	6/13/2017	<2	<2	<2	<2	<2	<2	1.2	<5	<5	<10	<5	<5	0
	8/17/2017	<5	<5	<5	<5	<5	<5	0	<25	<25	<50	<25	<25	0
	11/21/2017	<1	<1	<1	<1	<1	<1	1.1	<25	<25	<50	<25	<25	0
	2/27/2018	<1	<1	<1	<1	<1	<1	1	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	8/21/2018	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	11/13/2018	<5	<5	<5	<5	<5	<5	4.4	<25	<25	<50	<25	<25	0
	3/20/2019	<1	<1	<1	<1	<1	<1	1.1	<5	<5	<10	<5	<5	0.42 J
	5/22/2019	<1	<1	<1	<1	<1	<1	1	<5	<5	0.65 J	<5	<5	0.65 J
	9/5/2019	<1	<2	<2	<2	<2	<2	1.1 J	<5	<5	<10	<5	<5	0
	11/20/2019	<2	<2	<2	<2	<2	<2	6.23 J	<25	<25	<50	<25	<25	0
	3/5/2020	<1	<1	<1	<1	<1	8.8	8.8	<5	<5	<10	<5	<5	0
	5/19/2020	<2	<2	<2	<2	<2	<2	2.85 J	<5	<5	<10	<5	<5	.93 J
	June 2020 Well Decommissioned and removed from monitoring program													

Table 1
Groundwater Data Summary
Area C
Former Buffalo Color Corporation

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
RFI-20A	11/19/2009	130	11	<1	2	7.6	5900	6050.6	<5	<5	<9.9	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	180	16	<5	<5	120	3000	3316	<24	<24	<47	<24	<24	0
	6/29/2011	130	<50	<50	<50	25 J	5900	6055	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	34	3.8	<1	2.3	4.8	1100	1144.9	0.75 J	<5.3	<11	<5.3	<5.3	0.75
	11/25/2011	280	24	<4	<4	4	2100	2408	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	74 J	5	<1	1.8 J	11 J	6600	6691.8	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<80	<80	<80	<80	<80	6700	6700	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/14/2012	270	<100	<100	<100	<100	8700	8727	<4.8	<4.8	<9.6	<4.8	<4.8	8.7
	12/3/2012	<100	<100	<100	<100	<100	4600	4600	<4.9	<4.9	<9.8	<4.9	<4.9	2.1
	3/26/2013	21	2.1	<1.4	1	280	6500	6804.1	<5	<5	<9.9	<5	<5	2.2
	5/31/2013	<100	<100	<100	<100	410	6400	6863	<4.8	<4.8	<9.6	<4.8	0.66	8.16
	9/5/2013	<100	<100	<100	<100	51	6900	6951	<4.8	<4.8	<9.7	<4.8	<4.8	1.3
	12/2/2013	<100	<100	<100	<100	61	8200	8261	<5	<5	<10	<5	<5	0
	3/20/2014	<100	<100	<100	<100	370	9400	9770	<5	<5	<10	<5	0.39	4.99
	6/18/2014	ORC Application												
	6/19/2014	<100	<100	<100	<100	<100	9600	9600	<1.9	<9.6	<9.6	<1.9	<1.9	12
	9/3/2014	7.3	<5	<5	<5	<5	61	68.3	0.86 J	<5	<10	<5	<5	2.96
	11/24/2014	3.4	<1	<1	<1	<1	28	31.4	<5	<5	<10	<5	<5	3.3
	4/2/2015	0.55 J	<1	<1	<1	1	57	62.45	<4.7	<4.7	<9.5	<4.7	<4.7	0
	6/17/2015	<5	<5	<5	<5	<5	41	41	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/1/2015	<5	<5	<5	<5	<5	32	52	<4.7	<4.7	<9.4	<4.7	<4.7	0
	11/4/2015	<1	<1	<1	<1	<1	41	41	<4.7	<4.7	<9.4	<4.7	<4.7	4.7
	3/30/2016	<1	<1	<1	<1	0.43 J	35	35.43	<4.6	<4.6	<9.3	<4.6	<4.6	0
	5/23/2016	<1	<1	<1	<1	<1	24	27	<4.9	<4.9	<9.8	<4.9	<4.9	0
	9/7/2016	2.7	<1	<1	<1	<1	24	29.98	<4.8	<4.8	<9.6	<4.8	<4.8	0
	11/3/2016	<1	<1	<1	<1	<1	7	7	<4.6	<4.6	<9.2	<4.6	<4.6	0
	2/27/2017	<1	<1	<1	<1	<1	13	13	<4.8	<4.8	<9.6	<4.8	<4.8	0
	6/13/2017	<1	<1	<1	<1	<1	22	22	<5	<5	<10	<5	<5	0
	8/17/2017	<1	<1	<1	<1	<1	25	25	<5	<5	<10	<5	<5	0
	11/21/2017	<1	<1	<1	<1	<1	12	12	<5	<5	<10	<5	<5	4.18
	2/27/2018	<1	<1	<1	<1	<1	15	15	<5	<5	<10	<5	<5	0
	6/11/2018	<1	<1	<1	<1	<1	19	19	<5	<5	<10	<5	<5	0
	8/22/2018	<1	<1	<1	<1	<1	57	60.9	<5	<5	<10	<5	<5	0.35 J
	11/13/2018	<1	<1	<1	<1	<1	24	24.48	<5	<5	<10	<5	<5	0
	3/20/2019	<1	<1	<1	<1	<1	5.9	5.9	<5	<5	<10	<5	<5	0.46 J
	5/22/2019	<1	<1	<1	<1	<1	14	14	<5	<5	<10	<5	<5	0
	9/5/2019	<2	<2	<2	<2	<2	29	29	<5	<5	<10	<5	<5	0
	11/20/2019	<2	<2	<2	<2	<2	21	26.9 B	<5	<5	<10	<5	<5	0
	3/5/2020	<2	<2	<2	<2	<2	<2	2.03 J	<5	<5	<10	<5	<5	0
	5/19/2020	<1	<1	<1	<1	<1	15	15	<5	<5	<10	<5	<5	0.53 J
	8/10/2020	0.71 J	<1	<1	<1	<1	24	24.71	<5	<5	<10	<5	<5	0.79 J B
	No 4th Quarter 2020 Sample. ORC-A Sock application in wells													
	3/23/2021	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	1.1 (<1)	1.1	<5 (<5)	<5 (<5)	<10 (<10)	<5 (<5)	<5 (<5)	0
	5/25/2021	<1	<1	<1	<1	<1	<1	5.9J	<5	<5	<10	<5	<5	0.73J
	8/10/2021	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	1.1 (<1)	6.7J	<5 (<5)	<5 (<5)	<10 (<10)	<5 (<5)	<5 (<5)	0.33J

Table 1
Groundwater Data Summary
Area C
Former Buffalo Color Corporation

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
RFI-31A	11/19/2009	1200	8.6 J	1600	110	9.6 J	830	3758.2	7.9	<5.5	<11	<5.5	0.47 J	8.37
	10/10 - 11/10	ORC-A Application												
	3/24/2011	1100	7.1	1000	69	9.5	680	2865.6	3.8 J	<25	<50	<25	<25	3.8
	6/29/2011	330	2	200	15	2.8	180	729.8	0.57 J	<4.8	<9.6	<4.8	<4.8	0.57
	9/30/2011	2000	8.6	340	34	17	1100	3499.6	25 J	<5.4	<11	<5.4	<5.4	25
	11/25/2011	410	<4	180	15	<4	320	925	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/28/2012	1900	10	960	69	9.7	740	3688.7	0.81	<4.8	2.5 J	<4.8	<4.8	3.31
	6/22/2012	820	4.2	250	22	7.5	470	1573.7	0.87 J	<4.7	2 J	<4.7	<4.7	2.87
	9/17/2012	230	<4	160	11	3 J	180	584	<4.8	<4.8	1.5 J	<4.8	<4.8	6.9
	12/4/2012	250	<4	280	18	<4	120	668	<4.9	<4.9	<9.8	<4.9	<4.9	1.2
	3/27/2013	400	<4	780	22	<4	37	1239	4.5	<4.9	1.4	<4.9	<4.9	8.76
	6/1/2013	400	<10	610	22	<10	200	1239.5	4.1	<4.7	1.4	<4.7	<4.7	7.9
	9/5/2013	610	<10	1300	66	10	610	2596	14	<4.8	1.6	<4.8	<4.8	25.3
	12/3/2013	350	<10	730	32	<10	120	1232	1.3	<5	<10	<5	<5	3.24
	3/21/2014	450	<10	1700	86	6.7	540	2782.7	<5	<5	1.7	<5	0.45	11.22
	6/19/2014	130	<5	390	19	<5	120	664	<2	<9.8	<9.8	<2	<2	0
	9/3/2014	1100	27	<25	<25	<25	97	1224	<5	<5	<10	<5	1.3 J	7.06
	11/24/2014	310	13	5.9	49	2.3 J	65	445.2	1.9 J	<5	<10	<5	<5	8.44
	4/2/2015	84	<25	<25	<25	<25	<25	84	<4.6	<4.6	<9.3	<4.6	<4.6	0
	6/17/2015	670	21 J	<25	24 J	<25	84	799	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/2/2015	420	15	15	18	<10	91	559	0.61 J	<4.8	<9.6	<4.8	<4.8	0.61
	11/5/2015	1000	35	82	43	<20	140	1300	0.92 J	<4.7	<9.4	<4.7	<4.7	2.32
	3/30/2016	100	4.4	120	14	<2	4.5	244.8	1.4 J	<4.7	0.63 J	<4.7	<4.7	2.03
	5/23/2016	260	10	170	20	<5	20	480	0.93 J	<4.7	<9.4	<4.7	<4.7	0.93
	9/7/2016	710	31	550	55	<25	120	1466	2 J	<4.6	0.64 J	<4.6	<4.6	2.64
	11/3/2016	580	34	700	66	<25	150	1530	2.1 J	<4.6	<9.2	<4.6	<4.6	3.17
	2/28/2017	29	<10	78	<10	<10	<10	126	0.61 J	<4.7	<9.4	<4.7	<4.7	0.61
	6/13/2017	140 J	9.9	220 J	18	<8	55	442.9	0.9 J	<5	<10	<5	<5	0.9
	8/17/2017	110	5	120	10	<10	46	291	1.1 J	<5	<10	<5	<5	1.1
	11/21/2017	450	33	420	55	1.8	150	1110.1	1.2 J	<5	<10	<5	<5	3.21
	2/27/2018	16	<2	8.5	<2	<2	2.1	26.6	0.51 J	<5	<10	<5	<5	0.51
	6/11/2018	540	21	93	19	<10	93	745	0.64 J	<5	<10	<5	<5	0.86
	8/22/2018	130	<10	51	<100	<10	40	221	1.3 J	<5	<10	<5	<5	1.71
	11/13/2018	170	8.1 J	28	<10	<10	18	232.8	<25	<25	<50	<25	<25	0
	3/20/2019	22	<10	<10	<10	<10	<10	22	0.58 J	<5	<10	<5	<5	0.9 J
	5/22/2019	99	<10	63	<10	<10	38	207.7	0.76 J	<5	0.86 J	<5	<5	1.62 J
	9/5/2019	170	7.7	32	6.4	<5	45	265.9	2.1 J	<5	<10	<5	<5	2.1 J
	11/20/2019	160	6.3	28	5.3	<5	18	229.6	0.74 J	<5	<10	<5	<5	1.44 J
	3/5/2020	220T	6.1	19	5.2	<5	25	277.8	<5	<5	<10	<5	<5	0.65J
	5/19/2020	96	<10	12	<10	<10	<10	108	<5	<5	<10	<5	<5	0.83 J
	8/10/2020	1500	44	110	38	<8	150	1842	1.1 J	<5	<10	<5	<5	6 J
	No 4th Quarter 2020 Sample. ORC-A Sock application in wells													
	3/23/2021	710	33	410	110	6.2J	120	1446.2J	5.1J	<25	<50	<25	8.1J	19.4J
	5/25/2021	140	12	160	54	<10	48	484	4.2J	<5	<10	<5	3.1J	10.37J
	8/10/2021	85	6.8	190	42	<5	34	357.8	1.6J	<5	<10	<5	<5	2.9J

Notes:
* - Sample collected from well PS-05 which was replaced by PS-05A after it was destroyed.
** - Results compared to NYSDEC Class GA water quality standards
B - Compound was found in the blank and sample
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
F1 - MS/MSD RPD exceeds control limits
Results for VOCs and SVOCs are shown in ug/L. 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.

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

Table 1a
Groundwater Data Summary - Metals
Area C
Former Buffalo Color Corporation

		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**		**NS**	**0.003**	**0.025**	**1**	**0.003**	**0.005**	**NS**	**0.05**	**NS**	**0.2**	**0.3**	**0.025**	**35**	**0.3**	**0.0007**	**0.1**	**NS**	**0.01**	**0.05**	**20**	**0.005**	**NS**	**2**
MW-C01	11/13/2018	1.3		<0.015	0.32	<0.002	0.00075 J	289	0.0076	0.0012 J	0.012	3.0 B	0.019	82.5	0.51 B	0.00028	0.0066 J	29.9			2480		0.0027 J	0.095
	3/20/2019	6.1		0.015	0.56 F1	<0.002	0.0013 J	757	0.018	0.0087	0.04	12.9	0.061	294	1.6	0.0016	0.015	43.9			9560		0.012	0.23 B
	5/22/2019	5.4		0.011 J	0.86	<0.002	0.0015 J	1030	0.018	0.011	0.048	17.3	0.22	389	1.7	0.0022	0.022	33.2 B			11300 B		0.015	0.35
	9/5/2019	2.4		0.0089 J	0.44	<0.002	0.00089 J	667	0.011	0.0022 J	0.017	7.1 B	0.04	259	0.67	0.00043	0.0077 J	41.3			7560		0.0052	0.11
	11/20/2019	0.91		<0.015	0.26	<0.002	0.0013J	488	0.0096	0.0042	0.019	7.9	0.017	179	0.57 B	0.00018 J	0.066	22.2			5960		0.0020 J	0.097
	3/5/2020	3		<0.015	0.1	0.00038 J	<0.0020	76.8	0.012	0.00096 J	0.016	4	0.06	9.4	0.057 B	0.0011	0.0053 J	6.7			95		0.011	0.097
	5/19/2020	1.4		<0.015	0.086	<0.002	<0.0020	69.7	0.0084	< 0.004	0.011	2.1	0.031	11.6	0.031 B	0.00045	0.0025 J	12.3			126		0.0051	0.057
MW-C04	11/13/2018	0.096 J		<0.015	0.63	<0.002	<0.0020	245	<0.0040	<0.0040	0.0051 J	7.4 B	0.0040 J	31.8	1.1 B	<0.00020	<0.010	10.4			35.9		<0.0050	0.0094 J
	3/20/2019	<0.20		<0.015	0.43	<0.002	<0.0020	194	<0.0041	<0.0040	0.0027 J	7.8	<0.010	26.6	0.91 B	<0.00020	<0.010	6.6			26.5		<0.0050	0.0059 J
	5/22/2019	0.87		<0.015	0.48	<0.002	<0.0020	202	<0.0042	0.00066 J	0.036	7.1	0.0079 J	27.7	0.94	0.003	<0.010	8.1 B			32.7 B		0.0018 J	0.038
	9/4/2019	<0.2		<0.015	0.37	<0.002	<0.0020	210	<0.0043	<0.0040	.0050 J	4.9B	.0056 J	25.8	1	<0.00012	<0.0013	9.6			47.5		<0.0015	0.0080J
	11/20/2019	0.068 J		<0.015	0.51	<0.002	<0.0020	224	<0.0044	<0.0040	0.0063 J	6.0	0.0048 J	28.5	0.99 B	<0.00020	<0.010	9.1			34.6		<0.0050	0.0046 J
	3/5/2020	<0.2		<0.015	0.42	<0.002	<0.0020	188	<0.0045	<0.0040	<0.010	6.1	<0.010	25.7	0.85 B	<0.00020	<0.010	6.6			24		<0.0050	0.0076 J
	5/19/2020	0.12 J		<0.015	0.37	<0.002	<0.0020	203	<0.0046	<0.0040	0.0059 J	5.5	<0.010	25.9	1.0 B	<0.00020	<0.010	7.4			29.9		<0.0050	0.012
	8/10/2020	0.22		<0.015	0.44	<0.002	<0.0020	194	<0.0047	<0.0040	0.0076 J	4.3	0.0062 J	24.8	0.87 B	0.00017 J	<0.010	9.8			38.7		<0.0050	0.013 B
	No Sample Collected Q4 2020. ORC-A Socks in Wells																							
	3/23/2021	<0.20	<0.020	<0.015	0.14	<0.0020	<0.0020	250	0.0012J	0.00078J	0.0058J	6.4	<0.010	35.8	1.4B	<0.00020	<0.010	8.3	<0.025	<0.0060	86.7	<0.020	<0.0050	0.044
	5/25/2021	<0.20 (<0.20)	<0.020 (<0.020)	<0.015 (<0.015)	0.1 (0.11)	<0.0020 (<0.0020)	<0.0020 (<0.0020)	295 (306)	<0.0040 (<0.0040)	<0.0040	0.0043J (0.0045J)	10.6 (11)	<0.010 (<0.010)	46.2 (48)	1.7 (1.8)	<0.00020 (<0.00020)	<0.010 (<0.010)	11.0B (11.5B)	<0.025 (<0.025)	<0.0060 (<0.0060)	141 (144)	<0.020 (<0.020)	<0.0050 (<0.0050)	0.034 (0.033)
	8/16/2021	<0.20	<0.020	<0.015	0.14	<0.0020	<0.0020	249	<0.0040	<0.0040	0.0020J	10.6	<0.010	33.9	1.3	<0.00020	<0.010	12.3	<0.025	<0.0060	118	<0.020	<0.0050	0.025B
PS-04A	11/13/2018	0.066 J		<0.015	0.05	<0.002	0.009	254	0.0011 J	0.0039 J	0.047	0.14 B	<0.010	33.2	0.013 B	<0.00020	0.067	10.2			21.9		<0.0050	0.47
	3/20/2019	<0.20		<0.020	0.03	<0.002	0.007	186	<0.0040	0.0036 J	0.043	0.087	<0.010	25.3	0.0087 B	<0.00020	0.053	7.3			20.2		<0.0050	0.43
	5/22/2019	<0.20		<0.015	0.033	<0.002	0.0065	178	<0.0040	0.0088	0.064	0.063	<0.010	30.1	0.013	<0.00020	0.07	7.5 B			18.8 B		<0.0050	0.43
	9/4/2019	No sample collected, well damaged																						
	11/20/2019	No sample collected, well damaged																						
	3/5/2020	No sample collected, well damaged																						
	5/19/2020	No sample collected, well damaged																						
	8/10/2020	No sample collected, well damaged																						
PS-05A	11/13/2018	0.063J		0.18	0.02	<0.002	<0.0020	268	<0.0040	0.0013 J	<0.010	31.0 B	<0.010	25.7	0.38 B	<0.00020	0.0031 J	15.7			109		<0.0050	0.028
	3/20/2019	0.31		0.032	0.014	<0.002	<0.0020	196	<0.0040	<0.0040	0.0017 J	8	0.01	21.7	0.21 B	<0.00020	00014 J	10.1			99.6		<0.0050	0.056
	5/22/2019	<0.20		0.068	0.016	<0.002	<0.0020	213	<0.0040	<0.0040	<0.010	17.1	<0.010	23	0.25	<0.00020	<0.010	12.4 B			99.7 B		<0.0050	0.015
	9/5/2019	<0.20		0.27	0.023	<0.002	<0.0020	239	<0.0040	0.0026 J	0.0028 J	17.1 B	0.0055 J	22.2	0.45	<0.00020	0.0029 J	14.4			83.7		<0.0050	0.086
	11/20/2019	<0.20		0.076	0.019	<0.002	<0.0020	212	<0.0040	<0.0040	0.0046 J	16	<0.010	20.3	0.24 B	<0.00020	0.0030 J	13.8			158		<0.0050	0.019
	3/5/2020	<0.20		0.036	0.015	<0.002	<0.0020	176	<0.0040	<0.0040	0.0035 J	1.9	<0.010	18.7	0.070 B	<0.00020	0.0015 J	10.6			139		<0.0050	0.054
	5/19/2020	<0.20		0.082	0.019	<0.002	<0.0020	211	<0.0040	<0.0040	<0.010	14.1	0.0050 J	21.9	0.34B	<0.00020	0.0014 J	12.2			86.4		<0.0050	0.038
	8/10/2020	<0.20		0.098	0.033	<0.002	<0.0020	199	<0.0040	<0.0040	<0.010	0.38	0.0032 J	28.9	0.056 B	<0.00020	<0.010	15.6			140		<0.0050	0.0079 J B
	No Sample Collected Q4 2020. ORC-A Socks in Wells																							
	3/23/2021	0.15J	<0.020	0.03	0.036	<0.0020	0.0006J	105	<0.0040	0.00064J	0.01	0.17	<0.010	25.7	0.0086B	<0.00020	0.002J	4.2	<0.025	<0.0060	68.6	<0.020	<0.0050	0.012
	5/25/2021	0.53	<0.020	0.038	0.092	<0.0020	0.00081J	284	0.0012J	0.0012J	0.0095J	0.87	<0.010	68.4	0.068	<0.00020	0.0042J	6.7B	<0.025	<0.0060	170	<0.020	<0.0050	0.025
	8/16/2021	0.074J	<0.020	0.11	0.078	<0.0020	<0.0020	172	<0.0040	<0.0040	0.0022J	5.3	<0.010	32.3	0.11	<0.00020	0.0042J	7.6	<0.025	<0.0060	86.7	<0.020	<0.0050	0.0063BJ
PS-06	11/13/2018	0.13 J		0.097	0.012	<0.002	<0.0020	226	0.0018 J	<0.0040	<0.010	41.8 B	<0.010	9.7	<0.19 B	<0.00020	0.0030 J	62.1			64.9		<0.0050	0.0097 J
	3/20/2019	0.064 J		0.064	0.0086	<0.002	<0.0020	212	<0.0040	<0.0040	<0.010	33.6	<0.010	9.9	0.16 B	<0.00020	<0.010	43.7			37.8		<0.0050	0.0038 J
	5/22/2019	<0.20		0.063	0.0081	<0.002	<0.0020	188	<0.0040	<0.0040	<0.010	26.5	<0.010	8.8	0.15	<0.00020	<0.010	42.9 B			35.8 B		<0.0050	<0.010
	9/5/2019	0.089 J		<0.015	0.36	<0.002	<0.0020	203	<0.0040	<0.0040	0.0064 J	4.8 B	0.0056 J	24.9	0.98	<0.00020	<0.010	9.5			43.3		<0.0050	0.0074 J
	11/20/2019	0.10 J		0.078	0.011	<0.002	<0.0020	219	<0.0040	<0.0040	0.0042 J	33.8	0.0042 J	8.6	0.17 B	<0.00020	<0.010	51.8			47.3		<0.0050	0.0057 J
	3/5/2020	<0.20		0.087	0.0097	<0.002	<0.0020	221	0.0011 J	<0.0040	<0.010	33.4	<0.010	9.4	0.16 B	<0.00020	<0.010	43.7			38.3		<0.0050	0.0046 J
	5/19/2020	<0.20		0.061	0.0089	<0.002	<0.0020	218	<0.0040	<0.0040	<0.010	30.4	0.0067 J	10	0.16 B	<0.00020	<0.010	41.9			40		<0.0050	0.0046 J
	8/10/2020	No sample collected																						

Table 1a
Groundwater Data Summary - Metals
Area C
Former Buffalo Color Corporation

		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**		**NS**	**0.003**	**0.025**	**1**	**0.003**	**0.005**	**NS**	**0.05**	**NS**	**0.2**	**0.3**	**0.025**	**35**	**0.3**	**0.0007**	**0.1**	**NS**	**0.01**	**0.05**	**20**	**0.005**	**NS**	**2**
RFI-20A	11/13/2018	0.077 J		<0.015	0.067	<0.002	<0.0020	236	<0.0040	<0.0040	<0.010	5.9 B	<0.010	22.3	0.36 B	<0.00020	0.0035 J	8.9			28.3		<0.0050	<0.0092 J
	3/20/2019	<0.20		<0.015	0.041	<0.002	<0.0020	119	<0.0040	<0.0040	<0.010	8.2	<0.010	13.3	0.31 B	<0.00020	0.0015 J	4.3			20.4		0.0017 J	0.0081 J
	5/22/2019	<0.20		<0.015	0.048	<0.002	<0.0020	148	<0.0040	<0.0040	<0.010	4.5	<0.010	16.7	0.28	<0.00020	0.0053	6.4 B			22.2 B		<0.0015	0.0031 J
	9/5/2019	<0.20		0.083	0.012	<0.002	<0.0020	217	<0.0040	<0.0040	<0.0017 J	33.0 B	0.0059 J	9.4	0.18	<0.00020	<0.010	52.5			60.4		<0.0050	0.014
	11/20/2019	<0.20		0.0095 J	0.066	<0.002	<0.0020	238	<0.0040	<0.0040	0.0034 J	11.1	0.0030 J	18.5	0.49 B	<0.00020	<0.010	9			28.4		<0.0050	0.0029 J
	3/5/2020	<0.20		0.015	0.063	<0.002	<0.0020	178	<0.0040	<0.0040	<0.010	12.6	<0.010	18.9	0.33 B	<0.00020	0.0016 J	6.6			26.4		<0.0050	0.0026 J
	5/19/2020	<0.20		<0.015	0.052	<0.002	<0.0020	153	<0.0040	<0.0040	<0.010	5.8	0.0034 J	18	0.27 B	<0.00020	0.0042 J	6.8			27.1		<0.0050	0.054
	8/10/2020	0.06 J		0.0087 J	0.043	<0.002	<0.0020	147	<0.0040	<0.0040	<0.010	3.6	0.0030 J	13.6	0.25 B	<0.00020	0.0022 J	8.4			27.1 F1		<0.0050	0.016 B
	No Sample Collected Q4 2020. ORC-A Socks in Wells																							
	3/23/2021	0.11J (0.12J)	<0.020 (<0.020)	0.0056J (0.0071J)	0.057 (0.057)	<0.0020 (<0.0020)	<0.0020 (<0.0020)	273 (268)	0.001J (0.0014J)	0.0011J (0.0010J)	<0.010 (<0.010)	15.7 (15.6)	0.0037J (0.0032J)	19 (18.7)	0.75B (0.75B)	<0.00020 (<0.00020)	0.0026J (0.0026J)	8.1 (8.1)	<0.025 (<0.025)	<0.0060 (<0.0060)	58.1 (58.2)	<0.020 (<0.020)	<0.0050 (<0.0050)	0.047 (0.047)
	5/25/2021	0.27	<0.020	<0.015	0.095	<0.0020	0.00054J	475	0.0046	0.0014J	0.0056J	12.7	<0.010	30.2	1	<0.00020	0.0064J	10.3B	<0.025	<0.0060	58.5	<0.020	0.0031J	0.088
	8/16/2021	0.093J (0.089J)	<0.020 (<0.020)	0.0092J (0.0095J)	0.082 (0.083)	<0.0020 (<0.0020)	0.00053J (0.00055J)	292 (280)	<0.0040 (<0.0040)	0.0021J (0.0020J)	0.0030J (0.0025J)	7.4 (8.2)	<0.010 (<0.010)	17.6T (17.8)	0.84 (0.81)	<0.00020 (<0.00020)	0.011 (0.011)	11.6 (11.7)	<0.025 (<0.025)	<0.0060 (<0.0060)	64.4 (64.8)	<0.020 (<0.020)	0.0015J (<0.0050)	0.13B (0.14B)
RFI-31A	11/13/2018	0.13 J		<0.015	0.022	<0.002	0.00081 J	355	0.0017 J	0.0028 J	<0.010	0.71	<0.010	114	1.4	<0.00020	0.0054 J	15.6			1960		<0.0050	0.0099 J
	3/20/2019	<0.20		<0.015	0.02	<0.002	<0.0020	424	<0.0040	0.0029 J	0.0019 J	0.67	<0.010	150	1.5 B	0.00012 J	0.0043 J	14.2			2330		<0.0050	0.0065J
	5/22/2019	<0.20		<0.015	0.018	<0.002	<0.0020	392	<0.0040	0.0028 J	0.0026 J	1.1	<0.010	147	1.3	0.00032	0.0036 J	11.2 B			1990 B		<0.0050	0.0033 J
	9/5/2019	<0.20		<0.015	0.018	<0.002	<0.0020	336	<0.0040	0.0025 J	0.0026	0.51 B	0.0030 J	112	1.5	<0.00020	0.0032 J	20			1990		<0.0050	0.0058 J
	11/20/2019	<0.20		<0.015	0.019	<0.002	0.0011 J	339	<0.0040	0.0035 J	0.0049 J	0.9	<0.010	111	1.6 B	<0.00020	0.0081 J	15.7			2090		<0.0050	0.0054 J
	3/5/2020	<0.20		<0.015	0.018	<0.002	0.00078 J	377	<0.0040	0.0025 J	<0.010	0.33	<0.010	135	1.3 B	<0.00020	0.0035 J	12.2			1990		<0.0050	0.0062 J
	5/19/2020	0.064 J		<0.015	0.016	<0.002	0.00073 J	324	<0.0040	0.0016 J	<0.010	0.32	<0.010	114	1.2 B	<0.00020	0.0032 J	10.3			1790		<0.0050	0.0077 J
	8/10/2020	0.22		<0.015	0.016	<0.002	0.00058 J	283	<0.0040	0.0034 J	<0.010	0.9	<0.010	96.4	1.3 B	<0.00020	0.0037 J	10.2			1720		<0.0050	0.0073 BJ
	No Sample Collected Q4 2020. ORC-A Socks in Wells																							
	3/23/2021	0.14J	<0.020	0.0063J	0.028	<0.0020	<0.0020	481	0.0064	<0.0040	0.011	0.14	<0.010	7.8	0.029B	<0.00020	0.0025J	8.7	<0.025	<0.0060	1,870	<0.020	0.01	0.0022J
	5/25/2021	0.061J	<0.020	<0.015	0.018	<0.0020	<0.0020	367	0.0014J	<0.0040	0.0065J	0.15	<0.010	4.2	0.033	<0.00020	0.0021J	9.3B	<0.025	<0.0060	1,820	<0.020	0.0072	<0.010
	8/16/2021	<0.20	<0.020	<0.015	0.017	<0.0020	<0.0020	287	<0.0040	<0.0040	0.0035J	0.12	<0.010	23.3	0.036	<0.00020	0.0023J	8.7	<0.025	<0.0060	356	<0.020	<0.0050	0.015B

Notes:
* - Sample collected from well PS-05 which was replaced by PS-05A after it was destroyed.
** - Results compared to NYSDEC Class GA water quality standards
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. 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.
F1 - MS/MSD RPD exceeds control limits
Results are shown in mg/L

Table 1b
VOC/SVOC Non-Trend Groundwater Data Summary
Area C
Former Buffalo Color

Well ID	Sample Date	Analyte:	1,1-DICHLOROETHANE	CIS-1,2-DICHLOROETHYLENE	CHLOROFORM	METHYLENE CHLORIDE	TRICHLOROETHYLENE (TCE)
		Class GA Standard (ug/L):	5	NA	7	5	5
MW-C01	11/20/2019		0.93 J	18	ND	5 B	0.98 J
	3/5/2020		ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	1.4 J	ND
	8/10/2020		ND	ND	ND	ND	ND
MW-C04	11/20/2019		ND	ND	ND	20 B	ND
	3/5/2020		ND	ND	5.4 J	ND	ND
	5/19/2020		ND	ND	ND	5.4 J	ND
	8/10/2020		ND	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	ND	ND
	5/25/2021		ND	ND	ND	ND	ND
	8/16/2021		ND	ND	ND	ND	ND
PS-05A	11/20/2019		ND	ND	ND	10 B	ND
	3/5/2020		ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	3.6 J	ND
	8/10/2020		ND	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	ND	ND
	5/25/2021		ND	ND	ND	ND	ND
	8/16/2021		ND	ND	ND	ND	ND
PS-06	11/20/2019		0.93 J	ND	ND	5.3 B	ND
	3/5/2020		ND	ND	ND	ND	ND
	5/19/2020		1 J	ND	ND	1.8 J	ND
RFI-20	11/20/2019		ND	ND	ND	5.9 B	ND
	3/5/2020		0.93 J	ND	1.1 J	ND	ND
	5/19/2020		ND	ND	ND	ND	ND
	8/10/2020		ND	ND	ND	ND	ND
	5/25/2021		ND	ND	ND	ND	ND
	8/16/2021		ND	ND	ND	ND	ND
RFI-31	11/20/2019		ND	ND	ND	12 B	ND
	3/5/2020		ND	ND	2.5 J	ND	ND
	5/19/2020		ND	ND	ND	ND	ND
	8/10/2020		ND	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	ND	ND
	5/25/2021		ND	ND	ND	ND	ND
	8/16/2021		ND	ND	ND	ND	ND

Table 1b
VOC/SVOC Non-Trend Groundwater Data Summary
Area C
Former Buffalo Color

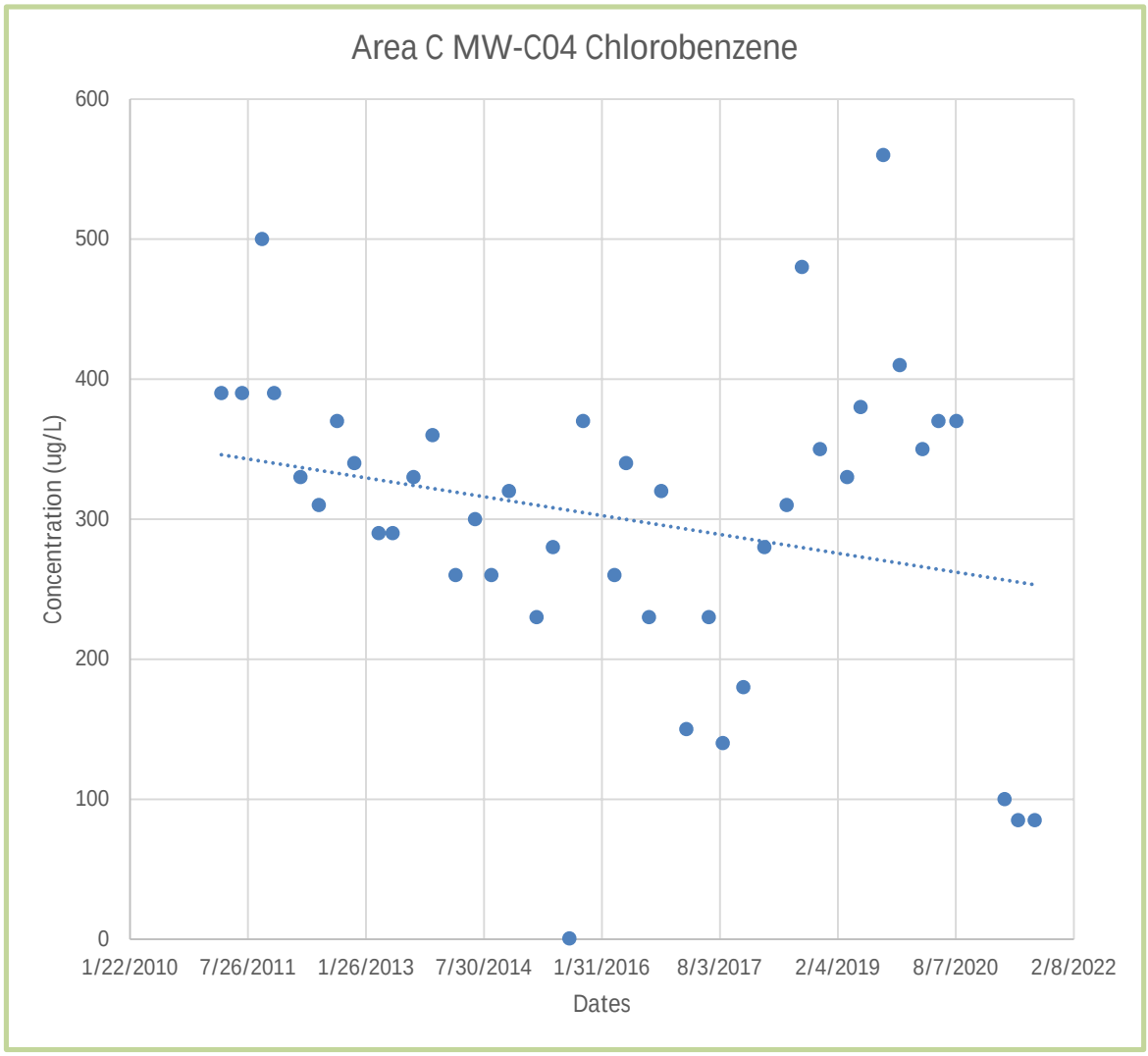
Well ID	Sample Date	Analyte: / Class GA Standard (ug/L):	2,4,5-TRICHLOROPHENOL	4-CHLOROANILINE	4-METHYLPHENOL (P-CRESOL)	CAPROLACTAM	CARBAZOLE	DIETHYL PHTHALATE
			NA	5	NA	NA	NA	50
MW-C01	11/20/2019		ND	ND	ND	2.4 J	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	ND
	8/10/2020		ND	ND	ND	ND	ND	ND
MW-C04	11/20/2019		ND	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	ND
	8/10/2020		ND	ND	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	ND	ND	ND
	5/25/2021		ND	ND	ND	ND	ND	ND
	8/16/2021		ND	ND	ND	ND	ND	ND
PS-05A	11/20/2019		ND	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	ND
	8/10/2020		ND	ND	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	ND	ND	ND
	5/25/2021		ND	ND	ND	ND	ND	ND
	8/16/2021		ND	ND	ND	ND	ND	0.45J
PS-06	11/20/2019		ND	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	0.38 J	ND
RFI-20	11/20/2019		ND	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	ND
	8/10/2020		ND	ND	ND	ND	ND	0.27 BJ
	5/25/2021		ND	ND	ND	ND	ND	ND
	8/16/2021		ND	ND	ND	ND	ND	ND
RFI-31	11/20/2019		0.70 J	ND	ND	ND	ND	ND
	3/5/2020		ND	0.65 J	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	0.35 J
	8/10/2020		1.3 J	2.3 J	0.46 J	ND	ND	0.33 BJ
	3/23/2021		6.2J	ND	ND	ND	ND	ND
	5/25/2021		1.4J	ND	ND	ND	ND	ND
	8/16/2021		1.3 J	ND	ND	ND	ND	ND

Table 1b
VOC/SVOC Non-Trend Groundwater Data Summary
Area C
Former Buffalo Color

Well ID	Sample Date	Analyte:	DI-N-BUTYL PHTHALATE	FLUORANTHENE	PYRENE	2-CHLOROPHENOL	N-NITROSODIPHENYLAMINE	PHENANTHRENE	Benzaldehyde	Naphthalene	Aceetone
		Class GA Standard (ug/L):	50	50	50	NA	50	50	NA	10	50
MW-C01	11/20/2019		ND	0.53 J	0.38 J	ND	ND	ND	ND	ND	ND
	3/5/2020		ND	2.8 J	2.3 J	ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	1.7 J	ND	ND	ND	ND	ND	ND
	8/10/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-C04	11/20/2019		ND	ND	ND	1.4 J	1.1 J	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	1.5 J	0.73 J	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	2.2 J	0.98 J	0.49 BJ	ND	ND	ND
	8/10/2020		0.50 BJ	ND	ND	2.3 J	1.2 J	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	1J	ND	ND	0.34J	1.1J	ND
	5/25/2021		0.37J	ND	ND	0.96J (0.94 J)	ND	ND	ND	ND	ND
	8/16/2021		0.41J	ND	ND	ND	ND	ND	ND	ND	ND
PS-05A	11/20/2019		ND	ND	ND	1.2 J	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	2.1 J	ND	0.59 BJ	ND	ND	ND
	8/10/2020		0.52 BJ	ND	ND	ND	ND	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	ND	ND	ND	0.38J	ND	ND
	5/25/2021		0.54 J	ND	ND	ND	ND	ND	ND	ND	ND
	8/16/2021		0.35 J	ND	ND	ND	ND	ND	ND	ND	ND
PS-06	11/20/2019		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	0.55 BJ	ND	ND	ND
RFI-20	11/20/2019		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	0.53 BJ	ND	ND	ND
	8/10/2020		0.52 BJ	ND	ND	ND	ND	ND	ND	ND	ND
	5/25/2021		0.73 J	ND	ND	ND	ND	ND	ND	ND	5.9 J
	8/16/2021		0.33 J (0.35 J)	ND	ND	ND	ND	ND	ND	ND	6.7 J (6 J)
RFI-31	11/20/2019		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/5/2020		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/2020		ND	ND	ND	ND	ND	0.48 BJ	ND	ND	ND
	8/10/2020		0.51 BJ	ND	ND	ND	ND	ND	ND	ND	ND
	3/23/2021		ND	ND	ND	ND	ND	ND	ND	ND	57 JT
	5/25/2021		0.57J	ND	ND	1.1J	ND	ND	ND	ND	70 J
	8/16/2021		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.
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.

Table 2
MW-C04 Trend Graphs
Area C
Former Buffalo Color Corporation



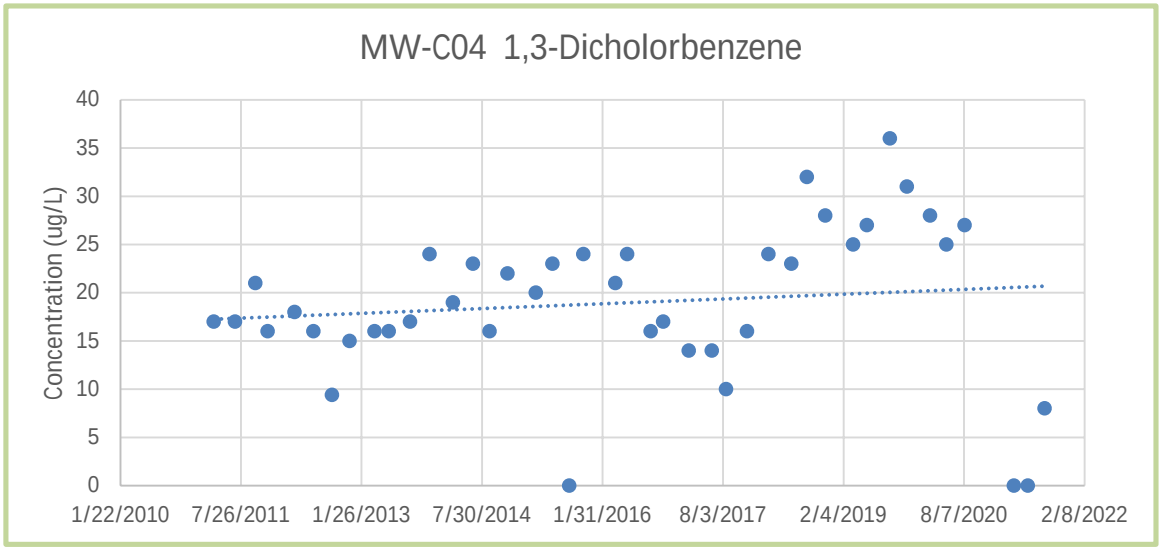
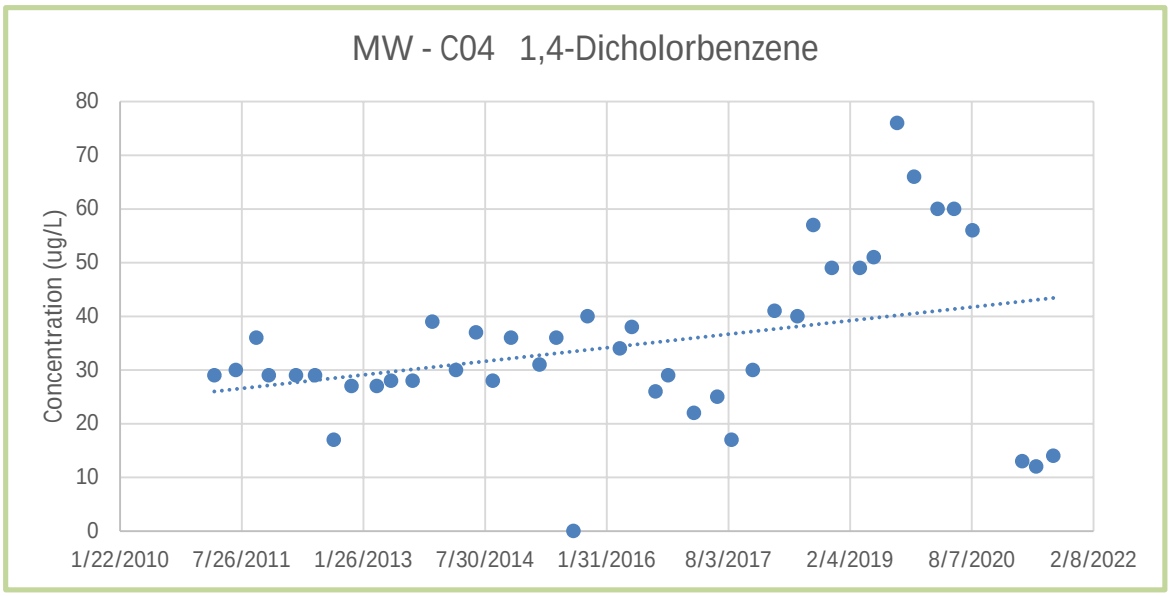


Table 2
MW-C04 Trend Graphs
Area C
Former Buffalo Color Corporation



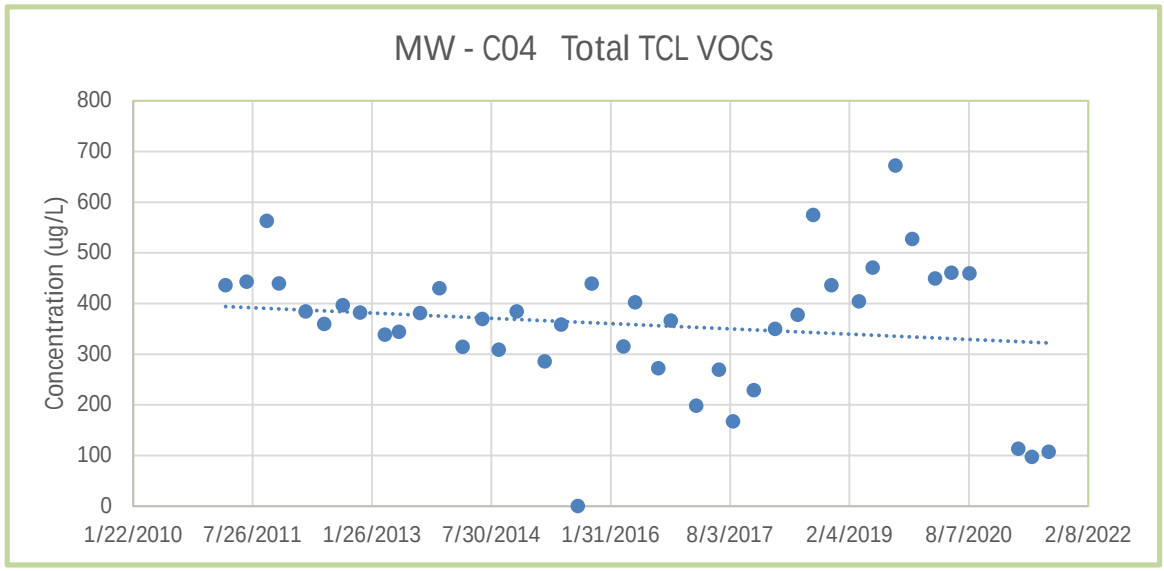
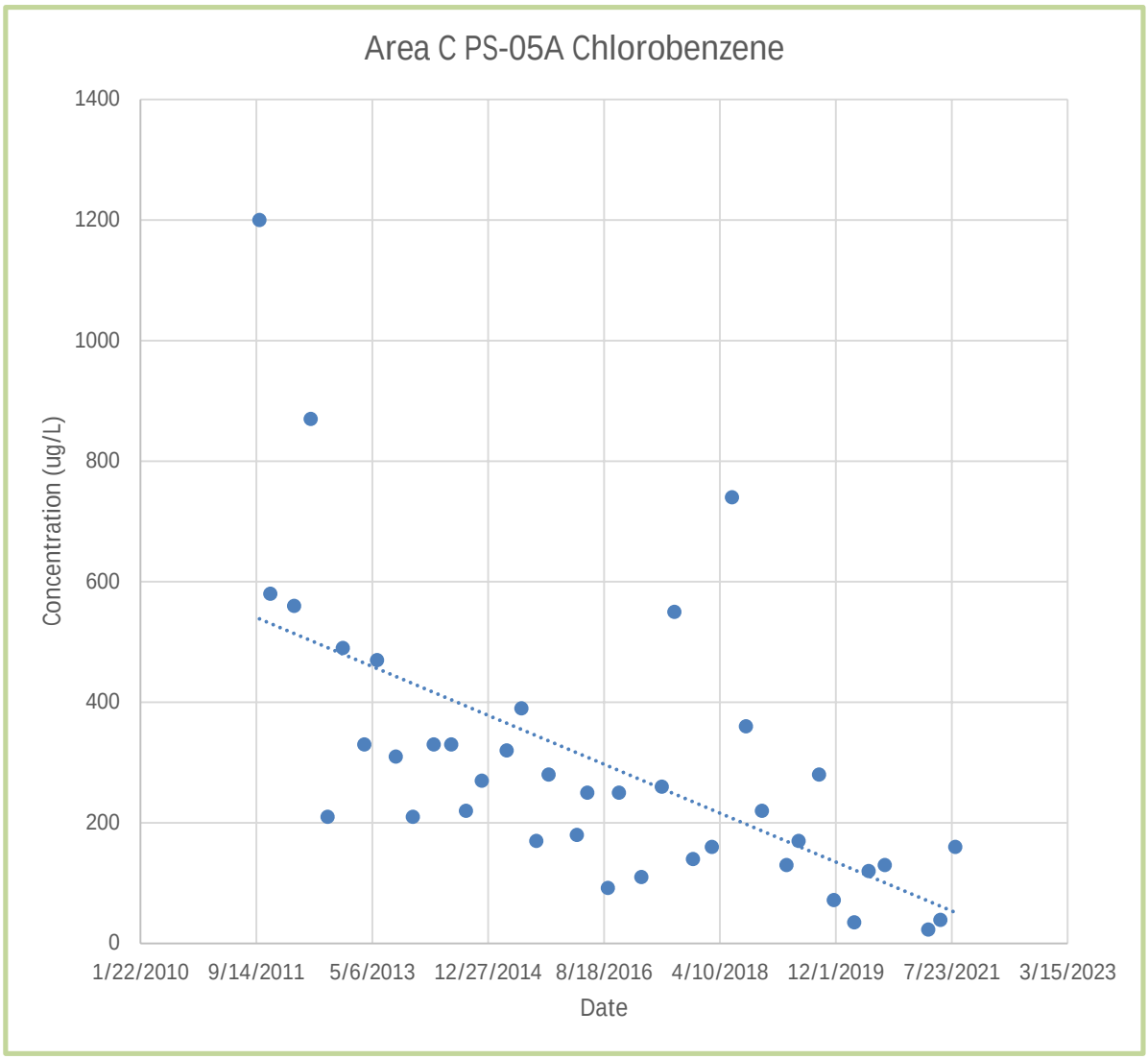


Table 2 (continued)
Monitoring Well PS-05S Trend Graphs
Area C
Former Buffalo Color



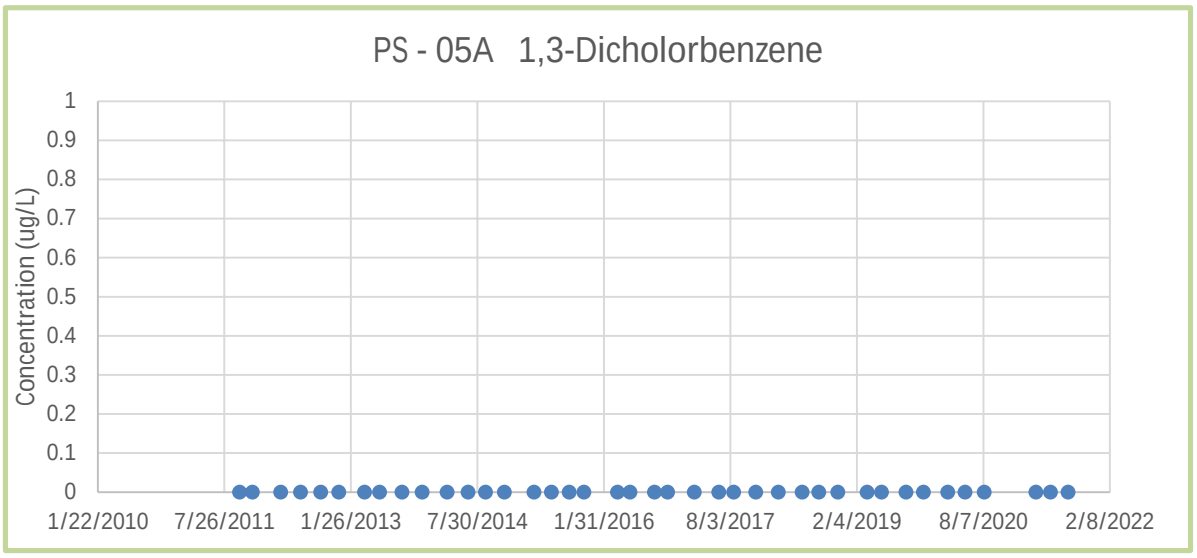
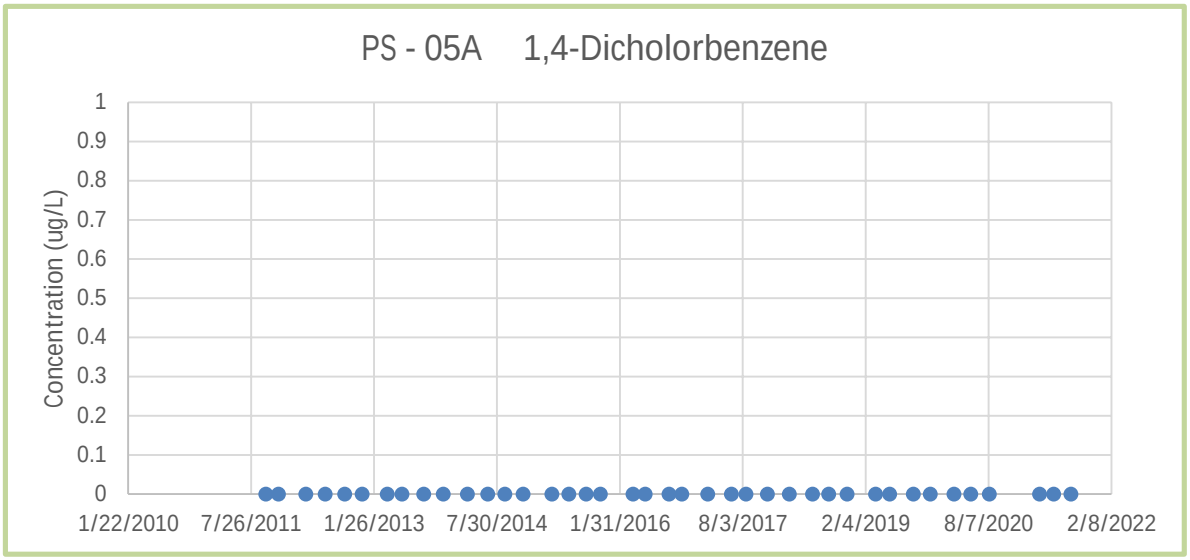


Table 2 (continued)
Monitoring Well PS-05S Trend Graphs
Area C
Former Buffalo Color



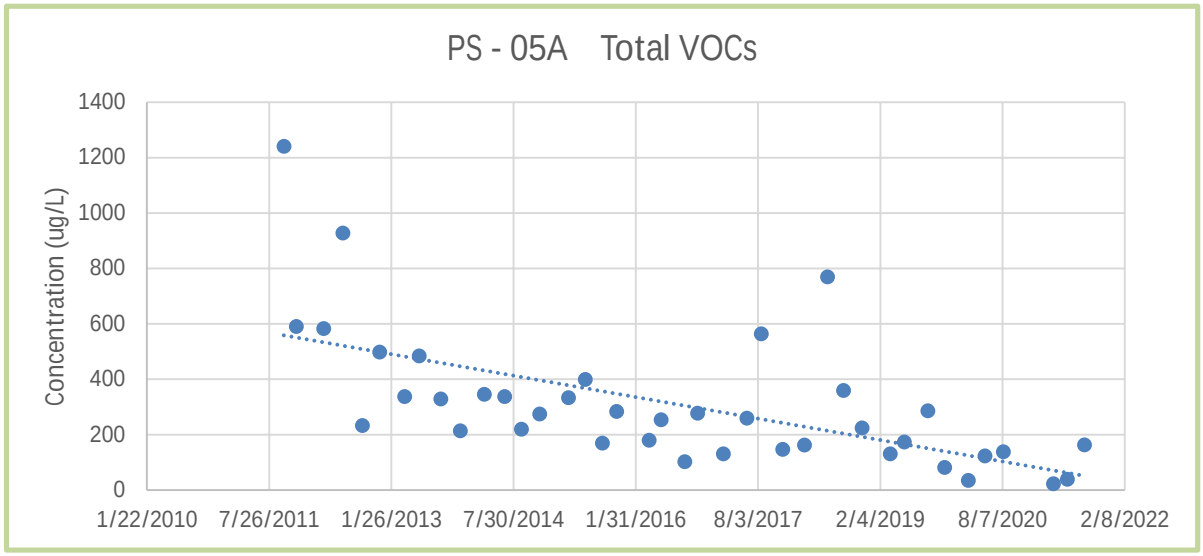


Table 2 (continued)
Monitoring Well PS-05S Trend Graphs
Area C
Former Buffalo Color

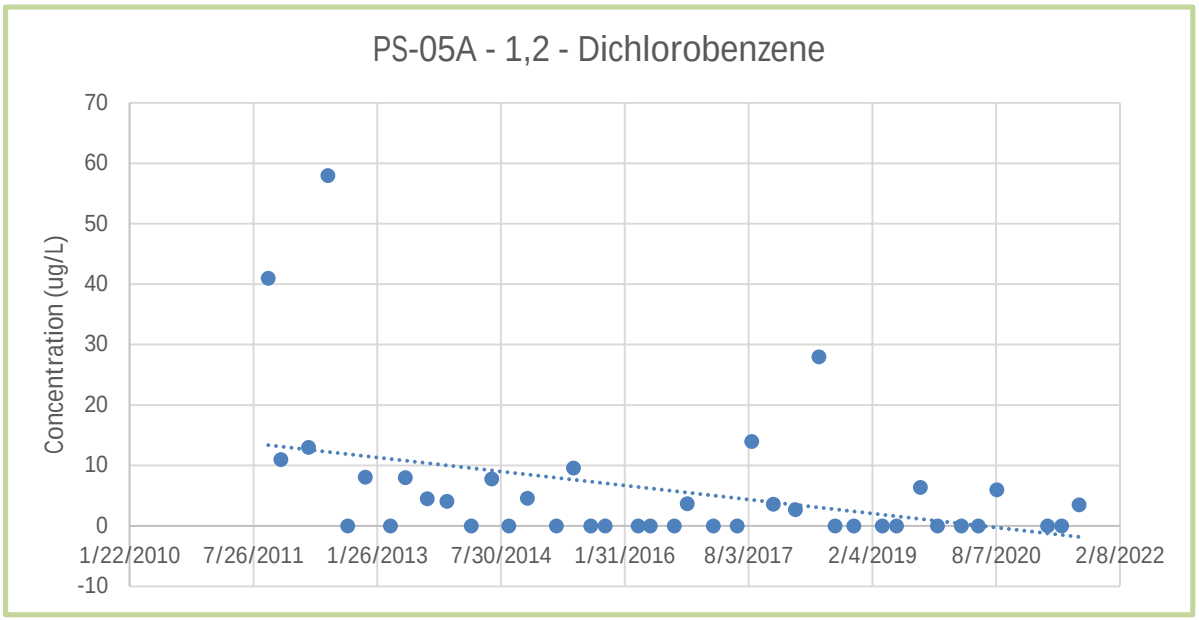
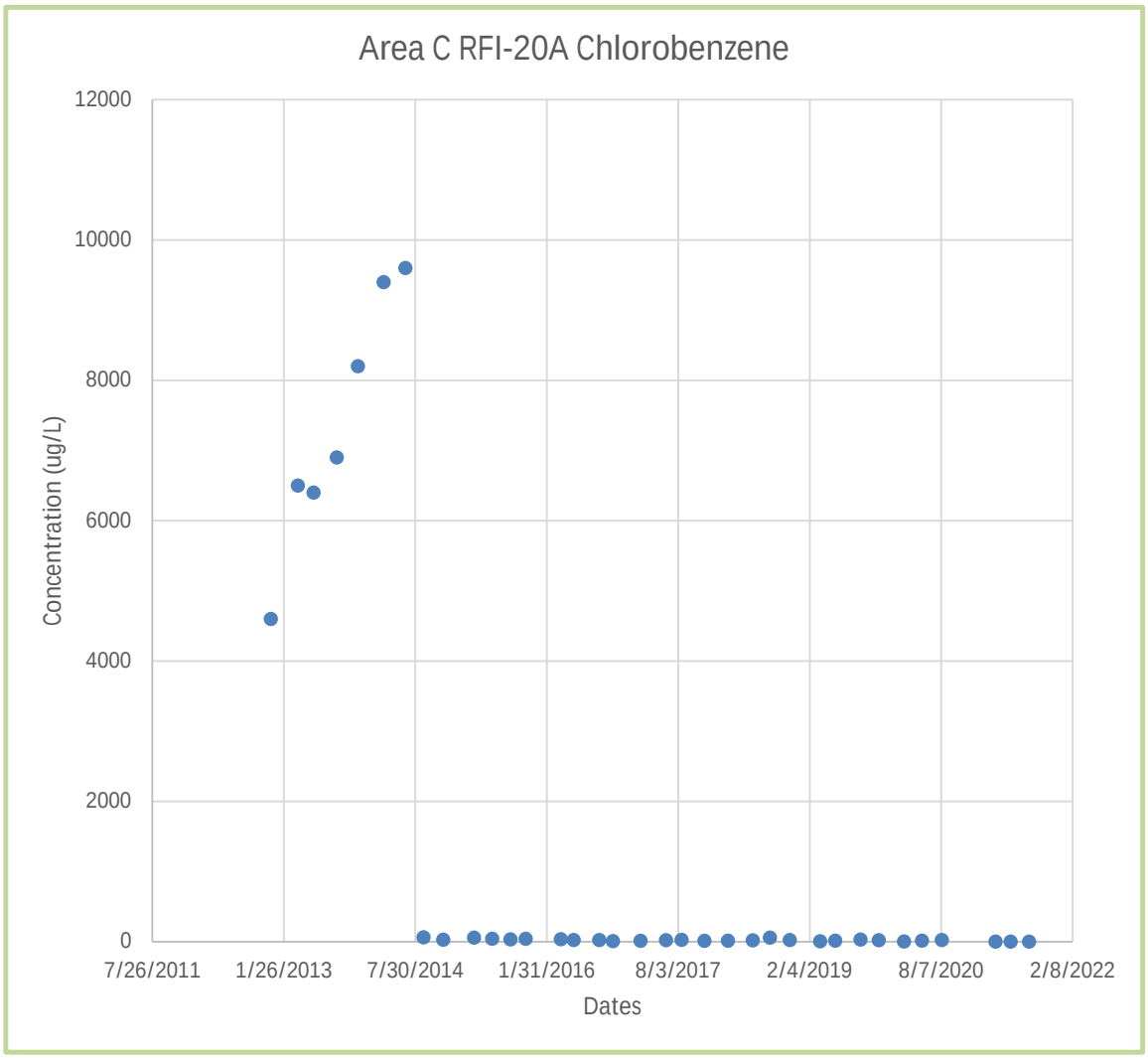


Table 2 (continued)
Monitoring Well RFI-20A Trend Graphs
Area C
Former Buffalo Color



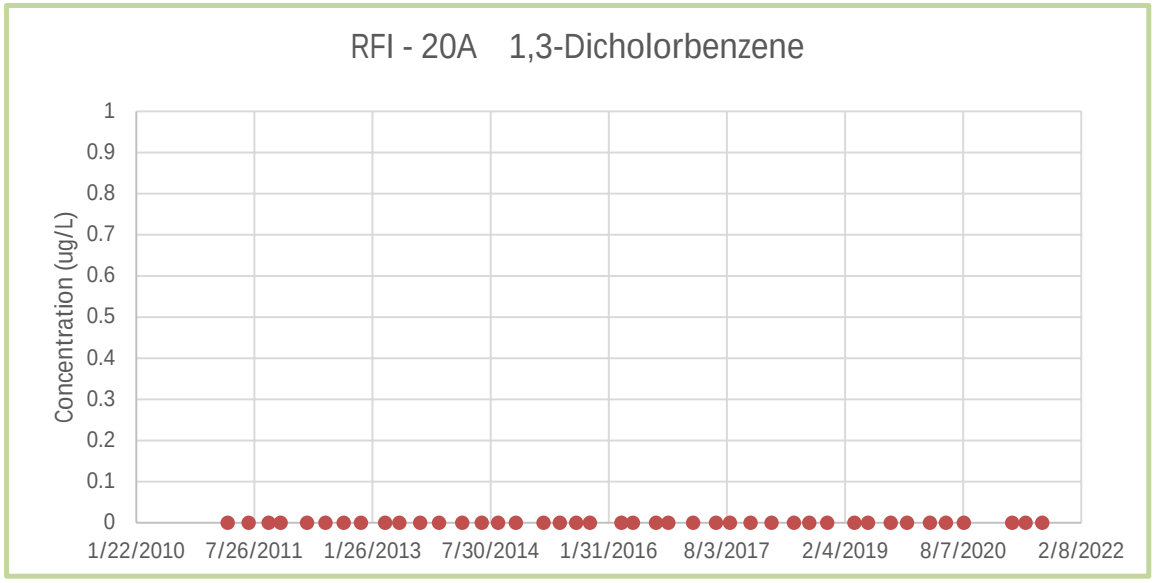
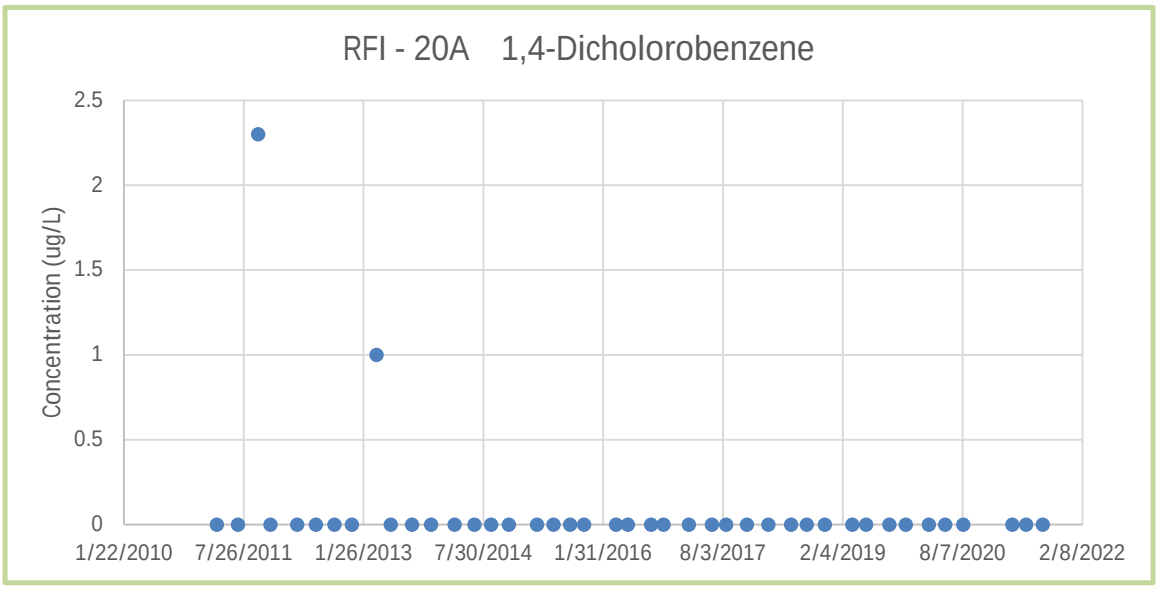


Table 2 (continued)
Monitoring Well RFI-20A Trend Graphs
Area C
Former Buffalo Color



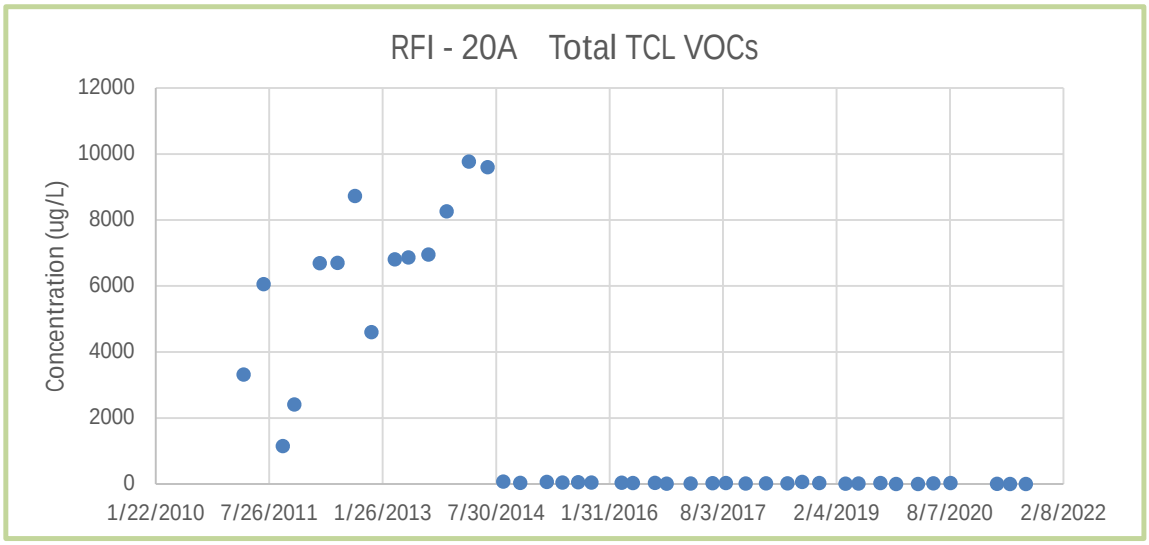
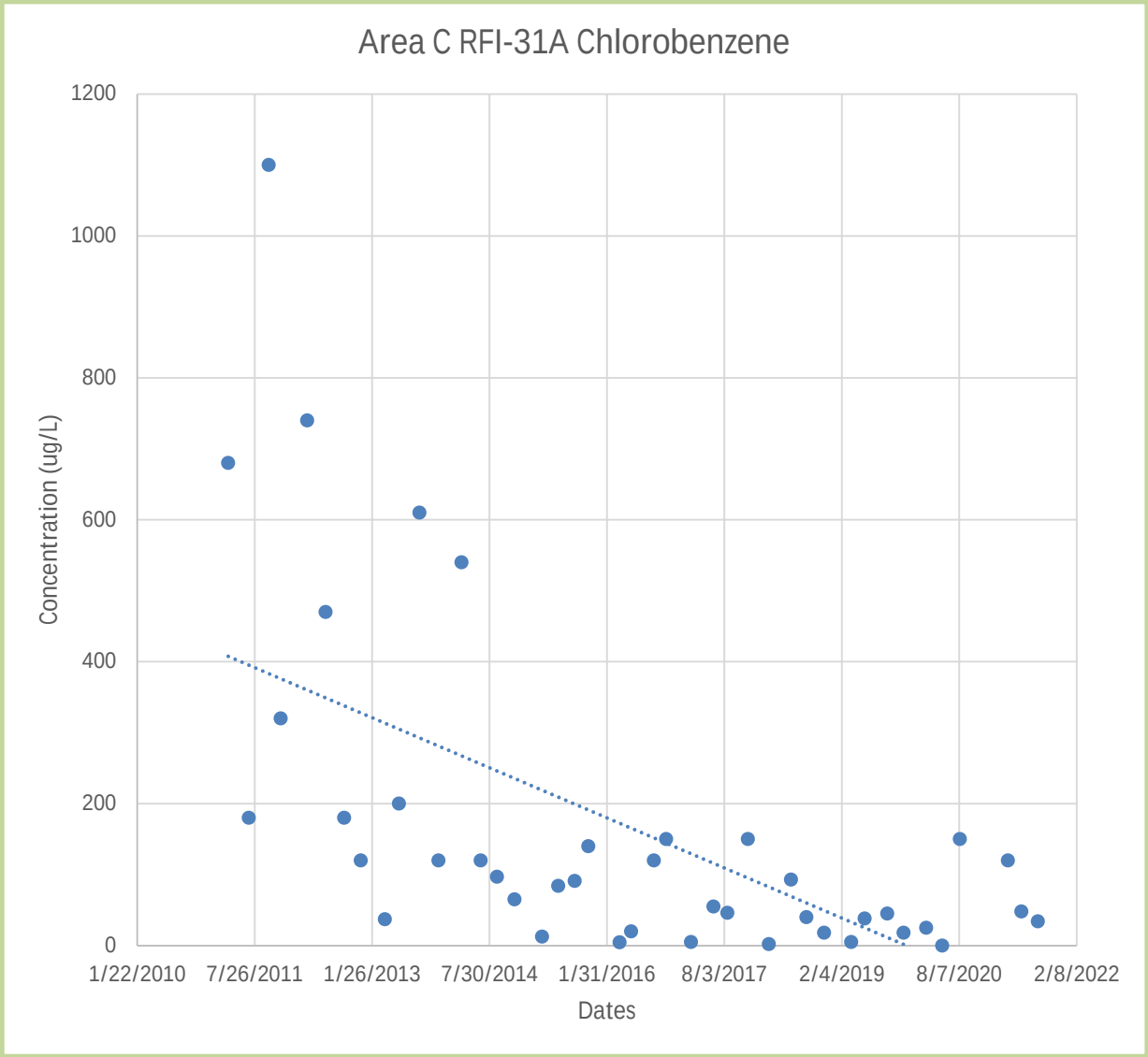


Table 2 (continued)
Monitoring Well RFI-31A Trend Graphs
Area C
Former Buffalo Color Corporation
Buffalo, New York



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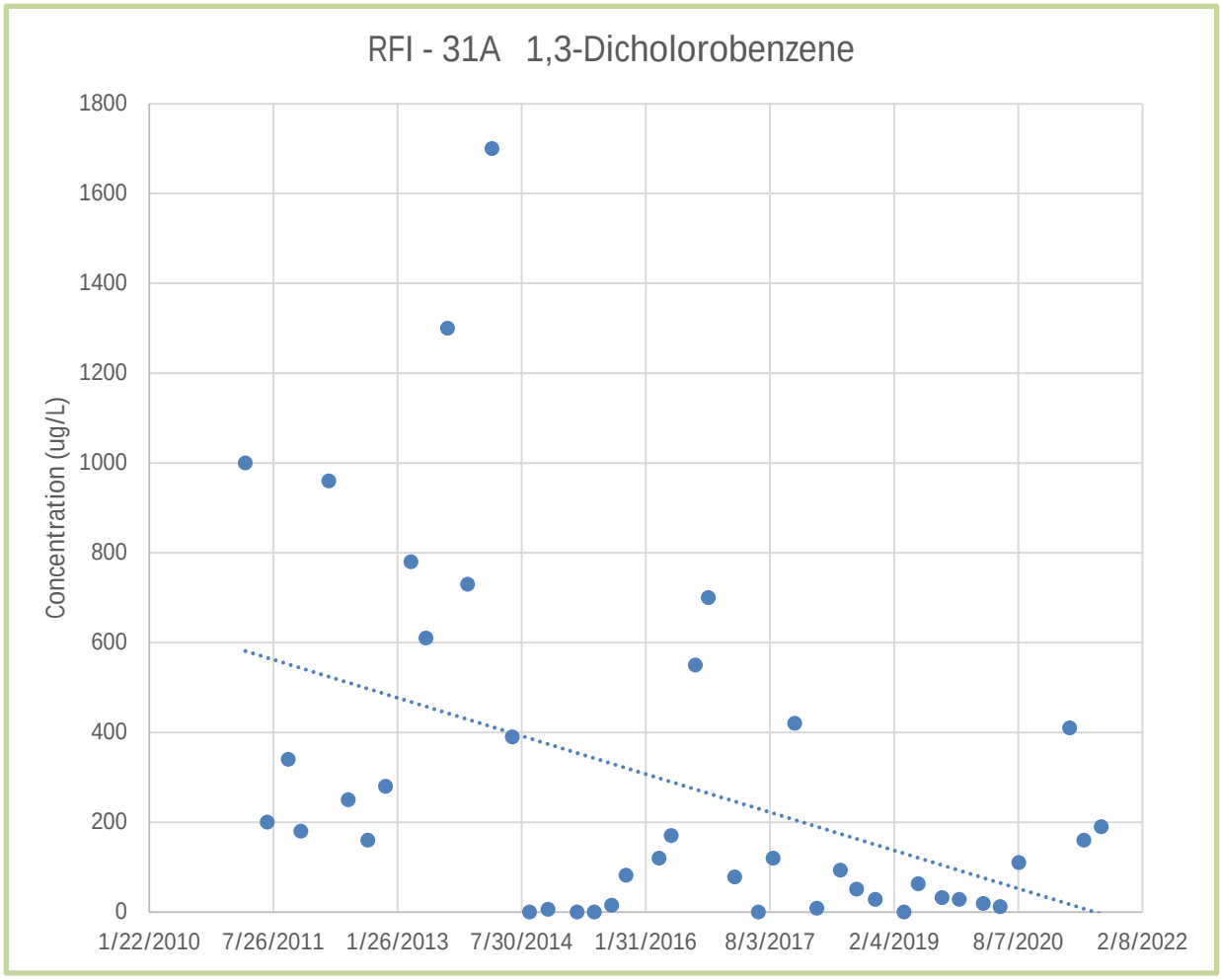
Monitoring Well RFI-31A Trend Graphs
Area C
Former Buffalo Color Corporation
Buffalo, New York



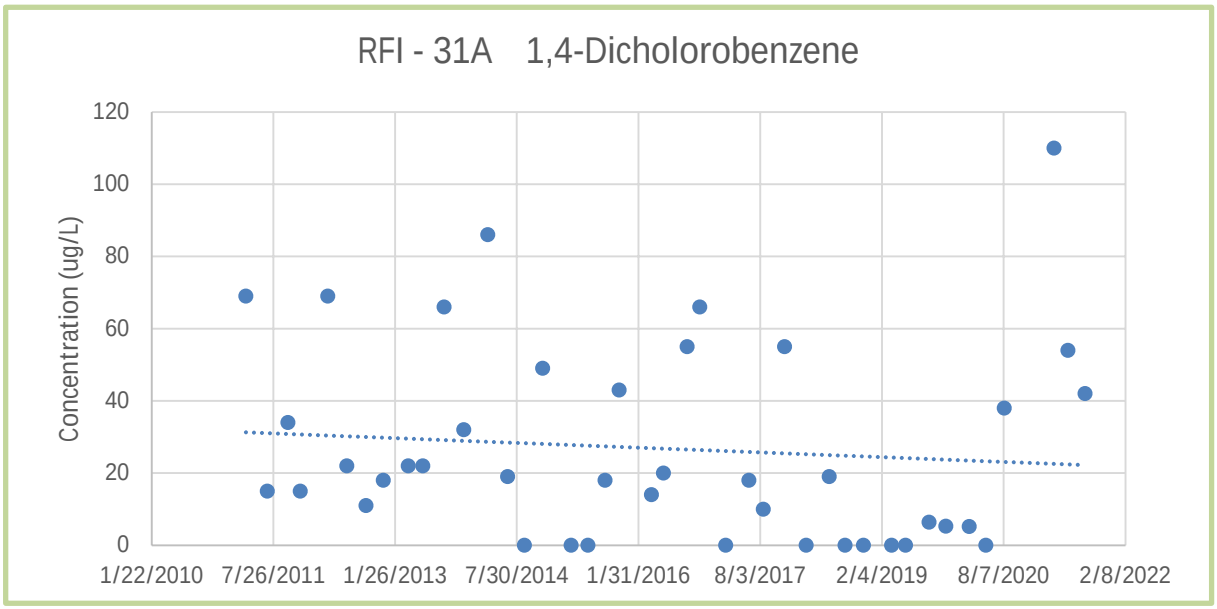
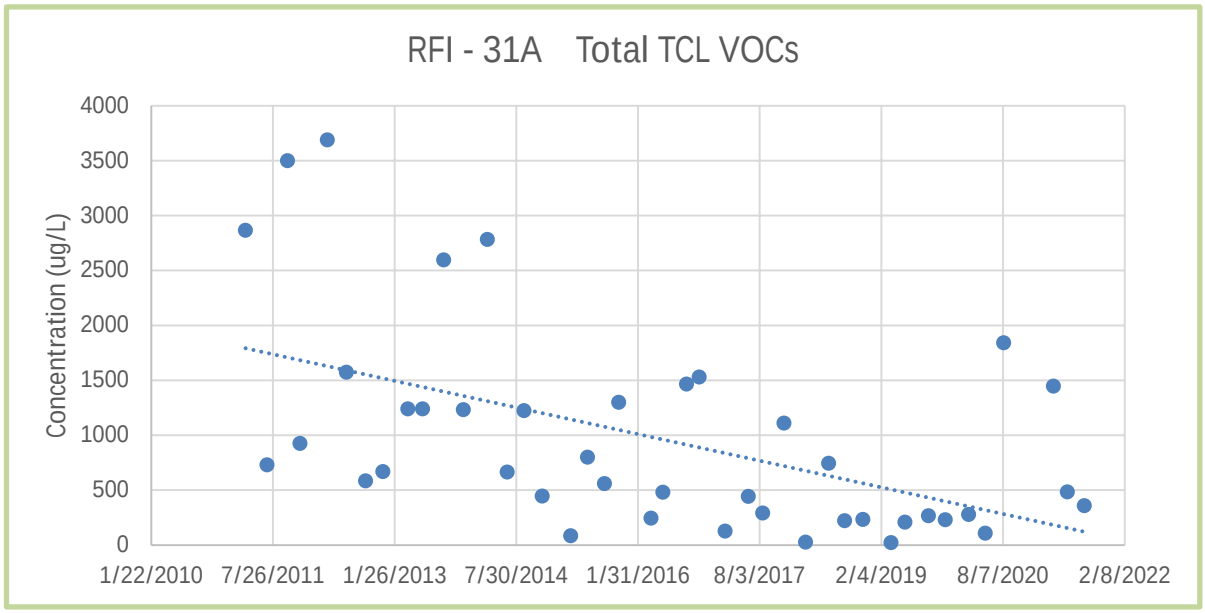


Table 2 (continued)
Monitoring Well RFI-31A Trend Graphs
Area C
Former Buffalo Color Corporation
Buffalo, New York



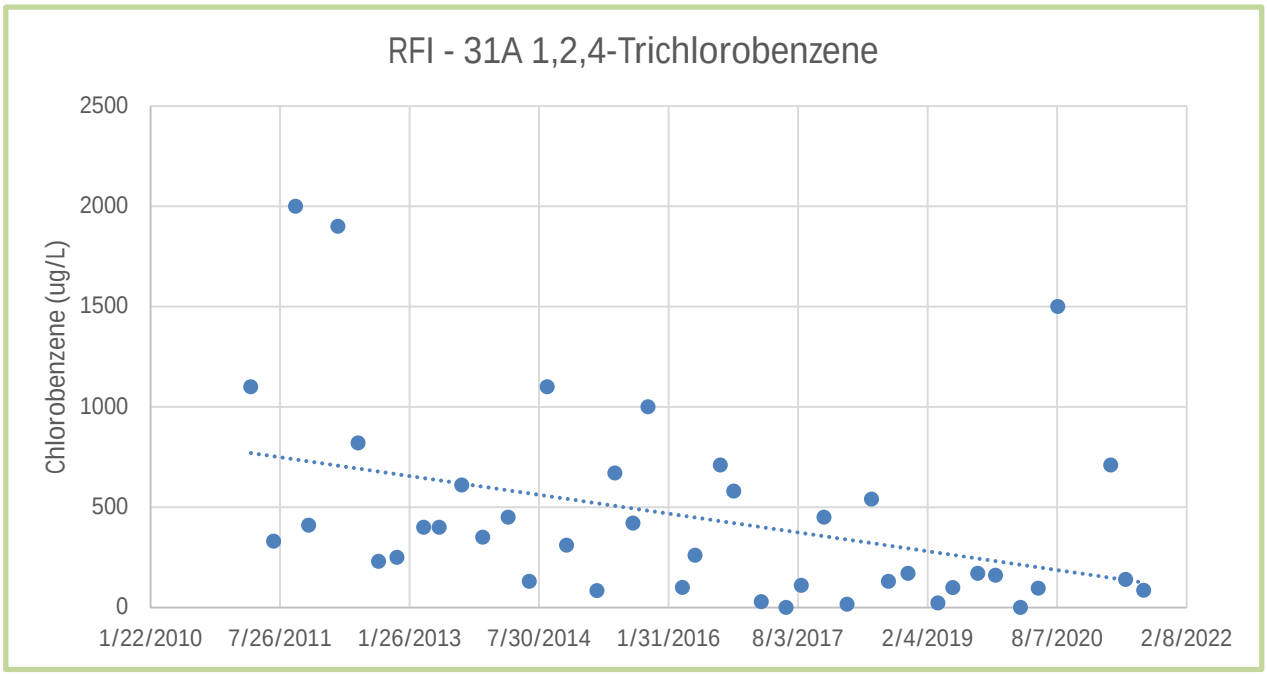


Table 2 (continued)
Monitoring Well RFI-31A Trend Graphs
Area C
Former Buffalo Color Corporation
Buffalo, New York

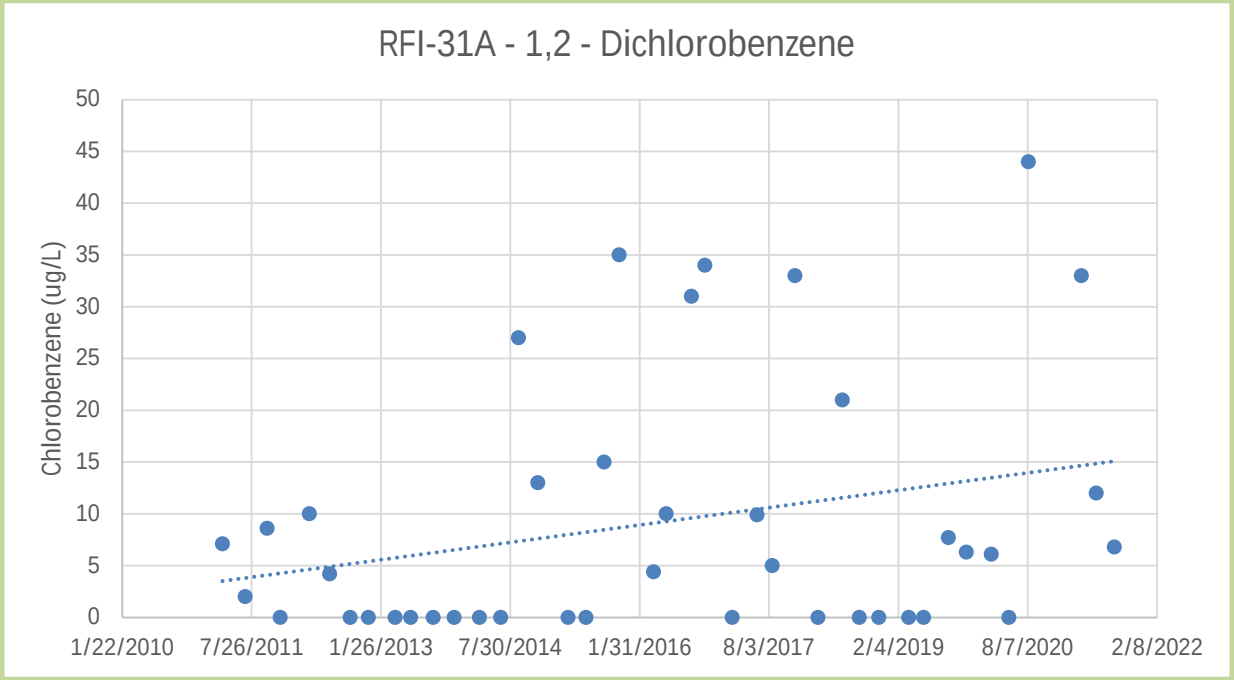


Table 3
Area C Quarterly Inspection Summary

Pre-Inspection Data									Area C Cover System & Site-Wide Compliance Inspection									
			Weather					Site Conditions	Cover System (OK / Comment)					Site-Wide Compliance (OK / Comment)					
Date	Associate(s)	NYSDEC Invitation Extended (Yes / No / List Attendees)	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 C Soil Cover Integrity	Area C Grass / Vegetation	Area C Gravel Cover Integrity	Area C Outdoor Paved Areas	Area C Occupied Basement Slabs	Area C Storm Drainage System & Structures	Area C Groundwater Monitoring Program	Area C Site Records	Area C Active Site Permits	Area C O&M Schedule	Area C Institutional Site Use Restrictions	Area C Additional Notes
Mon 12/21/2020	Tom Wagner	No	Cloudy	None	No	Calm	39	Damp	None	New grass planted, evaluate in spring	Some new grass planted	OK	New paved area's, parking lot	Work still being done	New drainage system	OK	OK	Yes	OK	OK	Work continuing on power-house Bldgd re-hab, New Office's
Wed 2/24/2021	Tom Wagner	No	Cloudy	None	No	Moderate	28	Damp	Low	New grass planted, evaluate in spring	Some new grass planted	OK	New paved area's, parking lot	Completed	New drainage system	OK	OK	Yes	OK	OK	Work complete
Wed 5/12/2021	Tom Wagner	No	Pt. Cloudy	None	No	Calm	55	Damp	None	OK	OK	Blacktop	OK	Completed	New drainage system	OK	OK	Yes	OK	OK	
Tue 8/24/2021	Tom Wagner	No	Clear	None	No	Calm	83	Dry	Low	OK	OK	Blacktop	OK	Completed	New drainage system	OK	OK	Yes	OK	OK	

Table 4
Groundwater Elevation Data
Area C
Former Buffalo Color Corporation
Buffalo, New York

Sample Event Quarter	Area	Well ID	Water Level Measurement Date	Casing Elevation	Static Depth To Water (ft)	Depth To NAPL Layer (ft)	Elevation	Comment
4Q	AREA.C	MW-C04	-	587.78	NG	ND	NG	Not guaged (NG). No Sample in 4Q. ORC Socks in Wells
4Q	AREA.C	PS-05A	-	588.70	NG	ND	NG	
4Q	AREA.C	RFI-20A	-	588.48	NG	ND	NG	
4Q	AREA.C	RFI-31A	-	585.98	NG	ND	NG	
1Q	AREA.C	MW-C04	2/24/2021	587.78	6.00	ND	581.78	
1Q	AREA.C	PS-05A	2/24/2021	588.70	6.59	ND	582.11	
1Q	AREA.C	RFI-20	2/24/2021	588.48	6.67	ND	581.81	
1Q	AREA.C	RFI-31	2/24/2021	585.98	7.34	ND	578.64	
2Q	AREA.C	MW-C04	5/20/2021	587.78	5.78	ND	582.00	
2Q	AREA.C	PS-05A	5/20/2021	588.70	6.60	ND	582.10	
2Q	AREA.C	RFI-20	5/20/2021	588.48	6.30	ND	582.18	
2Q	AREA.C	RFI-31	5/20/2021	585.98	6.90	ND	579.08	
3Q	AREA.C	MW-C04	8/5/2021	587.78	5.70	ND	582.08	
3Q	AREA.C	PS-05A	8/5/2021	588.70	6.02	ND	582.68	
3Q	AREA.C	RFI-20	8/5/2021	588.48	6.34	ND	582.14	
3Q	AREA.C	RFI-31	8/5/2021	585.98	6.64	ND	579.34	

Figures

D

250' 50' 0' 250'

1" = 250'

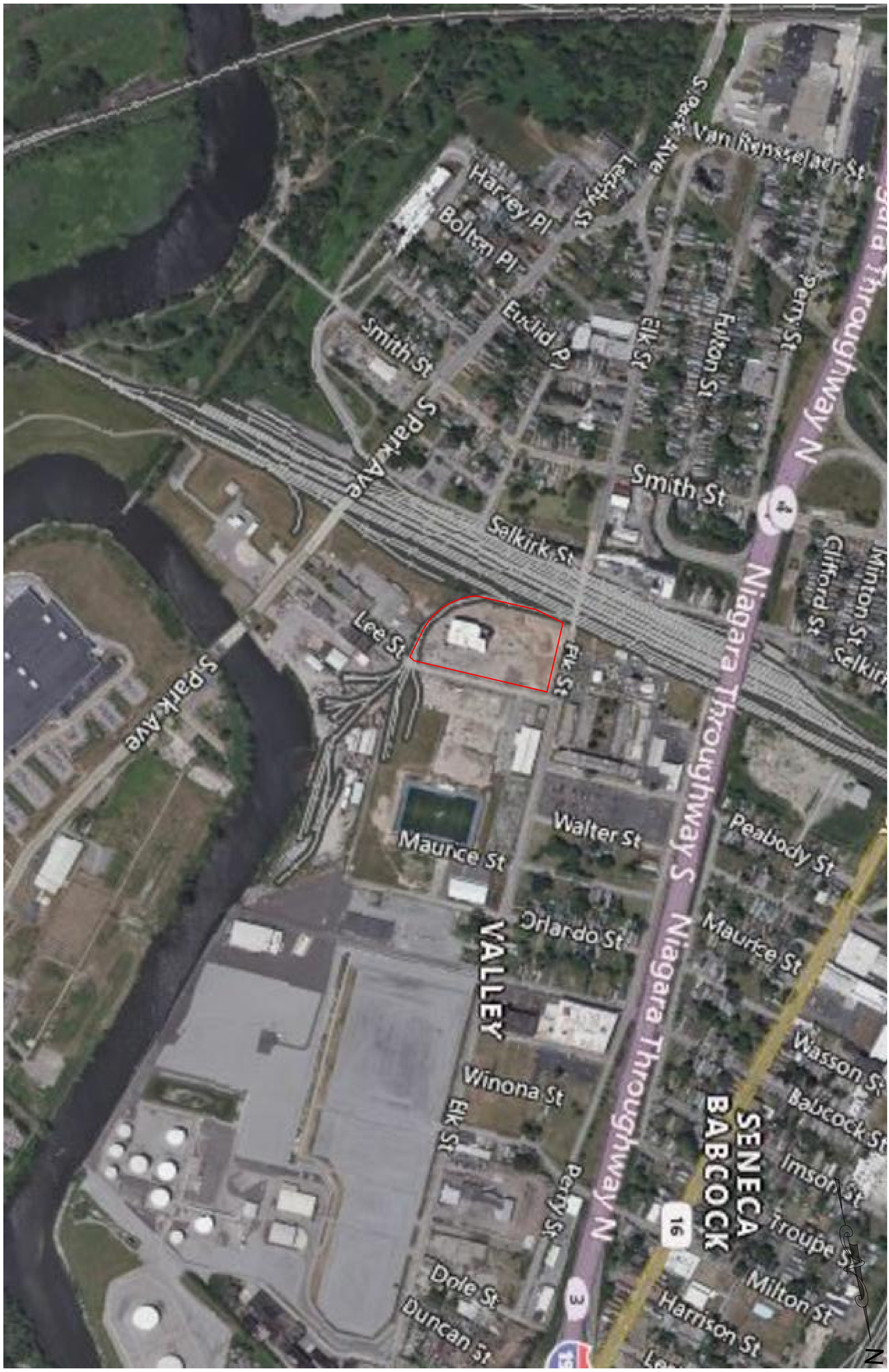


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FIGURE 1
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D

1" = 40'

100' 50' 0' 100'

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FIGURE 2

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B

1" = 100'

100' 50' 0' 100'

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MONITORING EVENT
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BUFFALO, NEW YORK

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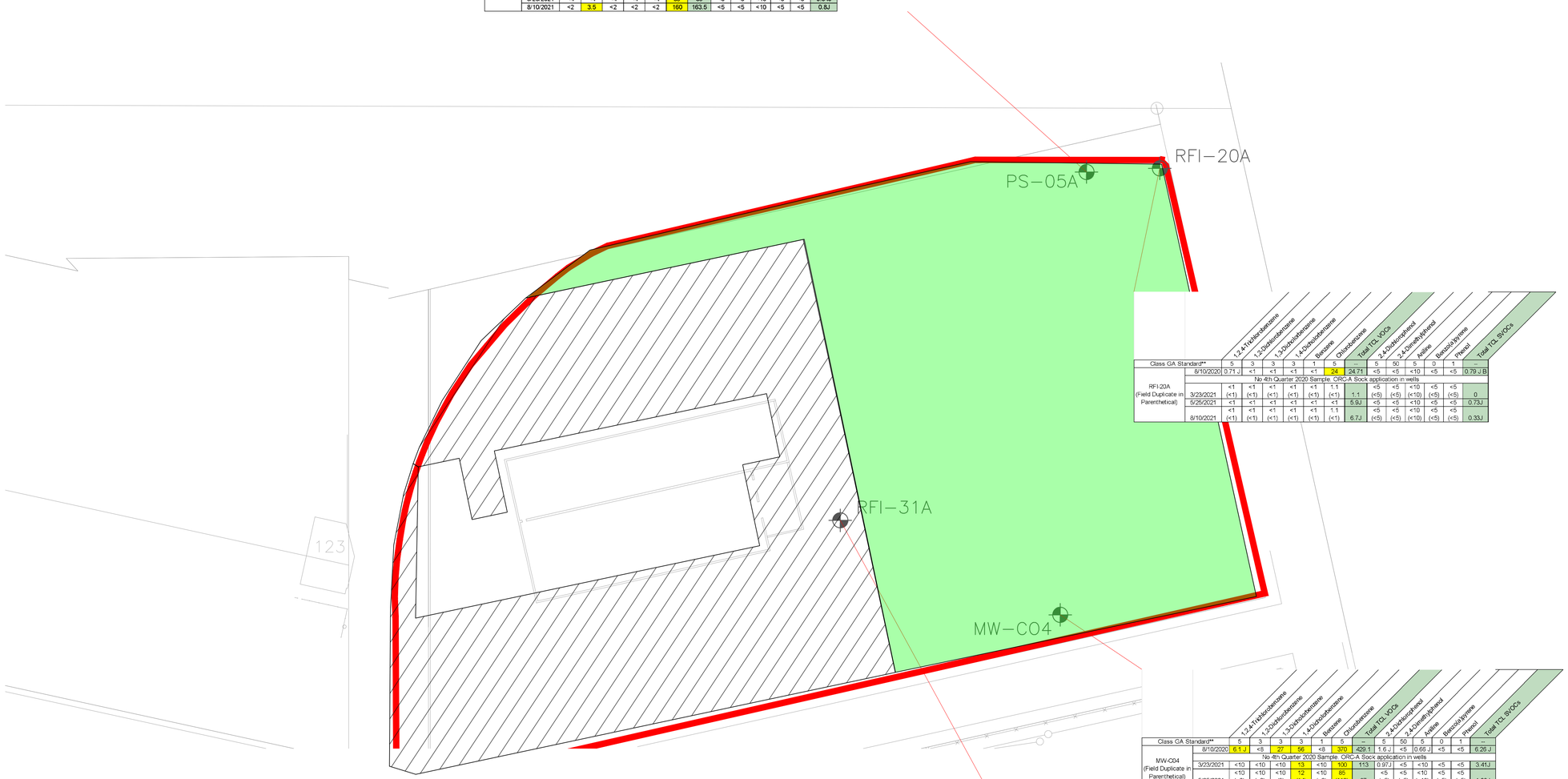
FIGURE 3

DRAWING NUMBER



		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	–	5	50	5	0	1	–
PS-05A	8/10/2020	2.5 J	6	<5	<5	<5	130	138.5	<5	<5	<10	<5	<5	0.52 J B
	No 4th Quarter 2020 Sample. ORC-A Sock application in wells													
	3/23/2021	<5	<5	<5	<5	<5	23	23	<5	<5	<10	<5	1J	1.38J
	5/25/2021	<4	<4	<4	<4	<4	39	39	<5	<5	<10	<5	<5	0.54J
	8/10/2021	<2	3.5	<2	<2	<2	160	163.5	<5	<5	<10	<5	<5	0.8J

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5		5	50	5	0	1	
RFI-20A (Field Duplicate in Parenthetical)	8/10/2020	0.71 J	<1	<1	<1	<1	24	24.71	<5	<5	<10	<5	<5	0.79 J B
	No 4th Quarter 2020 Sample. ORC-A Sock application in wells													
	3/23/2021	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	1.1 (<1)	1.1	<5 (<5)	<5 (<5)	<10 (<10)	<5 (<5)	<5 (<5)	0
	5/25/2021	<1	<1	<1	<1	<1	<1	5.9J	<5	<5	<10	<5	<5	0.73J
	8/10/2021	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	<1 (<1)	1.1 (<1)	6.7J	<5 (<5)	<5 (<5)	<10 (<10)	<5 (<5)	<5 (<5)	0.33J

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
MW-C04 (Field Duplicate in Parenthetical)	8/10/2020	6.1 J	<8	27	56	<8	370	429.1	1.6 J	<5	0.68 J	<5	<5	6.28 J
	No 4th Quarter 2020 Sample. ORC-A Sock application in wells													
	3/23/2021	<10	<10	<10	13	<10	100	113	0.97 J	<5	<10	<5	<5	3.41J
	5/25/2021	<10 (<2)	<10 (<2)	<10 (.8)	12 (14)	<10 (<2)	56 (110)	97	<5 (<5)	<5 (<5)	<10 (<10)	<5 (<5)	<5 (<5)	1.33J
	8/10/2021	<8	<8	8	14	<8	85	107	<5	<5	<10	<5	<5	0.41J

		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	--	5	50	5	0	1	--
RFI-31A	8/10/2020	1500	44	110	38	<8	150	1842	1.1 J	<5	<10	<5	<5	6 J
	No 4th Quarter 2020 Sample. ORC-A Sock application in wells													
	3/23/2021	710	33	410	110	6.2 J	120	1446.2	5.1 J	<25	<50	<25	8.1 J	19.4 J
	5/25/2021	140	12	180	54	<10	48	484	4.2 J	<5	<10	<5	3.1 J	10.37 J
	8/10/2021	85	6.8	190	42	<5	34	357.8	1.6 J	<5	<10	<5	<5	2.9 J

D

1" = 50'

100' 50' 0' 100'

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GROUNDWATER DATA
GROUNDWATER MONITORING EVENTS
BUFFALO COLOR AREA - C
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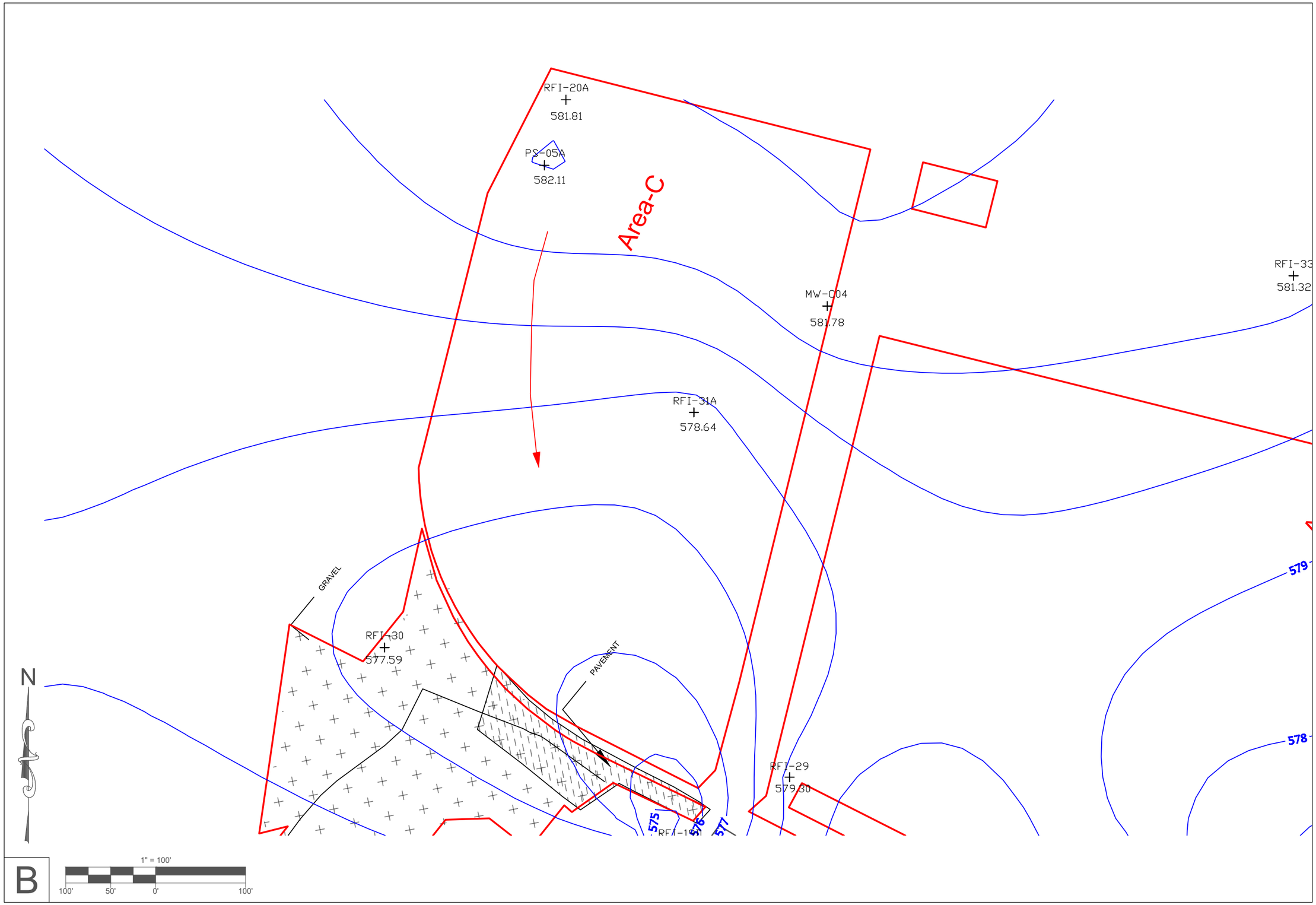
FIGURE 4



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FIRST QUARTER 2021
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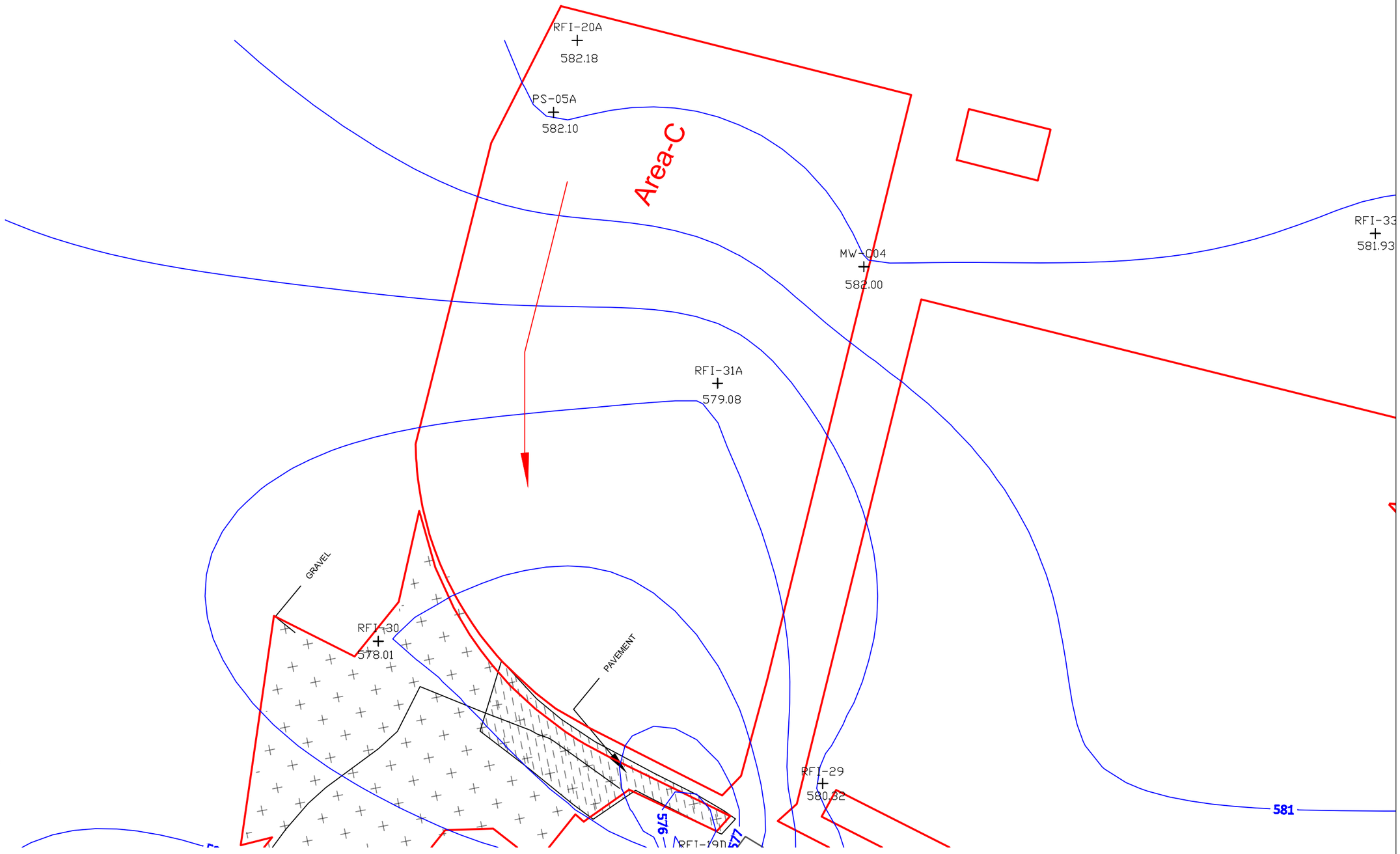
FIGURE 5

DRAWING NUMBER



B

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SECOND QUARTER 2021
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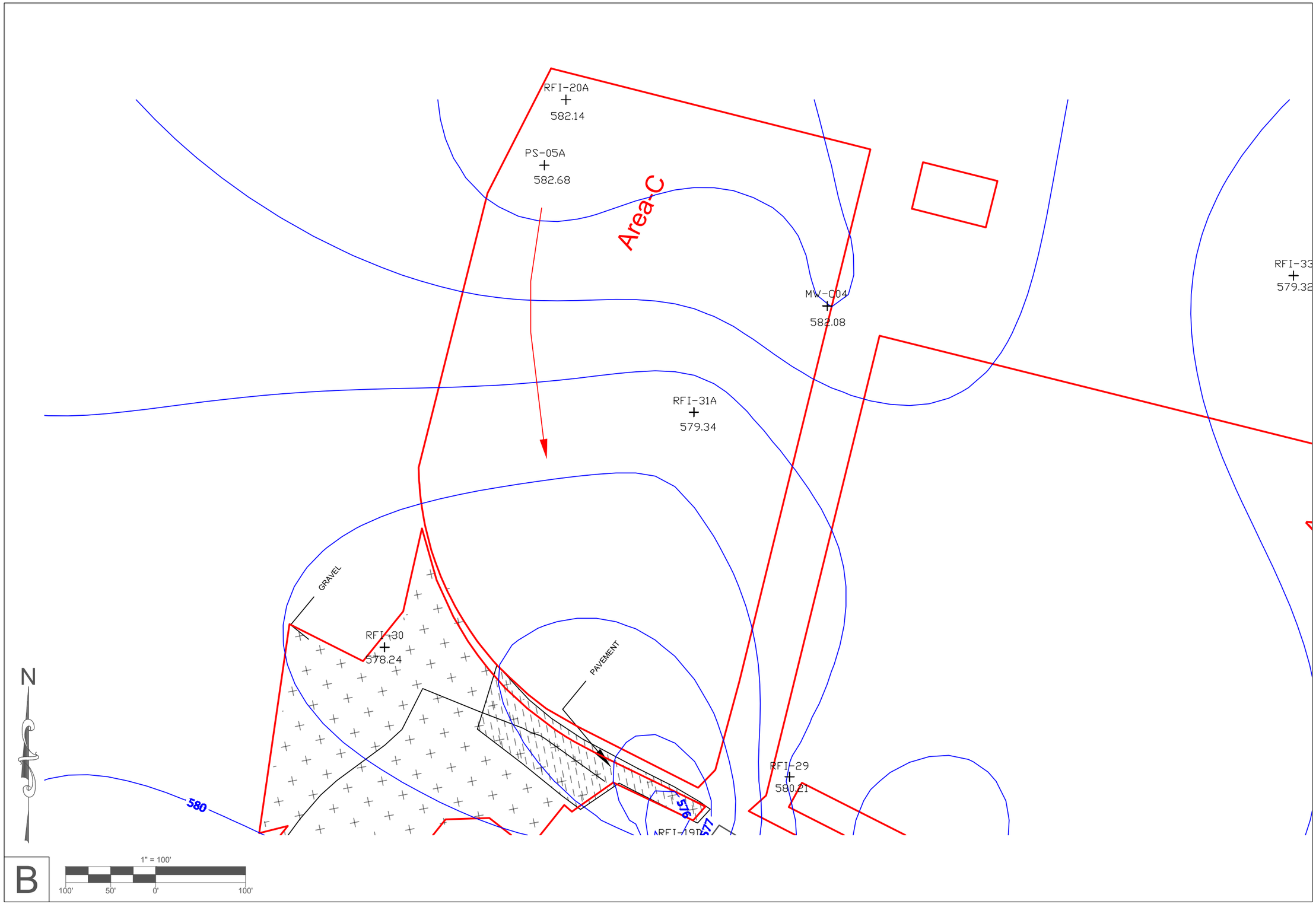
FIGURE 6

DRAWING NUMBER



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THIRD QUARTER 2021
GROUNDWATER ELEVATION
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FIGURE 7

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Appendices

Appendix A – Analytical Data

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-182380-1
Client Project/Site: Buffalo Color GWTF Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
3/31/2021 8:00:58 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

LINKS

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Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi 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.
S1+	Surrogate recovery exceeds control limits, high 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.
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

Job ID: 480-182380-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-182380-1

Comments
No additional comments.

Receipt
The samples were received on 3/23/2021 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 was 3.2º C.

GC/MS VOA
Method 8260C: The laboratory control sample (LCS) for analytical batch 480-573549 recovered outside control limits for the following analyte: Acetone. This analyte was 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 C_RFI-20 D_0321 (480-182380-1), BCC Area C MW-C04_0321 (480-182380-2), BCC Area C PS-05A_0321 (480-182380-3), BCC Area C RFI-20_0321 (480-182380-4) and BCC Area C RFI-31_0321 (480-182380-5).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area C RFI-31_0321 (480-182380-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area C MW-C04_0321 (480-182380-2) and BCC Area C PS-05A_0321 (480-182380-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-573549 were outside control limits for Acetone. The associated samples are impacted: BCC Area C RFI-20 MS_0321 (480-182380-4[MS]) and BCC Area C RFI-20 MSD_0321 (480-182380-4[MSD]).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-573731 recovered outside acceptance criteria, low biased, for Carbon disulfide. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample was non-detect for this analyte, the data have been reported. The associated sample is impacted: TRIP BLANK (480-182380-6).

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 continuing calibration verification (CCV) associated with batch 480-573762 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-573762 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BCC Area C_RFI-20 D_0321 (480-182380-1) and BCC Area C RFI-20_0321 (480-182380-4).

Method 8270D: The following sample was diluted due to color, appearance, and viscosity: BCC Area C RFI-31_0321 (480-182380-5). Elevated reporting limits (RL) are provided.

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 C RFI-31_0321 (480-182380-5). These results have been reported and qualified.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-574169 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

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

Job ID: 480-182380-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

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

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

Detection Summary

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C_RFI-20 D_0321 — Lab Sample ID: 480-182380-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.12	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0071	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.057		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	268		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0010	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	15.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0032	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	18.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0026	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	58.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.047		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C MW-C04_0321 — Lab Sample ID: 480-182380-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	13		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	100		10	7.5	ug/L	10		8260C	Total/NA
2,4-Dichlorophenol	0.97	J	5.0	0.51	ug/L	1		8270D	Total/NA
2-Chlorophenol	1.0	J	5.0	0.53	ug/L	1		8270D	Total/NA
Benzaldehyde	0.34	J	5.0	0.27	ug/L	1		8270D	Total/NA
Naphthalene	1.1	J	5.0	0.76	ug/L	1		8270D	Total/NA
Barium	0.14		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	250		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00078	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0058	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	6.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	35.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	86.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.044		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C PS-05A_0321 — Lab Sample ID: 480-182380-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	23		5.0	3.8	ug/L	5		8260C	Total/NA
Benzaldehyde	0.38	J	5.0	0.27	ug/L	1		8270D	Total/NA
Phenol	1.0	J	5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	0.15	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.030		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.036		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00060	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	105		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.00064	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.010		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.17		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	25.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0086	B	0.0030	0.00040	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C PS-05A_0321 (Continued) — Lab Sample ID: 480-182380-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	68.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.012		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-20_0321 — Lab Sample ID: 480-182380-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.1		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0056	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.057		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	273		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0011	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	15.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0037	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.75	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0026	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	58.1		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.047		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C RFI-31_0321 — Lab Sample ID: 480-182380-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	710		10	4.1	ug/L	10		8260C	Total/NA
1,2-Dichlorobenzene	33		10	7.9	ug/L	10		8260C	Total/NA
1,3-Dichlorobenzene	410		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	110		10	8.4	ug/L	10		8260C	Total/NA
Acetone	57	J *+	100	30	ug/L	10		8260C	Total/NA
Benzene	6.2	J	10	4.1	ug/L	10		8260C	Total/NA
Chlorobenzene	120		10	7.5	ug/L	10		8260C	Total/NA
2,4,5-Trichlorophenol	6.2	J	25	2.4	ug/L	5		8270D	Total/NA
2,4-Dichlorophenol	5.1	J	25	2.6	ug/L	5		8270D	Total/NA
Phenol	8.1	J	25	2.0	ug/L	5		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0063	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.028		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	481		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0064		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.011		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.14		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	7.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.029	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0025	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1870		5.0	1.6	mg/L	5		6010C	Total/NA
Vanadium	0.010		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0022	J	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 480-182380-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-182380-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.92	J	1.0	0.75	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C_RFI-20 D_0321

Lab Sample ID: 480-182380-1

Date Collected: 03/23/21 09:10

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/24/21 17:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/21 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/24/21 17:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/21 17:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/21 17:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/21 17:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/21 17:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/21 17:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/24/21 17:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/21 17:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/21 17:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/21 17:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/21 17:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/21 17:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/21 17:01	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/21 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/21 17:01	1
Acetone	ND	*+	10	3.0	ug/L			03/24/21 17:01	1
Benzene	ND		1.0	0.41	ug/L			03/24/21 17:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/21 17:01	1
Bromoform	ND		1.0	0.26	ug/L			03/24/21 17:01	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/21 17:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/21 17:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/21 17:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/21 17:01	1
Chloroethane	ND		1.0	0.32	ug/L			03/24/21 17:01	1
Chloroform	ND		1.0	0.34	ug/L			03/24/21 17:01	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/21 17:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/21 17:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/21 17:01	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/21 17:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/24/21 17:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/21 17:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/21 17:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/21 17:01	1
Methyl acetate	ND		2.5	1.3	ug/L			03/24/21 17:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/21 17:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/21 17:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/21 17:01	1
Styrene	ND		1.0	0.73	ug/L			03/24/21 17:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/21 17:01	1
Toluene	ND		1.0	0.51	ug/L			03/24/21 17:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/21 17:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/21 17:01	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/21 17:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/21 17:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/21 17:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/21 17:01	1

Client Sample ID: BCC Area C_RFI-20 D_0321

Lab Sample ID: 480-182380-1

Date Collected: 03/23/21 09:10

Matrix: Ground Water

Date Received: 03/23/21 15:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*03/24/21 17:01*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/24/21 17:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/24/21 17:01*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*03/24/21 17:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/25/21 22:57	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/24/21 07:44	03/25/21 22:57	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 22:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/24/21 07:44	03/25/21 22:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 22:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 22:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 22:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/24/21 07:44	03/25/21 22:57	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/24/21 07:44	03/25/21 22:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/24/21 07:44	03/25/21 22:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 22:57	1
2-Nitroaniline	ND		10	0.42	ug/L		03/24/21 07:44	03/25/21 22:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/25/21 22:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 22:57	1
3-Nitroaniline	ND		10	0.48	ug/L		03/24/21 07:44	03/25/21 22:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 22:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 22:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 22:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 22:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 22:57	1
4-Methylphenol	ND		10	0.36	ug/L		03/24/21 07:44	03/25/21 22:57	1
4-Nitroaniline	ND		10	0.25	ug/L		03/24/21 07:44	03/25/21 22:57	1
4-Nitrophenol	ND		10	1.5	ug/L		03/24/21 07:44	03/25/21 22:57	1
Acenaphthene	ND		5.0	0.41	ug/L		03/24/21 07:44	03/25/21 22:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/24/21 07:44	03/25/21 22:57	1
Acetophenone	ND		5.0	0.54	ug/L		03/24/21 07:44	03/25/21 22:57	1
Aniline	ND		10	0.61	ug/L		03/24/21 07:44	03/25/21 22:57	1
Anthracene	ND		5.0	0.28	ug/L		03/24/21 07:44	03/25/21 22:57	1
Atrazine	ND		5.0	0.46	ug/L		03/24/21 07:44	03/25/21 22:57	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/24/21 07:44	03/25/21 22:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 22:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 22:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/25/21 22:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 22:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/24/21 07:44	03/25/21 22:57	1
Biphenyl	ND		5.0	0.65	ug/L		03/24/21 07:44	03/25/21 22:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/24/21 07:44	03/25/21 22:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 22:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 22:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/24/21 07:44	03/25/21 22:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/24/21 07:44	03/25/21 22:57	1
Caprolactam	ND		5.0	2.2	ug/L		03/24/21 07:44	03/25/21 22:57	1
Carbazole	ND		5.0	0.30	ug/L		03/24/21 07:44	03/25/21 22:57	1

Client Sample ID: BCC Area C_RFI-20 D_0321

Lab Sample ID: 480-182380-1

Date Collected: 03/23/21 09:10

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/24/21 07:44	03/25/21 22:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/24/21 07:44	03/25/21 22:57	1
Dibenzofuran	ND		10	0.51	ug/L		03/24/21 07:44	03/25/21 22:57	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/24/21 07:44	03/25/21 22:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 22:57	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/24/21 07:44	03/25/21 22:57	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 22:57	1
Fluoranthene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 22:57	1
Fluorene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 22:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 22:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/24/21 07:44	03/25/21 22:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 22:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 22:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 22:57	1
Isophorone	ND		5.0	0.43	ug/L		03/24/21 07:44	03/25/21 22:57	1
Naphthalene	ND		5.0	0.76	ug/L		03/24/21 07:44	03/25/21 22:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/24/21 07:44	03/25/21 22:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/24/21 07:44	03/25/21 22:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 22:57	1
Pentachlorophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 22:57	1
Phenanthrene	ND		5.0	0.44	ug/L		03/24/21 07:44	03/25/21 22:57	1
Phenol	ND		5.0	0.39	ug/L		03/24/21 07:44	03/25/21 22:57	1
Pyrene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/25/21 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*79*		*41 - 120*	*03/24/21 07:44*	*03/25/21 22:57*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*03/24/21 07:44*	*03/25/21 22:57*	*1*
2-Fluorophenol	*86*		*35 - 120*	*03/24/21 07:44*	*03/25/21 22:57*	*1*
Nitrobenzene-d5	*110*		*46 - 120*	*03/24/21 07:44*	*03/25/21 22:57*	*1*
Phenol-d5	*65*		*22 - 120*	*03/24/21 07:44*	*03/25/21 22:57*	*1*
p-Terphenyl-d14	*69*		*60 - 148*	*03/24/21 07:44*	*03/25/21 22:57*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.12**	**J**	0.20	0.060	mg/L		03/24/21 10:19	03/24/21 18:52	1
Antimony	ND		0.020	0.0068	mg/L		03/24/21 10:19	03/24/21 18:52	1
Arsenic	**0.0071**	**J**	0.015	0.0056	mg/L		03/24/21 10:19	03/24/21 18:52	1
Barium	**0.057**		0.0020	0.00070	mg/L		03/24/21 10:19	03/24/21 18:52	1
Beryllium	ND		0.0020	0.00030	mg/L		03/24/21 10:19	03/24/21 18:52	1
Cadmium	ND		0.0020	0.00050	mg/L		03/24/21 10:19	03/24/21 18:52	1
Calcium	**268**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:52	1
Chromium	**0.0014**	**J**	0.0040	0.0010	mg/L		03/24/21 10:19	03/24/21 18:52	1
Cobalt	**0.0010**	**J**	0.0040	0.00063	mg/L		03/24/21 10:19	03/24/21 18:52	1
Copper	ND		0.010	0.0016	mg/L		03/24/21 10:19	03/24/21 18:52	1
Iron	**15.6**		0.050	0.019	mg/L		03/24/21 10:19	03/24/21 18:52	1
Lead	**0.0032**	**J**	0.010	0.0030	mg/L		03/24/21 10:19	03/24/21 18:52	1
Magnesium	**18.7**		0.20	0.043	mg/L		03/24/21 10:19	03/24/21 18:52	1
Manganese	**0.75**	**B**	0.0030	0.00040	mg/L		03/24/21 10:19	03/24/21 18:52	1
Nickel	**0.0026**	**J**	0.010	0.0013	mg/L		03/24/21 10:19	03/24/21 18:52	1
Potassium	**8.1**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:52	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C_RFI-20 D_0321

Lab Sample ID: 480-182380-1

Date Collected: 03/23/21 09:10

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/24/21 10:19	03/24/21 18:52	1
Silver	ND		0.0060	0.0017	mg/L		03/24/21 10:19	03/24/21 18:52	1
Sodium	**58.2**		1.0	0.32	mg/L		03/24/21 10:19	03/24/21 18:52	1
Thallium	ND		0.020	0.010	mg/L		03/24/21 10:19	03/24/21 18:52	1
Vanadium	ND		0.0050	0.0015	mg/L		03/24/21 10:19	03/24/21 18:52	1
Zinc	**0.047**		0.010	0.0015	mg/L		03/24/21 10:19	03/24/21 18:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/25/21 13:17	03/25/21 16:24	1

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C MW-C04_0321

Lab Sample ID: 480-182380-2

Date Collected: 03/23/21 12:10
Date Received: 03/23/21 15:30

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			03/24/21 17:24	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			03/24/21 17:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			03/24/21 17:24	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			03/24/21 17:24	10
1,1-Dichloroethane	ND		10	3.8	ug/L			03/24/21 17:24	10
1,1-Dichloroethene	ND		10	2.9	ug/L			03/24/21 17:24	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			03/24/21 17:24	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			03/24/21 17:24	10
1,2-Dibromoethane	ND		10	7.3	ug/L			03/24/21 17:24	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			03/24/21 17:24	10
1,2-Dichloroethane	ND		10	2.1	ug/L			03/24/21 17:24	10
1,2-Dichloropropane	ND		10	7.2	ug/L			03/24/21 17:24	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			03/24/21 17:24	10
1,4-Dichlorobenzene	**13**		10	8.4	ug/L			03/24/21 17:24	10
2-Butanone (MEK)	ND		100	13	ug/L			03/24/21 17:24	10
2-Hexanone	ND		50	12	ug/L			03/24/21 17:24	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			03/24/21 17:24	10
Acetone	ND	*+	100	30	ug/L			03/24/21 17:24	10
Benzene	ND		10	4.1	ug/L			03/24/21 17:24	10
Bromodichloromethane	ND		10	3.9	ug/L			03/24/21 17:24	10
Bromoform	ND		10	2.6	ug/L			03/24/21 17:24	10
Bromomethane	ND		10	6.9	ug/L			03/24/21 17:24	10
Carbon disulfide	ND		10	1.9	ug/L			03/24/21 17:24	10
Carbon tetrachloride	ND		10	2.7	ug/L			03/24/21 17:24	10
Chlorobenzene	**100**		10	7.5	ug/L			03/24/21 17:24	10
Chloroethane	ND		10	3.2	ug/L			03/24/21 17:24	10
Chloroform	ND		10	3.4	ug/L			03/24/21 17:24	10
Chloromethane	ND		10	3.5	ug/L			03/24/21 17:24	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			03/24/21 17:24	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			03/24/21 17:24	10
Cyclohexane	ND		10	1.8	ug/L			03/24/21 17:24	10
Dibromochloromethane	ND		10	3.2	ug/L			03/24/21 17:24	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			03/24/21 17:24	10
Ethylbenzene	ND		10	7.4	ug/L			03/24/21 17:24	10
Isopropylbenzene	ND		10	7.9	ug/L			03/24/21 17:24	10
Methyl acetate	ND		25	13	ug/L			03/24/21 17:24	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			03/24/21 17:24	10
Methylcyclohexane	ND		10	1.6	ug/L			03/24/21 17:24	10
Methylene Chloride	ND		10	4.4	ug/L			03/24/21 17:24	10
Styrene	ND		10	7.3	ug/L			03/24/21 17:24	10
Tetrachloroethene	ND		10	3.6	ug/L			03/24/21 17:24	10
Toluene	ND		10	5.1	ug/L			03/24/21 17:24	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			03/24/21 17:24	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			03/24/21 17:24	10
Trichloroethene	ND		10	4.6	ug/L			03/24/21 17:24	10
Trichlorofluoromethane	ND		10	8.8	ug/L			03/24/21 17:24	10
Vinyl chloride	ND		10	9.0	ug/L			03/24/21 17:24	10
Xylenes, Total	ND		20	6.6	ug/L			03/24/21 17:24	10

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C MW-C04_0321

Date Collected: 03/23/21 12:10
Date Received: 03/23/21 15:30

Lab Sample ID: 480-182380-2

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*03/24/21 17:24*	*10*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/24/21 17:24*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/24/21 17:24*	*10*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*03/24/21 17:24*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/30/21 00:57	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/24/21 07:44	03/30/21 00:57	1
2,4-Dichlorophenol	**0.97**	**J**	5.0	0.51	ug/L		03/24/21 07:44	03/30/21 00:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/24/21 07:44	03/30/21 00:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/30/21 00:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/24/21 07:44	03/30/21 00:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 00:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/24/21 07:44	03/30/21 00:57	1
2-Chlorophenol	**1.0**	**J**	5.0	0.53	ug/L		03/24/21 07:44	03/30/21 00:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/24/21 07:44	03/30/21 00:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 00:57	1
2-Nitroaniline	ND		10	0.42	ug/L		03/24/21 07:44	03/30/21 00:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/30/21 00:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 00:57	1
3-Nitroaniline	ND		10	0.48	ug/L		03/24/21 07:44	03/30/21 00:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/24/21 07:44	03/30/21 00:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/24/21 07:44	03/30/21 00:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/24/21 07:44	03/30/21 00:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/24/21 07:44	03/30/21 00:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/24/21 07:44	03/30/21 00:57	1
4-Methylphenol	ND		10	0.36	ug/L		03/24/21 07:44	03/30/21 00:57	1
4-Nitroaniline	ND		10	0.25	ug/L		03/24/21 07:44	03/30/21 00:57	1
4-Nitrophenol	ND		10	1.5	ug/L		03/24/21 07:44	03/30/21 00:57	1
Acenaphthene	ND		5.0	0.41	ug/L		03/24/21 07:44	03/30/21 00:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/24/21 07:44	03/30/21 00:57	1
Acetophenone	ND		5.0	0.54	ug/L		03/24/21 07:44	03/30/21 00:57	1
Aniline	ND		10	0.61	ug/L		03/24/21 07:44	03/30/21 00:57	1
Anthracene	ND		5.0	0.28	ug/L		03/24/21 07:44	03/30/21 00:57	1
Atrazine	ND		5.0	0.46	ug/L		03/24/21 07:44	03/30/21 00:57	1
Benzaldehyde	**0.34**	**J**	5.0	0.27	ug/L		03/24/21 07:44	03/30/21 00:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/30/21 00:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/30/21 00:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/30/21 00:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/24/21 07:44	03/30/21 00:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/24/21 07:44	03/30/21 00:57	1
Biphenyl	ND		5.0	0.65	ug/L		03/24/21 07:44	03/30/21 00:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/24/21 07:44	03/30/21 00:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/24/21 07:44	03/30/21 00:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 00:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/24/21 07:44	03/30/21 00:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/24/21 07:44	03/30/21 00:57	1
Caprolactam	ND		5.0	2.2	ug/L		03/24/21 07:44	03/30/21 00:57	1
Carbazole	ND		5.0	0.30	ug/L		03/24/21 07:44	03/30/21 00:57	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C MW-C04_0321

Lab Sample ID: 480-182380-2

Date Collected: 03/23/21 12:10
Date Received: 03/23/21 15:30

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/24/21 07:44	03/30/21 00:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/24/21 07:44	03/30/21 00:57	1
Dibenzofuran	ND		10	0.51	ug/L		03/24/21 07:44	03/30/21 00:57	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/24/21 07:44	03/30/21 00:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/24/21 07:44	03/30/21 00:57	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/24/21 07:44	03/30/21 00:57	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/24/21 07:44	03/30/21 00:57	1
Fluoranthene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 00:57	1
Fluorene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/30/21 00:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/24/21 07:44	03/30/21 00:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/24/21 07:44	03/30/21 00:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/24/21 07:44	03/30/21 00:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/24/21 07:44	03/30/21 00:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/30/21 00:57	1
Isophorone	ND		5.0	0.43	ug/L		03/24/21 07:44	03/30/21 00:57	1
Naphthalene	**1.1**	**J**	5.0	0.76	ug/L		03/24/21 07:44	03/30/21 00:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/24/21 07:44	03/30/21 00:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/24/21 07:44	03/30/21 00:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/24/21 07:44	03/30/21 00:57	1
Pentachlorophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/30/21 00:57	1
Phenanthrene	ND		5.0	0.44	ug/L		03/24/21 07:44	03/30/21 00:57	1
Phenol	ND		5.0	0.39	ug/L		03/24/21 07:44	03/30/21 00:57	1
Pyrene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/30/21 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*41 - 120*	*03/24/21 07:44*	*03/30/21 00:57*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*03/24/21 07:44*	*03/30/21 00:57*	*1*
2-Fluorophenol	*80*		*35 - 120*	*03/24/21 07:44*	*03/30/21 00:57*	*1*
Nitrobenzene-d5	*93*		*46 - 120*	*03/24/21 07:44*	*03/30/21 00:57*	*1*
Phenol-d5	*64*		*22 - 120*	*03/24/21 07:44*	*03/30/21 00:57*	*1*
p-Terphenyl-d14	*67*		*60 - 148*	*03/24/21 07:44*	*03/30/21 00:57*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/24/21 10:19	03/24/21 18:55	1
Antimony	ND		0.020	0.0068	mg/L		03/24/21 10:19	03/24/21 18:55	1
Arsenic	ND		0.015	0.0056	mg/L		03/24/21 10:19	03/24/21 18:55	1
Barium	**0.14**		0.0020	0.00070	mg/L		03/24/21 10:19	03/24/21 18:55	1
Beryllium	ND		0.0020	0.00030	mg/L		03/24/21 10:19	03/24/21 18:55	1
Cadmium	ND		0.0020	0.00050	mg/L		03/24/21 10:19	03/24/21 18:55	1
Calcium	**250**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:55	1
Chromium	**0.0012**	**J**	0.0040	0.0010	mg/L		03/24/21 10:19	03/24/21 18:55	1
Cobalt	**0.00078**	**J**	0.0040	0.00063	mg/L		03/24/21 10:19	03/24/21 18:55	1
Copper	**0.0058**	**J**	0.010	0.0016	mg/L		03/24/21 10:19	03/24/21 18:55	1
Iron	**6.4**		0.050	0.019	mg/L		03/24/21 10:19	03/24/21 18:55	1
Lead	ND		0.010	0.0030	mg/L		03/24/21 10:19	03/24/21 18:55	1
Magnesium	**35.8**		0.20	0.043	mg/L		03/24/21 10:19	03/24/21 18:55	1
Manganese	**1.4**	**B**	0.0030	0.00040	mg/L		03/24/21 10:19	03/24/21 18:55	1
Nickel	ND		0.010	0.0013	mg/L		03/24/21 10:19	03/24/21 18:55	1
Potassium	**8.3**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:55	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C MW-C04_0321

Lab Sample ID: 480-182380-2

Date Collected: 03/23/21 12:10

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/24/21 10:19	03/24/21 18:55	1
Silver	ND		0.0060	0.0017	mg/L		03/24/21 10:19	03/24/21 18:55	1
Sodium	**86.7**		1.0	0.32	mg/L		03/24/21 10:19	03/24/21 18:55	1
Thallium	ND		0.020	0.010	mg/L		03/24/21 10:19	03/24/21 18:55	1
Vanadium	ND		0.0050	0.0015	mg/L		03/24/21 10:19	03/24/21 18:55	1
Zinc	**0.044**		0.010	0.0015	mg/L		03/24/21 10:19	03/24/21 18:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/25/21 13:17	03/25/21 16:28	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C PS-05A_0321

Lab Sample ID: 480-182380-3

Date Collected: 03/23/21 10:30

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			03/24/21 17:47	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			03/24/21 17:47	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			03/24/21 17:47	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			03/24/21 17:47	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			03/24/21 17:47	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			03/24/21 17:47	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			03/24/21 17:47	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			03/24/21 17:47	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			03/24/21 17:47	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			03/24/21 17:47	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			03/24/21 17:47	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			03/24/21 17:47	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			03/24/21 17:47	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			03/24/21 17:47	5
2-Butanone (MEK)	ND		50	6.6	ug/L			03/24/21 17:47	5
2-Hexanone	ND		25	6.2	ug/L			03/24/21 17:47	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			03/24/21 17:47	5
Acetone	ND	*+	50	15	ug/L			03/24/21 17:47	5
Benzene	ND		5.0	2.1	ug/L			03/24/21 17:47	5
Bromodichloromethane	ND		5.0	2.0	ug/L			03/24/21 17:47	5
Bromoform	ND		5.0	1.3	ug/L			03/24/21 17:47	5
Bromomethane	ND		5.0	3.5	ug/L			03/24/21 17:47	5
Carbon disulfide	ND		5.0	0.95	ug/L			03/24/21 17:47	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			03/24/21 17:47	5
Chlorobenzene	**23**		5.0	3.8	ug/L			03/24/21 17:47	5
Chloroethane	ND		5.0	1.6	ug/L			03/24/21 17:47	5
Chloroform	ND		5.0	1.7	ug/L			03/24/21 17:47	5
Chloromethane	ND		5.0	1.8	ug/L			03/24/21 17:47	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			03/24/21 17:47	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			03/24/21 17:47	5
Cyclohexane	ND		5.0	0.90	ug/L			03/24/21 17:47	5
Dibromochloromethane	ND		5.0	1.6	ug/L			03/24/21 17:47	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			03/24/21 17:47	5
Ethylbenzene	ND		5.0	3.7	ug/L			03/24/21 17:47	5
Isopropylbenzene	ND		5.0	4.0	ug/L			03/24/21 17:47	5
Methyl acetate	ND		13	6.5	ug/L			03/24/21 17:47	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			03/24/21 17:47	5
Methylcyclohexane	ND		5.0	0.80	ug/L			03/24/21 17:47	5
Methylene Chloride	ND		5.0	2.2	ug/L			03/24/21 17:47	5
Styrene	ND		5.0	3.7	ug/L			03/24/21 17:47	5
Tetrachloroethene	ND		5.0	1.8	ug/L			03/24/21 17:47	5
Toluene	ND		5.0	2.6	ug/L			03/24/21 17:47	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			03/24/21 17:47	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/24/21 17:47	5
Trichloroethene	ND		5.0	2.3	ug/L			03/24/21 17:47	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			03/24/21 17:47	5
Vinyl chloride	ND		5.0	4.5	ug/L			03/24/21 17:47	5
Xylenes, Total	ND		10	3.3	ug/L			03/24/21 17:47	5

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C PS-05A_0321

Date Collected: 03/23/21 10:30
Date Received: 03/23/21 15:30

Lab Sample ID: 480-182380-3

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*03/24/21 17:47*	*5*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*03/24/21 17:47*	*5*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/24/21 17:47*	*5*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*03/24/21 17:47*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/30/21 01:27	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/24/21 07:44	03/30/21 01:27	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/24/21 07:44	03/30/21 01:27	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/24/21 07:44	03/30/21 01:27	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/30/21 01:27	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/24/21 07:44	03/30/21 01:27	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 01:27	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/24/21 07:44	03/30/21 01:27	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/24/21 07:44	03/30/21 01:27	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/24/21 07:44	03/30/21 01:27	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 01:27	1
2-Nitroaniline	ND		10	0.42	ug/L		03/24/21 07:44	03/30/21 01:27	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/30/21 01:27	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 01:27	1
3-Nitroaniline	ND		10	0.48	ug/L		03/24/21 07:44	03/30/21 01:27	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/24/21 07:44	03/30/21 01:27	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/24/21 07:44	03/30/21 01:27	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/24/21 07:44	03/30/21 01:27	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/24/21 07:44	03/30/21 01:27	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/24/21 07:44	03/30/21 01:27	1
4-Methylphenol	ND		10	0.36	ug/L		03/24/21 07:44	03/30/21 01:27	1
4-Nitroaniline	ND		10	0.25	ug/L		03/24/21 07:44	03/30/21 01:27	1
4-Nitrophenol	ND		10	1.5	ug/L		03/24/21 07:44	03/30/21 01:27	1
Acenaphthene	ND		5.0	0.41	ug/L		03/24/21 07:44	03/30/21 01:27	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/24/21 07:44	03/30/21 01:27	1
Acetophenone	ND		5.0	0.54	ug/L		03/24/21 07:44	03/30/21 01:27	1
Aniline	ND		10	0.61	ug/L		03/24/21 07:44	03/30/21 01:27	1
Anthracene	ND		5.0	0.28	ug/L		03/24/21 07:44	03/30/21 01:27	1
Atrazine	ND		5.0	0.46	ug/L		03/24/21 07:44	03/30/21 01:27	1
Benzaldehyde	**0.38**	**J**	5.0	0.27	ug/L		03/24/21 07:44	03/30/21 01:27	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/30/21 01:27	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/30/21 01:27	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/30/21 01:27	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/24/21 07:44	03/30/21 01:27	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/24/21 07:44	03/30/21 01:27	1
Biphenyl	ND		5.0	0.65	ug/L		03/24/21 07:44	03/30/21 01:27	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/24/21 07:44	03/30/21 01:27	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/24/21 07:44	03/30/21 01:27	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 01:27	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/24/21 07:44	03/30/21 01:27	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/24/21 07:44	03/30/21 01:27	1
Caprolactam	ND		5.0	2.2	ug/L		03/24/21 07:44	03/30/21 01:27	1
Carbazole	ND		5.0	0.30	ug/L		03/24/21 07:44	03/30/21 01:27	1

Client Sample ID: BCC Area C PS-05A_0321

Lab Sample ID: 480-182380-3

Date Collected: 03/23/21 10:30

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/24/21 07:44	03/30/21 01:27	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/24/21 07:44	03/30/21 01:27	1
Dibenzofuran	ND		10	0.51	ug/L		03/24/21 07:44	03/30/21 01:27	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/24/21 07:44	03/30/21 01:27	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/24/21 07:44	03/30/21 01:27	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/24/21 07:44	03/30/21 01:27	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/24/21 07:44	03/30/21 01:27	1
Fluoranthene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/30/21 01:27	1
Fluorene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/30/21 01:27	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/24/21 07:44	03/30/21 01:27	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/24/21 07:44	03/30/21 01:27	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/24/21 07:44	03/30/21 01:27	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/24/21 07:44	03/30/21 01:27	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/30/21 01:27	1
Isophorone	ND		5.0	0.43	ug/L		03/24/21 07:44	03/30/21 01:27	1
Naphthalene	ND		5.0	0.76	ug/L		03/24/21 07:44	03/30/21 01:27	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/24/21 07:44	03/30/21 01:27	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/24/21 07:44	03/30/21 01:27	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/24/21 07:44	03/30/21 01:27	1
Pentachlorophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/30/21 01:27	1
Phenanthrene	ND		5.0	0.44	ug/L		03/24/21 07:44	03/30/21 01:27	1
Phenol	**1.0**	**J**	5.0	0.39	ug/L		03/24/21 07:44	03/30/21 01:27	1
Pyrene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/30/21 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*41 - 120*	*03/24/21 07:44*	*03/30/21 01:27*	*1*
2-Fluorobiphenyl	*103*		*48 - 120*	*03/24/21 07:44*	*03/30/21 01:27*	*1*
2-Fluorophenol	*82*		*35 - 120*	*03/24/21 07:44*	*03/30/21 01:27*	*1*
Nitrobenzene-d5	*97*		*46 - 120*	*03/24/21 07:44*	*03/30/21 01:27*	*1*
Phenol-d5	*66*		*22 - 120*	*03/24/21 07:44*	*03/30/21 01:27*	*1*
p-Terphenyl-d14	*82*		*60 - 148*	*03/24/21 07:44*	*03/30/21 01:27*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.15**	**J**	0.20	0.060	mg/L		03/24/21 10:19	03/24/21 18:59	1
Antimony	ND		0.020	0.0068	mg/L		03/24/21 10:19	03/24/21 18:59	1
Arsenic	**0.030**		0.015	0.0056	mg/L		03/24/21 10:19	03/24/21 18:59	1
Barium	**0.036**		0.0020	0.00070	mg/L		03/24/21 10:19	03/24/21 18:59	1
Beryllium	ND		0.0020	0.00030	mg/L		03/24/21 10:19	03/24/21 18:59	1
Cadmium	**0.00060**	**J**	0.0020	0.00050	mg/L		03/24/21 10:19	03/24/21 18:59	1
Calcium	**105**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:59	1
Chromium	ND		0.0040	0.0010	mg/L		03/24/21 10:19	03/24/21 18:59	1
Cobalt	**0.00064**	**J**	0.0040	0.00063	mg/L		03/24/21 10:19	03/24/21 18:59	1
Copper	**0.010**		0.010	0.0016	mg/L		03/24/21 10:19	03/24/21 18:59	1
Iron	**0.17**		0.050	0.019	mg/L		03/24/21 10:19	03/24/21 18:59	1
Lead	ND		0.010	0.0030	mg/L		03/24/21 10:19	03/24/21 18:59	1
Magnesium	**25.7**		0.20	0.043	mg/L		03/24/21 10:19	03/24/21 18:59	1
Manganese	**0.0086**	**B**	0.0030	0.00040	mg/L		03/24/21 10:19	03/24/21 18:59	1
Nickel	**0.0020**	**J**	0.010	0.0013	mg/L		03/24/21 10:19	03/24/21 18:59	1
Potassium	**4.2**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:59	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C PS-05A_0321

Lab Sample ID: 480-182380-3

Date Collected: 03/23/21 10:30

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/24/21 10:19	03/24/21 18:59	1
Silver	ND		0.0060	0.0017	mg/L		03/24/21 10:19	03/24/21 18:59	1
Sodium	**68.6**		1.0	0.32	mg/L		03/24/21 10:19	03/24/21 18:59	1
Thallium	ND		0.020	0.010	mg/L		03/24/21 10:19	03/24/21 18:59	1
Vanadium	ND		0.0050	0.0015	mg/L		03/24/21 10:19	03/24/21 18:59	1
Zinc	**0.012**		0.010	0.0015	mg/L		03/24/21 10:19	03/24/21 18:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/25/21 13:17	03/25/21 16:29	1

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-20_0321

Date Collected: 03/23/21 09:00
Date Received: 03/23/21 15:30

Lab Sample ID: 480-182380-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/24/21 18:10	1
1,1,2,2-Tetrachloroethane	ND	F1	1.0	0.21	ug/L			03/24/21 18:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/24/21 18:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/21 18:10	1
1,1-Dichloroethane	ND	F1	1.0	0.38	ug/L			03/24/21 18:10	1
1,1-Dichloroethene	ND	F1	1.0	0.29	ug/L			03/24/21 18:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/21 18:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/21 18:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/24/21 18:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/21 18:10	1
1,2-Dichloroethane	ND	F1	1.0	0.21	ug/L			03/24/21 18:10	1
1,2-Dichloropropane	ND	F1	1.0	0.72	ug/L			03/24/21 18:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/21 18:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/21 18:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/21 18:10	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/21 18:10	1
4-Methyl-2-pentanone (MIBK)	ND	F1	5.0	2.1	ug/L			03/24/21 18:10	1
Acetone	ND	F1 *+	10	3.0	ug/L			03/24/21 18:10	1
Benzene	ND	F1	1.0	0.41	ug/L			03/24/21 18:10	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			03/24/21 18:10	1
Bromoform	ND		1.0	0.26	ug/L			03/24/21 18:10	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/21 18:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/21 18:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/21 18:10	1
Chlorobenzene	**1.1**		1.0	0.75	ug/L			03/24/21 18:10	1
Chloroethane	ND		1.0	0.32	ug/L			03/24/21 18:10	1
Chloroform	ND		1.0	0.34	ug/L			03/24/21 18:10	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/21 18:10	1
cis-1,2-Dichloroethene	ND	F1	1.0	0.81	ug/L			03/24/21 18:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/21 18:10	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/21 18:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/24/21 18:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/21 18:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/21 18:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/21 18:10	1
Methyl acetate	ND		2.5	1.3	ug/L			03/24/21 18:10	1
Methyl tert-butyl ether	ND	F1	1.0	0.16	ug/L			03/24/21 18:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/21 18:10	1
Methylene Chloride	ND	F1	1.0	0.44	ug/L			03/24/21 18:10	1
Styrene	ND		1.0	0.73	ug/L			03/24/21 18:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/21 18:10	1
Toluene	ND		1.0	0.51	ug/L			03/24/21 18:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/21 18:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/21 18:10	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/21 18:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/21 18:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/21 18:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/21 18:10	1

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-20_0321

Date Collected: 03/23/21 09:00
Date Received: 03/23/21 15:30

Lab Sample ID: 480-182380-4

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*03/24/21 18:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/24/21 18:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/24/21 18:10*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*03/24/21 18:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND	F2	5.0	0.48	ug/L		03/24/21 07:44	03/25/21 18:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/24/21 07:44	03/25/21 18:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 18:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/24/21 07:44	03/25/21 18:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 18:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 18:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 18:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/24/21 07:44	03/25/21 18:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/24/21 07:44	03/25/21 18:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/24/21 07:44	03/25/21 18:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 18:36	1
2-Nitroaniline	ND		10	0.42	ug/L		03/24/21 07:44	03/25/21 18:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/25/21 18:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 18:36	1
3-Nitroaniline	ND	F2	10	0.48	ug/L		03/24/21 07:44	03/25/21 18:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 18:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 18:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 18:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 18:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 18:36	1
4-Methylphenol	ND		10	0.36	ug/L		03/24/21 07:44	03/25/21 18:36	1
4-Nitroaniline	ND		10	0.25	ug/L		03/24/21 07:44	03/25/21 18:36	1
4-Nitrophenol	ND		10	1.5	ug/L		03/24/21 07:44	03/25/21 18:36	1
Acenaphthene	ND		5.0	0.41	ug/L		03/24/21 07:44	03/25/21 18:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/24/21 07:44	03/25/21 18:36	1
Acetophenone	ND		5.0	0.54	ug/L		03/24/21 07:44	03/25/21 18:36	1
Aniline	ND		10	0.61	ug/L		03/24/21 07:44	03/25/21 18:36	1
Anthracene	ND		5.0	0.28	ug/L		03/24/21 07:44	03/25/21 18:36	1
Atrazine	ND		5.0	0.46	ug/L		03/24/21 07:44	03/25/21 18:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/24/21 07:44	03/25/21 18:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 18:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 18:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/25/21 18:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 18:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/24/21 07:44	03/25/21 18:36	1
Biphenyl	ND		5.0	0.65	ug/L		03/24/21 07:44	03/25/21 18:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/24/21 07:44	03/25/21 18:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 18:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 18:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/24/21 07:44	03/25/21 18:36	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/24/21 07:44	03/25/21 18:36	1
Caprolactam	ND	F2	5.0	2.2	ug/L		03/24/21 07:44	03/25/21 18:36	1
Carbazole	ND		5.0	0.30	ug/L		03/24/21 07:44	03/25/21 18:36	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-20_0321

Lab Sample ID: 480-182380-4

Date Collected: 03/23/21 09:00
Date Received: 03/23/21 15:30

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/24/21 07:44	03/25/21 18:36	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/24/21 07:44	03/25/21 18:36	1
Dibenzofuran	ND		10	0.51	ug/L		03/24/21 07:44	03/25/21 18:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/24/21 07:44	03/25/21 18:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 18:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/24/21 07:44	03/25/21 18:36	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 18:36	1
Fluoranthene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 18:36	1
Fluorene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 18:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 18:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/24/21 07:44	03/25/21 18:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 18:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 18:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 18:36	1
Isophorone	ND		5.0	0.43	ug/L		03/24/21 07:44	03/25/21 18:36	1
Naphthalene	ND		5.0	0.76	ug/L		03/24/21 07:44	03/25/21 18:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/24/21 07:44	03/25/21 18:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/24/21 07:44	03/25/21 18:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 18:36	1
Pentachlorophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 18:36	1
Phenanthrene	ND		5.0	0.44	ug/L		03/24/21 07:44	03/25/21 18:36	1
Phenol	ND		5.0	0.39	ug/L		03/24/21 07:44	03/25/21 18:36	1
Pyrene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/25/21 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*41 - 120*	*03/24/21 07:44*	*03/25/21 18:36*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*03/24/21 07:44*	*03/25/21 18:36*	*1*
2-Fluorophenol	*88*		*35 - 120*	*03/24/21 07:44*	*03/25/21 18:36*	*1*
Nitrobenzene-d5	*114*		*46 - 120*	*03/24/21 07:44*	*03/25/21 18:36*	*1*
Phenol-d5	*68*		*22 - 120*	*03/24/21 07:44*	*03/25/21 18:36*	*1*
p-Terphenyl-d14	*74*		*60 - 148*	*03/24/21 07:44*	*03/25/21 18:36*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.11**	**J**	0.20	0.060	mg/L		03/24/21 10:19	03/24/21 19:03	1
Antimony	ND		0.020	0.0068	mg/L		03/24/21 10:19	03/24/21 19:03	1
Arsenic	**0.0056**	**J**	0.015	0.0056	mg/L		03/24/21 10:19	03/24/21 19:03	1
Barium	**0.057**		0.0020	0.00070	mg/L		03/24/21 10:19	03/24/21 19:03	1
Beryllium	ND		0.0020	0.00030	mg/L		03/24/21 10:19	03/24/21 19:03	1
Cadmium	ND		0.0020	0.00050	mg/L		03/24/21 10:19	03/24/21 19:03	1
Calcium	**273**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 19:03	1
Chromium	**0.0010**	**J**	0.0040	0.0010	mg/L		03/24/21 10:19	03/24/21 19:03	1
Cobalt	**0.0011**	**J**	0.0040	0.00063	mg/L		03/24/21 10:19	03/24/21 19:03	1
Copper	ND		0.010	0.0016	mg/L		03/24/21 10:19	03/24/21 19:03	1
Iron	**15.7**		0.050	0.019	mg/L		03/24/21 10:19	03/24/21 19:03	1
Lead	**0.0037**	**J**	0.010	0.0030	mg/L		03/24/21 10:19	03/24/21 19:03	1
Magnesium	**19.0**		0.20	0.043	mg/L		03/24/21 10:19	03/24/21 19:03	1
Manganese	**0.75**	**B**	0.0030	0.00040	mg/L		03/24/21 10:19	03/24/21 19:03	1
Nickel	**0.0026**	**J**	0.010	0.0013	mg/L		03/24/21 10:19	03/24/21 19:03	1
Potassium	**8.1**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 19:03	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-20_0321

Lab Sample ID: 480-182380-4

Date Collected: 03/23/21 09:00

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/24/21 10:19	03/24/21 19:03	1
Silver	ND		0.0060	0.0017	mg/L		03/24/21 10:19	03/24/21 19:03	1
Sodium	**58.1**		1.0	0.32	mg/L		03/24/21 10:19	03/24/21 19:03	1
Thallium	ND		0.020	0.010	mg/L		03/24/21 10:19	03/24/21 19:03	1
Vanadium	ND		0.0050	0.0015	mg/L		03/24/21 10:19	03/24/21 19:03	1
Zinc	**0.047**		0.010	0.0015	mg/L		03/24/21 10:19	03/24/21 19:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/25/21 13:17	03/25/21 16:31	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-31_0321

Lab Sample ID: 480-182380-5

Date Collected: 03/23/21 13:30
Date Received: 03/23/21 15:30

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			03/24/21 18:33	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			03/24/21 18:33	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			03/24/21 18:33	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			03/24/21 18:33	10
1,1-Dichloroethane	ND		10	3.8	ug/L			03/24/21 18:33	10
1,1-Dichloroethene	ND		10	2.9	ug/L			03/24/21 18:33	10
1,2,4-Trichlorobenzene	**710**		10	4.1	ug/L			03/24/21 18:33	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			03/24/21 18:33	10
1,2-Dibromoethane	ND		10	7.3	ug/L			03/24/21 18:33	10
1,2-Dichlorobenzene	**33**		10	7.9	ug/L			03/24/21 18:33	10
1,2-Dichloroethane	ND		10	2.1	ug/L			03/24/21 18:33	10
1,2-Dichloropropane	ND		10	7.2	ug/L			03/24/21 18:33	10
1,3-Dichlorobenzene	**410**		10	7.8	ug/L			03/24/21 18:33	10
1,4-Dichlorobenzene	**110**		10	8.4	ug/L			03/24/21 18:33	10
2-Butanone (MEK)	ND		100	13	ug/L			03/24/21 18:33	10
2-Hexanone	ND		50	12	ug/L			03/24/21 18:33	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			03/24/21 18:33	10
Acetone	**57**	**J *+**	100	30	ug/L			03/24/21 18:33	10
Benzene	**6.2**	**J**	10	4.1	ug/L			03/24/21 18:33	10
Bromodichloromethane	ND		10	3.9	ug/L			03/24/21 18:33	10
Bromoform	ND		10	2.6	ug/L			03/24/21 18:33	10
Bromomethane	ND		10	6.9	ug/L			03/24/21 18:33	10
Carbon disulfide	ND		10	1.9	ug/L			03/24/21 18:33	10
Carbon tetrachloride	ND		10	2.7	ug/L			03/24/21 18:33	10
Chlorobenzene	**120**		10	7.5	ug/L			03/24/21 18:33	10
Chloroethane	ND		10	3.2	ug/L			03/24/21 18:33	10
Chloroform	ND		10	3.4	ug/L			03/24/21 18:33	10
Chloromethane	ND		10	3.5	ug/L			03/24/21 18:33	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			03/24/21 18:33	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			03/24/21 18:33	10
Cyclohexane	ND		10	1.8	ug/L			03/24/21 18:33	10
Dibromochloromethane	ND		10	3.2	ug/L			03/24/21 18:33	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			03/24/21 18:33	10
Ethylbenzene	ND		10	7.4	ug/L			03/24/21 18:33	10
Isopropylbenzene	ND		10	7.9	ug/L			03/24/21 18:33	10
Methyl acetate	ND		25	13	ug/L			03/24/21 18:33	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			03/24/21 18:33	10
Methylcyclohexane	ND		10	1.6	ug/L			03/24/21 18:33	10
Methylene Chloride	ND		10	4.4	ug/L			03/24/21 18:33	10
Styrene	ND		10	7.3	ug/L			03/24/21 18:33	10
Tetrachloroethene	ND		10	3.6	ug/L			03/24/21 18:33	10
Toluene	ND		10	5.1	ug/L			03/24/21 18:33	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			03/24/21 18:33	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			03/24/21 18:33	10
Trichloroethene	ND		10	4.6	ug/L			03/24/21 18:33	10
Trichlorofluoromethane	ND		10	8.8	ug/L			03/24/21 18:33	10
Vinyl chloride	ND		10	9.0	ug/L			03/24/21 18:33	10
Xylenes, Total	ND		20	6.6	ug/L			03/24/21 18:33	10

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-31_0321

Date Collected: 03/23/21 13:30
Date Received: 03/23/21 15:30

Lab Sample ID: 480-182380-5

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*03/24/21 18:33*	*10*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*03/24/21 18:33*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/24/21 18:33*	*10*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*03/24/21 18:33*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	**6.2**	**J**	25	2.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		03/24/21 07:44	03/30/21 01:56	5
2,4-Dichlorophenol	**5.1**	**J**	25	2.6	ug/L		03/24/21 07:44	03/30/21 01:56	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		03/24/21 07:44	03/30/21 01:56	5
2,4-Dinitrophenol	ND		50	11	ug/L		03/24/21 07:44	03/30/21 01:56	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		03/24/21 07:44	03/30/21 01:56	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
2-Chloronaphthalene	ND		25	2.3	ug/L		03/24/21 07:44	03/30/21 01:56	5
2-Chlorophenol	ND		25	2.7	ug/L		03/24/21 07:44	03/30/21 01:56	5
2-Methylnaphthalene	ND		25	3.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
2-Methylphenol	ND		25	2.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
2-Nitroaniline	ND		50	2.1	ug/L		03/24/21 07:44	03/30/21 01:56	5
2-Nitrophenol	ND		25	2.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
3-Nitroaniline	ND		50	2.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		03/24/21 07:44	03/30/21 01:56	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		03/24/21 07:44	03/30/21 01:56	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		03/24/21 07:44	03/30/21 01:56	5
4-Chloroaniline	ND		25	3.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
4-Methylphenol	ND		50	1.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
4-Nitroaniline	ND		50	1.3	ug/L		03/24/21 07:44	03/30/21 01:56	5
4-Nitrophenol	ND		50	7.6	ug/L		03/24/21 07:44	03/30/21 01:56	5
Acenaphthene	ND		25	2.1	ug/L		03/24/21 07:44	03/30/21 01:56	5
Acenaphthylene	ND		25	1.9	ug/L		03/24/21 07:44	03/30/21 01:56	5
Acetophenone	ND		25	2.7	ug/L		03/24/21 07:44	03/30/21 01:56	5
Aniline	ND		50	3.1	ug/L		03/24/21 07:44	03/30/21 01:56	5
Anthracene	ND		25	1.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
Atrazine	ND		25	2.3	ug/L		03/24/21 07:44	03/30/21 01:56	5
Benzaldehyde	ND		25	1.3	ug/L		03/24/21 07:44	03/30/21 01:56	5
Benzo(a)anthracene	ND		25	1.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
Benzo(a)pyrene	ND		25	2.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		03/24/21 07:44	03/30/21 01:56	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		03/24/21 07:44	03/30/21 01:56	5
Biphenyl	ND		25	3.3	ug/L		03/24/21 07:44	03/30/21 01:56	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		03/24/21 07:44	03/30/21 01:56	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		03/24/21 07:44	03/30/21 01:56	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
Caprolactam	ND		25	11	ug/L		03/24/21 07:44	03/30/21 01:56	5
Carbazole	ND		25	1.5	ug/L		03/24/21 07:44	03/30/21 01:56	5

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-31_0321

Lab Sample ID: 480-182380-5

Date Collected: 03/23/21 13:30
Date Received: 03/23/21 15:30

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		03/24/21 07:44	03/30/21 01:56	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		03/24/21 07:44	03/30/21 01:56	5
Dibenzofuran	ND		50	2.6	ug/L		03/24/21 07:44	03/30/21 01:56	5
Diethyl phthalate	ND		25	1.1	ug/L		03/24/21 07:44	03/30/21 01:56	5
Dimethyl phthalate	ND		25	1.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		03/24/21 07:44	03/30/21 01:56	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
Fluoranthene	ND		25	2.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
Fluorene	ND		25	1.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
Hexachlorobenzene	ND		25	2.6	ug/L		03/24/21 07:44	03/30/21 01:56	5
Hexachlorobutadiene	ND		25	3.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
Hexachloroethane	ND		25	3.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		03/24/21 07:44	03/30/21 01:56	5
Isophorone	ND		25	2.2	ug/L		03/24/21 07:44	03/30/21 01:56	5
Naphthalene	ND		25	3.8	ug/L		03/24/21 07:44	03/30/21 01:56	5
Nitrobenzene	ND		25	1.5	ug/L		03/24/21 07:44	03/30/21 01:56	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		03/24/21 07:44	03/30/21 01:56	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		03/24/21 07:44	03/30/21 01:56	5
Pentachlorophenol	ND		50	11	ug/L		03/24/21 07:44	03/30/21 01:56	5
Phenanthrene	ND		25	2.2	ug/L		03/24/21 07:44	03/30/21 01:56	5
Phenol	**8.1**	**J**	25	2.0	ug/L		03/24/21 07:44	03/30/21 01:56	5
Pyrene	ND		25	1.7	ug/L		03/24/21 07:44	03/30/21 01:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*124*	*S1+*	*41 - 120*	*03/24/21 07:44*	*03/30/21 01:56*	*5*
2-Fluorobiphenyl	*111*		*48 - 120*	*03/24/21 07:44*	*03/30/21 01:56*	*5*
2-Fluorophenol	*102*		*35 - 120*	*03/24/21 07:44*	*03/30/21 01:56*	*5*
Nitrobenzene-d5	*105*		*46 - 120*	*03/24/21 07:44*	*03/30/21 01:56*	*5*
Phenol-d5	*86*		*22 - 120*	*03/24/21 07:44*	*03/30/21 01:56*	*5*
p-Terphenyl-d14	*108*		*60 - 148*	*03/24/21 07:44*	*03/30/21 01:56*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.14**	**J**	0.20	0.060	mg/L		03/24/21 10:19	03/24/21 19:32	1
Antimony	ND		0.020	0.0068	mg/L		03/24/21 10:19	03/24/21 19:32	1
Arsenic	**0.0063**	**J**	0.015	0.0056	mg/L		03/24/21 10:19	03/24/21 19:32	1
Barium	**0.028**		0.0020	0.00070	mg/L		03/24/21 10:19	03/24/21 19:32	1
Beryllium	ND		0.0020	0.00030	mg/L		03/24/21 10:19	03/24/21 19:32	1
Cadmium	ND		0.0020	0.00050	mg/L		03/24/21 10:19	03/24/21 19:32	1
Calcium	**481**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 19:32	1
Chromium	**0.0064**		0.0040	0.0010	mg/L		03/24/21 10:19	03/24/21 19:32	1
Cobalt	ND		0.0040	0.00063	mg/L		03/24/21 10:19	03/24/21 19:32	1
Copper	**0.011**		0.010	0.0016	mg/L		03/24/21 10:19	03/24/21 19:32	1
Iron	**0.14**		0.050	0.019	mg/L		03/24/21 10:19	03/24/21 19:32	1
Lead	ND		0.010	0.0030	mg/L		03/24/21 10:19	03/24/21 19:32	1
Magnesium	**7.8**		0.20	0.043	mg/L		03/24/21 10:19	03/24/21 19:32	1
Manganese	**0.029**	**B**	0.0030	0.00040	mg/L		03/24/21 10:19	03/24/21 19:32	1
Nickel	**0.0025**	**J**	0.010	0.0013	mg/L		03/24/21 10:19	03/24/21 19:32	1
Potassium	**8.7**		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 19:32	1

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-31_0321

Lab Sample ID: 480-182380-5

Date Collected: 03/23/21 13:30

Matrix: Ground Water

Date Received: 03/23/21 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/24/21 10:19	03/24/21 19:32	1
Silver	ND		0.0060	0.0017	mg/L		03/24/21 10:19	03/24/21 19:32	1
Sodium	**1870**		5.0	1.6	mg/L		03/24/21 10:19	03/29/21 14:43	5
Thallium	ND		0.020	0.010	mg/L		03/24/21 10:19	03/24/21 19:32	1
Vanadium	**0.010**		0.0050	0.0015	mg/L		03/24/21 10:19	03/24/21 19:32	1
Zinc	**0.0022**	**J**	0.010	0.0015	mg/L		03/24/21 10:19	03/24/21 19:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/25/21 13:17	03/25/21 16:36	1

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-182380-6

Date Collected: 03/23/21 00:00
Date Received: 03/23/21 15:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/25/21 13:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/25/21 13:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/25/21 13:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/25/21 13:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/25/21 13:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/25/21 13:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/25/21 13:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/25/21 13:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/25/21 13:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/25/21 13:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/25/21 13:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/25/21 13:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/25/21 13:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/25/21 13:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/25/21 13:12	1
2-Hexanone	ND		5.0	1.2	ug/L			03/25/21 13:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/25/21 13:12	1
Acetone	ND		10	3.0	ug/L			03/25/21 13:12	1
Benzene	ND		1.0	0.41	ug/L			03/25/21 13:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/25/21 13:12	1
Bromoform	ND		1.0	0.26	ug/L			03/25/21 13:12	1
Bromomethane	ND		1.0	0.69	ug/L			03/25/21 13:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/25/21 13:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/25/21 13:12	1
Chlorobenzene	**0.92**	**J**	1.0	0.75	ug/L			03/25/21 13:12	1
Chloroethane	ND		1.0	0.32	ug/L			03/25/21 13:12	1
Chloroform	ND		1.0	0.34	ug/L			03/25/21 13:12	1
Chloromethane	ND		1.0	0.35	ug/L			03/25/21 13:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/25/21 13:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/25/21 13:12	1
Cyclohexane	ND		1.0	0.18	ug/L			03/25/21 13:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/25/21 13:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 13:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/25/21 13:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/25/21 13:12	1
Methyl acetate	ND		2.5	1.3	ug/L			03/25/21 13:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/25/21 13:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/25/21 13:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/25/21 13:12	1
Styrene	ND		1.0	0.73	ug/L			03/25/21 13:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/25/21 13:12	1
Toluene	ND		1.0	0.51	ug/L			03/25/21 13:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/25/21 13:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/25/21 13:12	1
Trichloroethene	ND		1.0	0.46	ug/L			03/25/21 13:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/25/21 13:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/25/21 13:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/25/21 13:12	1

Client Sample Results

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

Job ID: 480-182380-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-182380-6

Date Collected: 03/23/21 00:00

Matrix: Water

Date Received: 03/23/21 15:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		03/25/21 13:12	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/25/21 13:12	1
Toluene-d8 (Surr)	105		80 - 120		03/25/21 13:12	1
Dibromofluoromethane (Surr)	103		75 - 123		03/25/21 13:12	1

Surrogate Summary

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

Job ID: 480-182380-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-182380-1	BCC Area C_RFI-20 D_0321	110	95	99	107
480-182380-2	BCC Area C MW-C04_0321	110	93	101	106
480-182380-3	BCC Area C PS-05A_0321	111	94	101	105
480-182380-4	BCC Area C RFI-20_0321	107	95	99	106
480-182380-4 MS	BCC Area C RFI-20 MS_0321	111	96	102	106
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	107	97	99	103
480-182380-5	BCC Area C RFI-31_0321	110	96	101	106

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-182380-6	TRIP BLANK	105	104	105	103
LCS 480-573549/5	Lab Control Sample	108	97	103	109
LCS 480-573731/5	Lab Control Sample	106	108	105	106
MB 480-573549/7	Method Blank	108	95	105	106
MB 480-573731/7	Method Blank	107	104	103	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
480-182380-1	BCC Area C_RFI-20 D_0321	79	98	86	110	65	69
480-182380-2	BCC Area C MW-C04_0321	113	89	80	93	64	67
480-182380-3	BCC Area C PS-05A_0321	113	103	82	97	66	82
480-182380-4	BCC Area C RFI-20_0321	82	101	88	114	68	74
480-182380-4 MS	BCC Area C RFI-20 MS_0321	80	87	78	97	65	70
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	89	98	88	109	74	71
480-182380-5	BCC Area C RFI-31_0321	124 S1+	111	102	105	86	108

Surrogate Legend

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

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-182380-1
Project/Site: Buffalo Color GWTF Area C Wells

TPHd14 = p-Terphenyl-d14

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	**Client Sample ID**	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
LCS 480-573542/2-A	Lab Control Sample	82	95	84	107	72	104
MB 480-573542/1-A	Method Blank	61	89	78	101	59	95

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

Lab Sample ID: MB 480-573549/7
Matrix: Water
Analysis Batch: 573549

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			03/24/21 10:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/21 10:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/24/21 10:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/21 10:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/21 10:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/21 10:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/21 10:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/21 10:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/24/21 10:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/21 10:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/21 10:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/21 10:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/21 10:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/21 10:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/21 10:52	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/21 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/21 10:52	1
Acetone	ND		10	3.0	ug/L			03/24/21 10:52	1
Benzene	ND		1.0	0.41	ug/L			03/24/21 10:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/21 10:52	1
Bromoform	ND		1.0	0.26	ug/L			03/24/21 10:52	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/21 10:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/21 10:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/21 10:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/21 10:52	1
Chloroethane	ND		1.0	0.32	ug/L			03/24/21 10:52	1
Chloroform	ND		1.0	0.34	ug/L			03/24/21 10:52	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/21 10:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/21 10:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/21 10:52	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/21 10:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/24/21 10:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/21 10:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/21 10:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/21 10:52	1
Methyl acetate	ND		2.5	1.3	ug/L			03/24/21 10:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/21 10:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/21 10:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/21 10:52	1
Styrene	ND		1.0	0.73	ug/L			03/24/21 10:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/21 10:52	1
Toluene	ND		1.0	0.51	ug/L			03/24/21 10:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/21 10:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/21 10:52	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/21 10:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/21 10:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/21 10:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/21 10:52	1

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

Lab Sample ID: MB 480-573549/7
Matrix: Water
Analysis Batch: 573549

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		03/24/21 10:52	1
4-Bromofluorobenzene (Surr)	95		73 - 120		03/24/21 10:52	1
Toluene-d8 (Surr)	105		80 - 120		03/24/21 10:52	1
Dibromofluoromethane (Surr)	106		75 - 123		03/24/21 10:52	1

Lab Sample ID: LCS 480-573549/5
Matrix: Water
Analysis Batch: 573549

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.2		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.7		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	24.5		ug/L		98	66 - 127
1,2,4-Trichlorobenzene	25.0	24.1		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		99	56 - 134
1,2-Dibromoethane	25.0	23.2		ug/L		93	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 120
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	180	*+	ug/L		144	56 - 142
Benzene	25.0	25.3		ug/L		101	71 - 124
Bromodichloromethane	25.0	26.6		ug/L		107	80 - 122
Bromoform	25.0	23.7		ug/L		95	61 - 132
Bromomethane	25.0	23.2		ug/L		93	55 - 144
Carbon disulfide	25.0	26.1		ug/L		104	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		86	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120
Chloroethane	25.0	24.2		ug/L		97	69 - 136
Chloroform	25.0	23.9		ug/L		96	73 - 127
Chloromethane	25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	74 - 124
Cyclohexane	25.0	23.7		ug/L		95	59 - 135
Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125
Dichlorodifluoromethane	25.0	18.2		ug/L		73	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	51.9		ug/L		104	74 - 133
Methyl tert-butyl ether	25.0	26.7		ug/L		107	77 - 120
Methylcyclohexane	25.0	21.8		ug/L		87	68 - 134

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

Lab Sample ID: LCS 480-573549/5
Matrix: Water
Analysis Batch: 573549

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		99	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
Tetrachloroethene	25.0	22.9		ug/L		92	74 - 122
Toluene	25.0	23.8		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	80 - 120
Trichloroethene	25.0	24.3		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	22.0		ug/L		88	62 - 150
Vinyl chloride	25.0	22.8		ug/L		91	65 - 133
Xylenes, Total	50.0	48.5		ug/L		97	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

Lab Sample ID: 480-182380-4 MS
Matrix: Ground Water
Analysis Batch: 573549

Client Sample ID: BCC Area C RFI-20 MS_0321
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	30.2		ug/L		121	73 - 126
1,1,2,2-Tetrachloroethane	ND	F1	25.0	30.4	F1	ug/L		122	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.9		ug/L		120	61 - 148
1,1,2-Trichloroethane	ND		25.0	30.0		ug/L		120	76 - 122
1,1-Dichloroethane	ND	F1	25.0	33.3	F1	ug/L		133	77 - 120
1,1-Dichloroethene	ND	F1	25.0	33.3	F1	ug/L		133	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	28.8		ug/L		115	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	31.0		ug/L		124	56 - 134
1,2-Dibromoethane	ND		25.0	29.0		ug/L		116	77 - 120
1,2-Dichlorobenzene	ND		25.0	28.3		ug/L		113	80 - 124
1,2-Dichloroethane	ND	F1	25.0	31.2	F1	ug/L		125	75 - 120
1,2-Dichloropropane	ND	F1	25.0	32.2	F1	ug/L		129	76 - 120
1,3-Dichlorobenzene	ND		25.0	28.2		ug/L		113	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.8		ug/L		111	78 - 124
2-Butanone (MEK)	ND		125	169		ug/L		135	57 - 140
2-Hexanone	ND		125	154		ug/L		123	65 - 127
4-Methyl-2-pentanone (MIBK)	ND	F1	125	158	F1	ug/L		126	71 - 125
Acetone	ND	F1 *+	125	225	F1	ug/L		180	56 - 142
Benzene	ND	F1	25.0	32.0	F1	ug/L		128	71 - 124
Bromodichloromethane	ND	F1	25.0	32.6	F1	ug/L		130	80 - 122
Bromoform	ND		25.0	27.5		ug/L		110	61 - 132
Bromomethane	ND		25.0	28.7		ug/L		115	55 - 144
Carbon disulfide	ND		25.0	32.6		ug/L		130	59 - 134
Carbon tetrachloride	ND		25.0	27.2		ug/L		109	72 - 134
Chlorobenzene	1.1		25.0	29.6		ug/L		114	80 - 120
Chloroethane	ND		25.0	31.3		ug/L		125	69 - 136

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

Lab Sample ID: 480-182380-4 MS
Matrix: Ground Water
Analysis Batch: 573549

Client Sample ID: BCC Area C RFI-20 MS_0321
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	29.5		ug/L		118	73 - 127
Chloromethane	ND		25.0	26.7		ug/L		107	68 - 124
cis-1,2-Dichloroethene	ND	F1	25.0	31.3	F1	ug/L		125	74 - 124
cis-1,3-Dichloropropene	ND		25.0	27.6		ug/L		110	74 - 124
Cyclohexane	ND		25.0	29.8		ug/L		119	59 - 135
Dibromochloromethane	ND		25.0	30.6		ug/L		122	75 - 125
Dichlorodifluoromethane	ND		25.0	20.9		ug/L		84	59 - 135
Ethylbenzene	ND		25.0	28.1		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	29.3		ug/L		117	77 - 122
Methyl acetate	ND		50.0	63.7		ug/L		127	74 - 133
Methyl tert-butyl ether	ND	F1	25.0	34.0	F1	ug/L		136	77 - 120
Methylcyclohexane	ND		25.0	27.7		ug/L		111	68 - 134
Methylene Chloride	ND	F1	25.0	31.4	F1	ug/L		126	75 - 124
Styrene	ND		25.0	24.7		ug/L		99	80 - 120
Tetrachloroethene	ND		25.0	28.4		ug/L		114	74 - 122
Toluene	ND		25.0	29.2		ug/L		117	80 - 122
trans-1,2-Dichloroethene	ND		25.0	31.0		ug/L		124	73 - 127
trans-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	80 - 120
Trichloroethene	ND		25.0	30.6		ug/L		122	74 - 123
Trichlorofluoromethane	ND		25.0	26.9		ug/L		108	62 - 150
Vinyl chloride	ND		25.0	29.9		ug/L		120	65 - 133
Xylenes, Total	ND		50.0	55.9		ug/L		112	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

Lab Sample ID: 480-182380-4 MSD
Matrix: Ground Water
Analysis Batch: 573549

Client Sample ID: BCC Area C RFI-20 MSD_0321
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	28.4		ug/L		114	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND	F1	25.0	29.0		ug/L		116	76 - 120	5	15
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		25.0	27.0		ug/L		108	61 - 148	10	20
1,1,2-Trichloroethane	ND		25.0	28.9		ug/L		115	76 - 122	4	15
1,1-Dichloroethane	ND	F1	25.0	31.8	F1	ug/L		127	77 - 120	4	20
1,1-Dichloroethene	ND	F1	25.0	30.8		ug/L		123	66 - 127	8	16
1,2,4-Trichlorobenzene	ND		25.0	27.1		ug/L		108	79 - 122	6	20
1,2-Dibromo-3-Chloropropane	ND		25.0	30.1		ug/L		120	56 - 134	3	15
1,2-Dibromoethane	ND		25.0	28.2		ug/L		113	77 - 120	3	15
1,2-Dichlorobenzene	ND		25.0	27.1		ug/L		109	80 - 124	4	20
1,2-Dichloroethane	ND	F1	25.0	29.5		ug/L		118	75 - 120	6	20
1,2-Dichloropropane	ND	F1	25.0	30.5	F1	ug/L		122	76 - 120	5	20
1,3-Dichlorobenzene	ND		25.0	26.7		ug/L		107	77 - 120	5	20
1,4-Dichlorobenzene	ND		25.0	26.3		ug/L		105	78 - 124	5	20

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

Lab Sample ID: 480-182380-4 MSD
Matrix: Ground Water
Analysis Batch: 573549

Client Sample ID: BCC Area C RFI-20 MSD_0321
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	162		ug/L		130	57 - 140	4	20
2-Hexanone	ND		125	154		ug/L		123	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND	F1	125	155		ug/L		124	71 - 125	2	35
Acetone	ND	F1 *+	125	213	F1	ug/L		170	56 - 142	6	15
Benzene	ND	F1	25.0	30.0		ug/L		120	71 - 124	6	13
Bromodichloromethane	ND	F1	25.0	30.7	F1	ug/L		123	80 - 122	6	15
Bromoform	ND		25.0	27.1		ug/L		108	61 - 132	1	15
Bromomethane	ND		25.0	27.5		ug/L		110	55 - 144	4	15
Carbon disulfide	ND		25.0	30.8		ug/L		123	59 - 134	6	15
Carbon tetrachloride	ND		25.0	25.7		ug/L		103	72 - 134	6	15
Chlorobenzene	1.1		25.0	28.2		ug/L		109	80 - 120	5	25
Chloroethane	ND		25.0	29.7		ug/L		119	69 - 136	5	15
Chloroform	ND		25.0	28.0		ug/L		112	73 - 127	5	20
Chloromethane	ND		25.0	27.8		ug/L		111	68 - 124	4	15
cis-1,2-Dichloroethene	ND	F1	25.0	29.4		ug/L		118	74 - 124	6	15
cis-1,3-Dichloropropene	ND		25.0	26.6		ug/L		106	74 - 124	4	15
Cyclohexane	ND		25.0	26.2		ug/L		105	59 - 135	13	20
Dibromochloromethane	ND		25.0	30.0		ug/L		120	75 - 125	2	15
Dichlorodifluoromethane	ND		25.0	20.7		ug/L		83	59 - 135	1	20
Ethylbenzene	ND		25.0	26.6		ug/L		106	77 - 123	6	15
Isopropylbenzene	ND		25.0	27.1		ug/L		108	77 - 122	8	20
Methyl acetate	ND		50.0	60.8		ug/L		122	74 - 133	5	20
Methyl tert-butyl ether	ND	F1	25.0	32.9	F1	ug/L		132	77 - 120	3	37
Methylcyclohexane	ND		25.0	24.1		ug/L		96	68 - 134	14	20
Methylene Chloride	ND	F1	25.0	30.0		ug/L		120	75 - 124	5	15
Styrene	ND		25.0	24.0		ug/L		96	80 - 120	3	20
Tetrachloroethene	ND		25.0	26.2		ug/L		105	74 - 122	8	20
Toluene	ND		25.0	27.9		ug/L		112	80 - 122	5	15
trans-1,2-Dichloroethene	ND		25.0	28.9		ug/L		116	73 - 127	7	20
trans-1,3-Dichloropropene	ND		25.0	26.0		ug/L		104	80 - 120	2	15
Trichloroethene	ND		25.0	28.4		ug/L		113	74 - 123	8	16
Trichlorofluoromethane	ND		25.0	25.9		ug/L		104	62 - 150	4	20
Vinyl chloride	ND		25.0	27.5		ug/L		110	65 - 133	8	15
Xylenes, Total	ND		50.0	53.3		ug/L		107	76 - 122	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: MB 480-573731/7
Matrix: Water
Analysis Batch: 573731

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			03/25/21 10:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/25/21 10:58	1

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

Lab Sample ID: MB 480-573731/7
Matrix: Water
Analysis Batch: 573731

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			03/25/21 10:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/25/21 10:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/25/21 10:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/25/21 10:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/25/21 10:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/25/21 10:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/25/21 10:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/25/21 10:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/25/21 10:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/25/21 10:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/25/21 10:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/25/21 10:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/25/21 10:58	1
2-Hexanone	ND		5.0	1.2	ug/L			03/25/21 10:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/25/21 10:58	1
Acetone	ND		10	3.0	ug/L			03/25/21 10:58	1
Benzene	ND		1.0	0.41	ug/L			03/25/21 10:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/25/21 10:58	1
Bromoform	ND		1.0	0.26	ug/L			03/25/21 10:58	1
Bromomethane	ND		1.0	0.69	ug/L			03/25/21 10:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/25/21 10:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/25/21 10:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/25/21 10:58	1
Chloroethane	ND		1.0	0.32	ug/L			03/25/21 10:58	1
Chloroform	ND		1.0	0.34	ug/L			03/25/21 10:58	1
Chloromethane	ND		1.0	0.35	ug/L			03/25/21 10:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/25/21 10:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/25/21 10:58	1
Cyclohexane	ND		1.0	0.18	ug/L			03/25/21 10:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/25/21 10:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 10:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/25/21 10:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/25/21 10:58	1
Methyl acetate	ND		2.5	1.3	ug/L			03/25/21 10:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/25/21 10:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/25/21 10:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/25/21 10:58	1
Styrene	ND		1.0	0.73	ug/L			03/25/21 10:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/25/21 10:58	1
Toluene	ND		1.0	0.51	ug/L			03/25/21 10:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/25/21 10:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/25/21 10:58	1
Trichloroethene	ND		1.0	0.46	ug/L			03/25/21 10:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/25/21 10:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/25/21 10:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/25/21 10:58	1

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

Lab Sample ID: MB 480-573731/7
Matrix: Water
Analysis Batch: 573731

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		03/25/21 10:58	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/25/21 10:58	1
Toluene-d8 (Surr)	103		80 - 120		03/25/21 10:58	1
Dibromofluoromethane (Surr)	101		75 - 123		03/25/21 10:58	1

Lab Sample ID: LCS 480-573731/5
Matrix: Water
Analysis Batch: 573731

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.6		ug/L		90	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.7		ug/L		91	61 - 148
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	21.9		ug/L		88	77 - 120
1,1-Dichloroethene	25.0	21.9		ug/L		88	66 - 127
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.4		ug/L		82	56 - 134
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	22.6		ug/L		90	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		97	80 - 120
2-Butanone (MEK)	125	123		ug/L		98	57 - 140
2-Hexanone	125	130		ug/L		104	65 - 127
4-Methyl-2-pentanone (MIBK)	125	113		ug/L		91	71 - 125
Acetone	125	119		ug/L		96	56 - 142
Benzene	25.0	21.7		ug/L		87	71 - 124
Bromodichloromethane	25.0	22.8		ug/L		91	80 - 122
Bromoform	25.0	24.1		ug/L		96	61 - 132
Bromomethane	25.0	21.2		ug/L		85	55 - 144
Carbon disulfide	25.0	19.6		ug/L		78	59 - 134
Carbon tetrachloride	25.0	22.6		ug/L		91	72 - 134
Chlorobenzene	25.0	23.1		ug/L		93	80 - 120
Chloroethane	25.0	20.7		ug/L		83	69 - 136
Chloroform	25.0	22.1		ug/L		88	73 - 127
Chloromethane	25.0	22.9		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	21.9		ug/L		87	74 - 124
cis-1,3-Dichloropropene	25.0	22.8		ug/L		91	74 - 124
Cyclohexane	25.0	21.2		ug/L		85	59 - 135
Dibromochloromethane	25.0	24.2		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	25.0		ug/L		100	59 - 135
Ethylbenzene	25.0	23.1		ug/L		92	77 - 123
Isopropylbenzene	25.0	23.0		ug/L		92	77 - 122
Methyl acetate	50.0	42.5		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	22.5		ug/L		90	77 - 120
Methylcyclohexane	25.0	22.6		ug/L		90	68 - 134

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

Lab Sample ID: LCS 480-573731/5
Matrix: Water
Analysis Batch: 573731

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	20.7		ug/L		83	75 - 124
Styrene	25.0	23.4		ug/L		94	80 - 120
Tetrachloroethene	25.0	22.0		ug/L		88	74 - 122
Toluene	25.0	22.7		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	22.0		ug/L		88	73 - 127
trans-1,3-Dichloropropene	25.0	24.6		ug/L		98	80 - 120
Trichloroethene	25.0	22.6		ug/L		90	74 - 123
Trichlorofluoromethane	25.0	25.4		ug/L		102	62 - 150
Vinyl chloride	25.0	24.4		ug/L		98	65 - 133
Xylenes, Total	50.0	45.7		ug/L		91	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

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

Lab Sample ID: MB 480-573542/1-A
Matrix: Water
Analysis Batch: 573762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/25/21 14:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/24/21 07:44	03/25/21 14:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 14:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/24/21 07:44	03/25/21 14:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 14:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 14:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 14:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/24/21 07:44	03/25/21 14:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/24/21 07:44	03/25/21 14:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/24/21 07:44	03/25/21 14:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 14:46	1
2-Nitroaniline	ND		10	0.42	ug/L		03/24/21 07:44	03/25/21 14:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/24/21 07:44	03/25/21 14:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 14:46	1
3-Nitroaniline	ND		10	0.48	ug/L		03/24/21 07:44	03/25/21 14:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 14:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 14:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/24/21 07:44	03/25/21 14:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 14:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 14:46	1
4-Methylphenol	ND		10	0.36	ug/L		03/24/21 07:44	03/25/21 14:46	1
4-Nitroaniline	ND		10	0.25	ug/L		03/24/21 07:44	03/25/21 14:46	1
4-Nitrophenol	ND		10	1.5	ug/L		03/24/21 07:44	03/25/21 14:46	1
Acenaphthene	ND		5.0	0.41	ug/L		03/24/21 07:44	03/25/21 14:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/24/21 07:44	03/25/21 14:46	1

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

Lab Sample ID: MB 480-573542/1-A
Matrix: Water
Analysis Batch: 573762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		5.0	0.54	ug/L		03/24/21 07:44	03/25/21 14:46	1
Aniline	ND		10	0.61	ug/L		03/24/21 07:44	03/25/21 14:46	1
Anthracene	ND		5.0	0.28	ug/L		03/24/21 07:44	03/25/21 14:46	1
Atrazine	ND		5.0	0.46	ug/L		03/24/21 07:44	03/25/21 14:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/24/21 07:44	03/25/21 14:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 14:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 14:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/25/21 14:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 14:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/24/21 07:44	03/25/21 14:46	1
Biphenyl	ND		5.0	0.65	ug/L		03/24/21 07:44	03/25/21 14:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/24/21 07:44	03/25/21 14:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/24/21 07:44	03/25/21 14:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 14:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/24/21 07:44	03/25/21 14:46	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/24/21 07:44	03/25/21 14:46	1
Caprolactam	ND		5.0	2.2	ug/L		03/24/21 07:44	03/25/21 14:46	1
Carbazole	ND		5.0	0.30	ug/L		03/24/21 07:44	03/25/21 14:46	1
Chrysene	ND		5.0	0.33	ug/L		03/24/21 07:44	03/25/21 14:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/24/21 07:44	03/25/21 14:46	1
Dibenzofuran	ND		10	0.51	ug/L		03/24/21 07:44	03/25/21 14:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/24/21 07:44	03/25/21 14:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 14:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/24/21 07:44	03/25/21 14:46	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 14:46	1
Fluoranthene	ND		5.0	0.40	ug/L		03/24/21 07:44	03/25/21 14:46	1
Fluorene	ND		5.0	0.36	ug/L		03/24/21 07:44	03/25/21 14:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 14:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/24/21 07:44	03/25/21 14:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 14:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/24/21 07:44	03/25/21 14:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/24/21 07:44	03/25/21 14:46	1
Isophorone	ND		5.0	0.43	ug/L		03/24/21 07:44	03/25/21 14:46	1
Naphthalene	ND		5.0	0.76	ug/L		03/24/21 07:44	03/25/21 14:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/24/21 07:44	03/25/21 14:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/24/21 07:44	03/25/21 14:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/24/21 07:44	03/25/21 14:46	1
Pentachlorophenol	ND		10	2.2	ug/L		03/24/21 07:44	03/25/21 14:46	1
Phenanthrene	ND		5.0	0.44	ug/L		03/24/21 07:44	03/25/21 14:46	1
Phenol	ND		5.0	0.39	ug/L		03/24/21 07:44	03/25/21 14:46	1
Pyrene	ND		5.0	0.34	ug/L		03/24/21 07:44	03/25/21 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*61*		*41 - 120*	*03/24/21 07:44*	*03/25/21 14:46*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*03/24/21 07:44*	*03/25/21 14:46*	*1*
2-Fluorophenol	*78*		*35 - 120*	*03/24/21 07:44*	*03/25/21 14:46*	*1*
Nitrobenzene-d5	*101*		*46 - 120*	*03/24/21 07:44*	*03/25/21 14:46*	*1*
Phenol-d5	*59*		*22 - 120*	*03/24/21 07:44*	*03/25/21 14:46*	*1*

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

Lab Sample ID: MB 480-573542/1-A
Matrix: Water
Analysis Batch: 573762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573542

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14	95		60 - 148	03/24/21 07:44	03/25/21 14:46	1

Lab Sample ID: LCS 480-573542/2-A
Matrix: Water
Analysis Batch: 573762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	31.2		ug/L		98	65 - 126
2,4,6-Trichlorophenol	32.0	30.1		ug/L		94	64 - 120
2,4-Dichlorophenol	32.0	30.7		ug/L		96	63 - 120
2,4-Dimethylphenol	32.0	33.0		ug/L		103	47 - 120
2,4-Dinitrophenol	64.0	58.0		ug/L		91	31 - 137
2,4-Dinitrotoluene	32.0	35.1		ug/L		110	69 - 120
2,6-Dinitrotoluene	32.0	34.0		ug/L		106	68 - 120
2-Chloronaphthalene	32.0	29.3		ug/L		91	58 - 120
2-Chlorophenol	32.0	32.2		ug/L		101	48 - 120
2-Methylnaphthalene	32.0	30.3		ug/L		95	59 - 120
2-Methylphenol	32.0	36.5		ug/L		114	39 - 120
2-Nitroaniline	32.0	36.6		ug/L		114	54 - 127
2-Nitrophenol	32.0	32.8		ug/L		103	52 - 125
3,3'-Dichlorobenzidine	64.0	58.7		ug/L		92	49 - 135
3-Nitroaniline	32.0	31.1		ug/L		97	51 - 120
4,6-Dinitro-2-methylphenol	64.0	74.3		ug/L		116	46 - 136
4-Bromophenyl phenyl ether	32.0	27.8		ug/L		87	65 - 120
4-Chloro-3-methylphenol	32.0	35.0		ug/L		109	61 - 123
4-Chloroaniline	32.0	28.0		ug/L		88	30 - 120
4-Chlorophenyl phenyl ether	32.0	29.3		ug/L		92	62 - 120
4-Methylphenol	32.0	33.5		ug/L		105	29 - 131
4-Nitroaniline	32.0	35.5		ug/L		111	65 - 120
4-Nitrophenol	64.0	42.9		ug/L		67	45 - 120
Acenaphthene	32.0	32.2		ug/L		101	60 - 120
Acenaphthylene	32.0	33.2		ug/L		104	63 - 120
Acetophenone	32.0	36.6		ug/L		114	45 - 120
Aniline	32.0	23.6		ug/L		74	12 - 120
Anthracene	32.0	33.5		ug/L		105	67 - 120
Atrazine	64.0	70.9		ug/L		111	71 - 130
Benzaldehyde	64.0	69.7		ug/L		109	10 - 140
Benzo(a)anthracene	32.0	34.2		ug/L		107	70 - 121
Benzo(a)pyrene	32.0	33.6		ug/L		105	60 - 123
Benzo(b)fluoranthene	32.0	35.2		ug/L		110	66 - 126
Benzo(g,h,i)perylene	32.0	32.7		ug/L		102	66 - 150
Benzo(k)fluoranthene	32.0	33.2		ug/L		104	65 - 124
Biphenyl	32.0	30.3		ug/L		95	59 - 120
bis (2-chloroisopropyl) ether	32.0	39.0		ug/L		122	21 - 136
Bis(2-chloroethoxy)methane	32.0	38.5		ug/L		120	50 - 128
Bis(2-chloroethyl)ether	32.0	37.4		ug/L		117	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	41.0		ug/L		128	63 - 139
Butyl benzyl phthalate	32.0	39.6		ug/L		124	70 - 129

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

Lab Sample ID: LCS 480-573542/2-A
Matrix: Water
Analysis Batch: 573762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Caprolactam	64.0	29.3		ug/L		46	22 - 120
Carbazole	32.0	36.3		ug/L		113	66 - 123
Chrysene	32.0	33.8		ug/L		106	69 - 120
Dibenz(a,h)anthracene	32.0	34.2		ug/L		107	65 - 135
Dibenzofuran	32.0	30.9		ug/L		97	66 - 120
Diethyl phthalate	32.0	35.4		ug/L		111	59 - 127
Dimethyl phthalate	32.0	33.2		ug/L		104	68 - 120
Di-n-butyl phthalate	32.0	37.3		ug/L		117	69 - 131
Di-n-octyl phthalate	32.0	37.6		ug/L		118	63 - 140
Fluoranthene	32.0	32.8		ug/L		102	69 - 126
Fluorene	32.0	33.4		ug/L		104	66 - 120
Hexachlorobenzene	32.0	25.9		ug/L		81	61 - 120
Hexachlorobutadiene	32.0	18.7		ug/L		59	35 - 120
Hexachlorocyclopentadiene	32.0	16.4		ug/L		51	31 - 120
Hexachloroethane	32.0	25.7		ug/L		80	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	34.6		ug/L		108	69 - 146
Isophorone	32.0	38.2		ug/L		119	55 - 120
Naphthalene	32.0	31.8		ug/L		100	57 - 120
Nitrobenzene	32.0	34.8		ug/L		109	53 - 123
N-Nitrosodi-n-propylamine	32.0	38.7		ug/L		121	32 - 140
N-Nitrosodiphenylamine	32.0	32.5		ug/L		102	61 - 120
Pentachlorophenol	64.0	62.3		ug/L		97	29 - 136
Phenanthrene	32.0	33.4		ug/L		104	68 - 120
Phenol	32.0	24.0		ug/L		75	17 - 120
Pyrene	32.0	36.2		ug/L		113	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*82*		*41 - 120*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol	*84*		*35 - 120*
Nitrobenzene-d5	*107*		*46 - 120*
Phenol-d5	*72*		*22 - 120*
p-Terphenyl-d14	*104*		*60 - 148*

Lab Sample ID: 480-182380-4 MS
Matrix: Ground Water
Analysis Batch: 573762

Client Sample ID: BCC Area C RFI-20 MS_0321
Prep Type: Total/NA
Prep Batch: 573542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND	F2	32.0	27.2		ug/L		85	65 - 126
2,4,6-Trichlorophenol	ND		32.0	30.0		ug/L		94	64 - 120
2,4-Dichlorophenol	ND		32.0	28.8		ug/L		90	48 - 132
2,4-Dimethylphenol	ND		32.0	30.3		ug/L		95	39 - 130
2,4-Dinitrophenol	ND		64.0	62.7		ug/L		98	21 - 150
2,4-Dinitrotoluene	ND		32.0	32.7		ug/L		102	54 - 138
2,6-Dinitrotoluene	ND		32.0	32.1		ug/L		100	17 - 150
2-Chloronaphthalene	ND		32.0	27.1		ug/L		85	52 - 124
2-Chlorophenol	ND		32.0	29.8		ug/L		93	48 - 120

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

Lab Sample ID: 480-182380-4 MS
Matrix: Ground Water
Analysis Batch: 573762

Client Sample ID: BCC Area C RFI-20 MS_0321
Prep Type: Total/NA
Prep Batch: 573542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	ND		32.0	28.7		ug/L		90	34 - 140
2-Methylphenol	ND		32.0	33.8		ug/L		106	46 - 120
2-Nitroaniline	ND		32.0	34.3		ug/L		107	44 - 136
2-Nitrophenol	ND		32.0	31.1		ug/L		97	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	32.8		ug/L		51	10 - 150
3-Nitroaniline	ND	F2	32.0	22.9		ug/L		72	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	72.7		ug/L		114	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	26.5		ug/L		83	63 - 126
4-Chloro-3-methylphenol	ND		32.0	32.6		ug/L		102	64 - 127
4-Chloroaniline	ND		32.0	23.3		ug/L		73	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	27.0		ug/L		84	61 - 120
4-Methylphenol	ND		32.0	31.4		ug/L		98	36 - 120
4-Nitroaniline	ND		32.0	31.0		ug/L		97	32 - 150
4-Nitrophenol	ND		64.0	39.7		ug/L		62	23 - 132
Acenaphthene	ND		32.0	30.0		ug/L		94	48 - 120
Acenaphthylene	ND		32.0	29.6		ug/L		93	63 - 120
Acetophenone	ND		32.0	33.7		ug/L		105	53 - 120
Aniline	ND		32.0	27.4		ug/L		86	32 - 120
Anthracene	ND		32.0	22.1		ug/L		69	65 - 122
Atrazine	ND		64.0	62.1		ug/L		97	50 - 150
Benzaldehyde	ND		64.0	63.2		ug/L		99	10 - 150
Benzo(a)anthracene	ND		32.0	29.0		ug/L		91	43 - 124
Benzo(a)pyrene	ND		32.0	26.7		ug/L		83	23 - 125
Benzo(b)fluoranthene	ND		32.0	31.2		ug/L		98	27 - 127
Benzo(g,h,i)perylene	ND		32.0	27.8		ug/L		87	16 - 147
Benzo(k)fluoranthene	ND		32.0	28.3		ug/L		88	20 - 124
Biphenyl	ND		32.0	28.6		ug/L		89	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	36.7		ug/L		115	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	35.1		ug/L		110	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	36.9		ug/L		115	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	33.4		ug/L		104	16 - 150
Butyl benzyl phthalate	ND		32.0	34.8		ug/L		109	51 - 140
Caprolactam	ND	F2	64.0	26.3		ug/L		41	10 - 120
Carbazole	ND		32.0	34.8		ug/L		109	16 - 148
Chrysene	ND		32.0	29.0		ug/L		91	44 - 122
Dibenz(a,h)anthracene	ND		32.0	28.6		ug/L		89	16 - 139
Dibenzofuran	ND		32.0	28.7		ug/L		90	60 - 120
Diethyl phthalate	ND		32.0	32.6		ug/L		102	53 - 133
Dimethyl phthalate	ND		32.0	31.1		ug/L		97	59 - 123
Di-n-butyl phthalate	ND		32.0	33.3		ug/L		104	65 - 129
Di-n-octyl phthalate	ND		32.0	32.3		ug/L		101	16 - 150
Fluoranthene	ND		32.0	29.2		ug/L		91	63 - 129
Fluorene	ND		32.0	30.7		ug/L		96	62 - 120
Hexachlorobenzene	ND		32.0	25.1		ug/L		78	57 - 121
Hexachlorobutadiene	ND		32.0	18.0		ug/L		56	37 - 120
Hexachlorocyclopentadiene	ND		32.0	19.1		ug/L		60	21 - 120
Hexachloroethane	ND		32.0	24.1		ug/L		75	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	29.2		ug/L		91	16 - 140
Isophorone	ND		32.0	35.1		ug/L		110	48 - 133

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

Lab Sample ID: 480-182380-4 MS
Matrix: Ground Water
Analysis Batch: 573762

Client Sample ID: BCC Area C RFI-20 MS_0321
Prep Type: Total/NA
Prep Batch: 573542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	ND		32.0	28.6		ug/L		89	45 - 120
Nitrobenzene	ND		32.0	31.5		ug/L		98	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	36.1		ug/L		113	49 - 120
N-Nitrosodiphenylamine	ND		32.0	20.4		ug/L		64	39 - 138
Pentachlorophenol	ND		64.0	64.9		ug/L		101	23 - 149
Phenanthrene	ND		32.0	32.2		ug/L		101	65 - 122
Phenol	ND		32.0	22.7		ug/L		71	16 - 120
Pyrene	ND		32.0	31.2		ug/L		98	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*80*		*41 - 120*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol	*78*		*35 - 120*
Nitrobenzene-d5	*97*		*46 - 120*
Phenol-d5	*65*		*22 - 120*
p-Terphenyl-d14	*70*		*60 - 148*

Lab Sample ID: 480-182380-4 MSD
Matrix: Ground Water
Analysis Batch: 573762

Client Sample ID: BCC Area C RFI-20 MSD_0321
Prep Type: Total/NA
Prep Batch: 573542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND	F2	32.0	34.1	F2	ug/L		107	65 - 126	23	18
2,4,6-Trichlorophenol	ND		32.0	32.7		ug/L		102	64 - 120	8	19
2,4-Dichlorophenol	ND		32.0	32.8		ug/L		102	48 - 132	13	19
2,4-Dimethylphenol	ND		32.0	33.9		ug/L		106	39 - 130	11	42
2,4-Dinitrophenol	ND		64.0	70.6		ug/L		110	21 - 150	12	22
2,4-Dinitrotoluene	ND		32.0	36.7		ug/L		115	54 - 138	11	20
2,6-Dinitrotoluene	ND		32.0	35.0		ug/L		109	17 - 150	9	15
2-Chloronaphthalene	ND		32.0	31.0		ug/L		97	52 - 124	13	21
2-Chlorophenol	ND		32.0	31.9		ug/L		100	48 - 120	7	25
2-Methylnaphthalene	ND		32.0	32.9		ug/L		103	34 - 140	13	21
2-Methylphenol	ND		32.0	36.0		ug/L		113	46 - 120	6	27
2-Nitroaniline	ND		32.0	39.1		ug/L		122	44 - 136	13	15
2-Nitrophenol	ND		32.0	35.2		ug/L		110	38 - 141	12	18
3,3'-Dichlorobenzidine	ND		64.0	36.6		ug/L		57	10 - 150	11	25
3-Nitroaniline	ND	F2	32.0	28.9	F2	ug/L		90	32 - 150	23	19
4,6-Dinitro-2-methylphenol	ND		64.0	80.7		ug/L		126	38 - 150	10	15
4-Bromophenyl phenyl ether	ND		32.0	29.5		ug/L		92	63 - 126	11	15
4-Chloro-3-methylphenol	ND		32.0	36.5		ug/L		114	64 - 127	11	27
4-Chloroaniline	ND		32.0	22.7		ug/L		71	16 - 124	2	22
4-Chlorophenyl phenyl ether	ND		32.0	30.1		ug/L		94	61 - 120	11	16
4-Methylphenol	ND		32.0	33.6		ug/L		105	36 - 120	7	24
4-Nitroaniline	ND		32.0	36.7		ug/L		115	32 - 150	17	24
4-Nitrophenol	ND		64.0	47.0		ug/L		73	23 - 132	17	48
Acenaphthene	ND		32.0	32.7		ug/L		102	48 - 120	9	24
Acenaphthylene	ND		32.0	33.0		ug/L		103	63 - 120	11	18
Acetophenone	ND		32.0	36.1		ug/L		113	53 - 120	7	20

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

Lab Sample ID: 480-182380-4 MSD
Matrix: Ground Water
Analysis Batch: 573762

Client Sample ID: BCC Area C RFI-20 MSD_0321
Prep Type: Total/NA
Prep Batch: 573542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aniline	ND		32.0	28.0		ug/L		87	32 - 120	2	30
Anthracene	ND		32.0	24.9		ug/L		78	65 - 122	12	15
Atrazine	ND		64.0	69.8		ug/L		109	50 - 150	12	20
Benzaldehyde	ND		64.0	68.5		ug/L		107	10 - 150	8	20
Benzo(a)anthracene	ND		32.0	30.7		ug/L		96	43 - 124	6	15
Benzo(a)pyrene	ND		32.0	28.7		ug/L		90	23 - 125	7	15
Benzo(b)fluoranthene	ND		32.0	31.5		ug/L		98	27 - 127	1	15
Benzo(g,h,i)perylene	ND		32.0	28.8		ug/L		90	16 - 147	4	15
Benzo(k)fluoranthene	ND		32.0	28.5		ug/L		89	20 - 124	1	22
Biphenyl	ND		32.0	31.8		ug/L		99	57 - 120	11	20
bis (2-chloroisopropyl) ether	ND		32.0	38.8		ug/L		121	28 - 121	6	24
Bis(2-chloroethoxy)methane	ND		32.0	39.3		ug/L		123	44 - 128	11	17
Bis(2-chloroethyl)ether	ND		32.0	38.2		ug/L		119	45 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		32.0	36.0		ug/L		113	16 - 150	8	15
Butyl benzyl phthalate	ND		32.0	39.3		ug/L		123	51 - 140	12	16
Caprolactam	ND	F2	64.0	32.6	F2	ug/L		51	10 - 120	22	20
Carbazole	ND		32.0	37.8		ug/L		118	16 - 148	8	20
Chrysene	ND		32.0	30.7		ug/L		96	44 - 122	6	15
Dibenz(a,h)anthracene	ND		32.0	29.8		ug/L		93	16 - 139	4	15
Dibenzofuran	ND		32.0	32.8		ug/L		103	60 - 120	14	15
Diethyl phthalate	ND		32.0	35.8		ug/L		112	53 - 133	9	15
Dimethyl phthalate	ND		32.0	34.4		ug/L		107	59 - 123	10	15
Di-n-butyl phthalate	ND		32.0	37.2		ug/L		116	65 - 129	11	15
Di-n-octyl phthalate	ND		32.0	33.7		ug/L		105	16 - 150	4	16
Fluoranthene	ND		32.0	33.4		ug/L		104	63 - 129	13	15
Fluorene	ND		32.0	34.3		ug/L		107	62 - 120	11	15
Hexachlorobenzene	ND		32.0	26.6		ug/L		83	57 - 121	6	15
Hexachlorobutadiene	ND		32.0	20.7		ug/L		65	37 - 120	14	44
Hexachlorocyclopentadiene	ND		32.0	22.4		ug/L		70	21 - 120	16	49
Hexachloroethane	ND		32.0	27.1		ug/L		85	16 - 130	12	46
Indeno(1,2,3-cd)pyrene	ND		32.0	29.7		ug/L		93	16 - 140	2	15
Isophorone	ND		32.0	39.0		ug/L		122	48 - 133	10	17
Naphthalene	ND		32.0	32.7		ug/L		102	45 - 120	13	29
Nitrobenzene	ND		32.0	35.1		ug/L		110	45 - 123	11	24
N-Nitrosodi-n-propylamine	ND		32.0	38.3		ug/L		120	49 - 120	6	31
N-Nitrosodiphenylamine	ND		32.0	23.0		ug/L		72	39 - 138	12	15
Pentachlorophenol	ND		64.0	62.7		ug/L		98	23 - 149	3	37
Phenanthrene	ND		32.0	35.8		ug/L		112	65 - 122	11	15
Phenol	ND		32.0	25.3		ug/L		79	16 - 120	11	34
Pyrene	ND		32.0	34.7		ug/L		109	58 - 128	11	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*89*		*41 - 120*
2-Fluorobiphenyl	*98*		*48 - 120*
2-Fluorophenol	*88*		*35 - 120*
Nitrobenzene-d5	*109*		*46 - 120*
Phenol-d5	*74*		*22 - 120*
p-Terphenyl-d14	*71*		*60 - 148*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-573563/1-A
Matrix: Water
Analysis Batch: 573801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/24/21 10:19	03/24/21 18:30	1
Antimony	ND		0.020	0.0068	mg/L		03/24/21 10:19	03/24/21 18:30	1
Arsenic	ND		0.015	0.0056	mg/L		03/24/21 10:19	03/24/21 18:30	1
Barium	ND		0.0020	0.00070	mg/L		03/24/21 10:19	03/24/21 18:30	1
Beryllium	ND		0.0020	0.00030	mg/L		03/24/21 10:19	03/24/21 18:30	1
Cadmium	ND		0.0020	0.00050	mg/L		03/24/21 10:19	03/24/21 18:30	1
Calcium	ND		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:30	1
Chromium	ND		0.0040	0.0010	mg/L		03/24/21 10:19	03/24/21 18:30	1
Cobalt	ND		0.0040	0.00063	mg/L		03/24/21 10:19	03/24/21 18:30	1
Copper	ND		0.010	0.0016	mg/L		03/24/21 10:19	03/24/21 18:30	1
Iron	ND		0.050	0.019	mg/L		03/24/21 10:19	03/24/21 18:30	1
Lead	ND		0.010	0.0030	mg/L		03/24/21 10:19	03/24/21 18:30	1
Magnesium	ND		0.20	0.043	mg/L		03/24/21 10:19	03/24/21 18:30	1
Manganese	0.00113	J	0.0030	0.00040	mg/L		03/24/21 10:19	03/24/21 18:30	1
Nickel	ND		0.010	0.0013	mg/L		03/24/21 10:19	03/24/21 18:30	1
Potassium	ND		0.50	0.10	mg/L		03/24/21 10:19	03/24/21 18:30	1
Selenium	ND		0.025	0.0087	mg/L		03/24/21 10:19	03/24/21 18:30	1
Silver	ND		0.0060	0.0017	mg/L		03/24/21 10:19	03/24/21 18:30	1
Sodium	ND		1.0	0.32	mg/L		03/24/21 10:19	03/24/21 18:30	1
Thallium	ND		0.020	0.010	mg/L		03/24/21 10:19	03/24/21 18:30	1
Vanadium	ND		0.0050	0.0015	mg/L		03/24/21 10:19	03/24/21 18:30	1
Zinc	ND		0.010	0.0015	mg/L		03/24/21 10:19	03/24/21 18:30	1

Lab Sample ID: LCS 480-573563/2-A
Matrix: Water
Analysis Batch: 573801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.84		mg/L		98	80 - 120
Antimony	0.200	0.207		mg/L		103	80 - 120
Arsenic	0.200	0.206		mg/L		103	80 - 120
Barium	0.200	0.213		mg/L		107	80 - 120
Beryllium	0.200	0.201		mg/L		101	80 - 120
Cadmium	0.200	0.203		mg/L		102	80 - 120
Calcium	10.0	10.08		mg/L		101	80 - 120
Chromium	0.200	0.194		mg/L		97	80 - 120
Cobalt	0.200	0.193		mg/L		97	80 - 120
Copper	0.200	0.200		mg/L		100	80 - 120
Iron	10.0	9.79		mg/L		98	80 - 120
Lead	0.200	0.197		mg/L		99	80 - 120
Magnesium	10.0	9.78		mg/L		98	80 - 120
Manganese	0.200	0.206		mg/L		103	80 - 120
Nickel	0.200	0.193		mg/L		97	80 - 120
Potassium	10.0	10.05		mg/L		100	80 - 120
Selenium	0.200	0.204		mg/L		102	80 - 120
Silver	0.0500	0.0478		mg/L		96	80 - 120
Sodium	10.0	10.09		mg/L		101	80 - 120
Thallium	0.200	0.200		mg/L		100	80 - 120
Vanadium	0.200	0.193		mg/L		97	80 - 120

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

Lab Sample ID: LCS 480-573563/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573801 — **Prep Batch: 573563**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.196		mg/L		98	80 - 120

Lab Sample ID: LCSD 480-573563/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573801 — **Prep Batch: 573563**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	10.0	9.78		mg/L		98	80 - 120	1	20
Antimony	0.200	0.204		mg/L		102	80 - 120	1	20
Arsenic	0.200	0.205		mg/L		102	80 - 120	1	20
Barium	0.200	0.211		mg/L		106	80 - 120	1	20
Beryllium	0.200	0.200		mg/L		100	80 - 120	1	20
Cadmium	0.200	0.203		mg/L		102	80 - 120	0	20
Calcium	10.0	10.07		mg/L		101	80 - 120	0	20
Chromium	0.200	0.192		mg/L		96	80 - 120	1	20
Cobalt	0.200	0.192		mg/L		96	80 - 120	0	20
Copper	0.200	0.200		mg/L		100	80 - 120	0	20
Iron	10.0	9.73		mg/L		97	80 - 120	1	20
Lead	0.200	0.195		mg/L		98	80 - 120	1	20
Magnesium	10.0	9.72		mg/L		97	80 - 120	1	20
Manganese	0.200	0.205		mg/L		103	80 - 120	1	20
Nickel	0.200	0.193		mg/L		96	80 - 120	0	20
Potassium	10.0	10.07		mg/L		101	80 - 120	0	20
Selenium	0.200	0.204		mg/L		102	80 - 120	0	20
Silver	0.0500	0.0467		mg/L		93	80 - 120	2	20
Sodium	10.0	10.07		mg/L		101	80 - 120	0	20
Thallium	0.200	0.200		mg/L		100	80 - 120	0	20
Vanadium	0.200	0.192		mg/L		96	80 - 120	0	20
Zinc	0.200	0.195		mg/L		97	80 - 120	1	20

Lab Sample ID: 480-182380-4 MS — **Client Sample ID: BCC Area C RFI-20 MS_0321**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 573801 — **Prep Batch: 573563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.11	J	10.0	10.06		mg/L		99	75 - 125
Antimony	ND		0.200	0.211		mg/L		105	75 - 125
Arsenic	0.0056	J	0.200	0.224		mg/L		109	75 - 125
Barium	0.057		0.200	0.267		mg/L		105	75 - 125
Beryllium	ND		0.200	0.202		mg/L		101	75 - 125
Cadmium	ND		0.200	0.210		mg/L		105	75 - 125
Calcium	273		10.0	289.0	4	mg/L		155	75 - 125
Chromium	0.0010	J	0.200	0.195		mg/L		97	75 - 125
Cobalt	0.0011	J	0.200	0.199		mg/L		99	75 - 125
Copper	ND		0.200	0.205		mg/L		103	75 - 125
Iron	15.7		10.0	25.66		mg/L		100	75 - 125
Lead	0.0037	J	0.200	0.204		mg/L		100	75 - 125
Magnesium	19.0		10.0	28.81		mg/L		98	75 - 125
Manganese	0.75	B	0.200	0.953		mg/L		102	75 - 125

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

Lab Sample ID: 480-182380-4 MS — **Client Sample ID: BCC Area C RFI-20 MS_0321**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 573801 — **Prep Batch: 573563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	0.0026	J	0.200	0.200		mg/L		99	75 - 125
Potassium	8.1		10.0	18.60		mg/L		105	75 - 125
Selenium	ND		0.200	0.216		mg/L		108	75 - 125
Silver	ND		0.0500	0.0493		mg/L		99	75 - 125
Sodium	58.1		10.0	68.90	4	mg/L		108	75 - 125
Thallium	ND		0.200	0.200		mg/L		100	75 - 125
Vanadium	ND		0.200	0.198		mg/L		99	75 - 125
Zinc	0.047		0.200	0.243		mg/L		98	75 - 125

Lab Sample ID: 480-182380-4 MSD — **Client Sample ID: BCC Area C RFI-20 MSD_0321**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 573801 — **Prep Batch: 573563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.11	J	10.0	9.97		mg/L		99	75 - 125	1	20
Antimony	ND		0.200	0.211		mg/L		105	75 - 125	0	20
Arsenic	0.0056	J	0.200	0.223		mg/L		109	75 - 125	1	20
Barium	0.057		0.200	0.264		mg/L		104	75 - 125	1	20
Beryllium	ND		0.200	0.201		mg/L		100	75 - 125	0	20
Cadmium	ND		0.200	0.210		mg/L		105	75 - 125	0	20
Calcium	273		10.0	272.6	4	mg/L		-8	75 - 125	6	20
Chromium	0.0010	J	0.200	0.195		mg/L		97	75 - 125	0	20
Cobalt	0.0011	J	0.200	0.197		mg/L		98	75 - 125	1	20
Copper	ND		0.200	0.203		mg/L		101	75 - 125	1	20
Iron	15.7		10.0	24.70		mg/L		90	75 - 125	4	20
Lead	0.0037	J	0.200	0.203		mg/L		100	75 - 125	1	20
Magnesium	19.0		10.0	27.95		mg/L		89	75 - 125	3	20
Manganese	0.75	B	0.200	0.948		mg/L		100	75 - 125	0	20
Nickel	0.0026	J	0.200	0.199		mg/L		98	75 - 125	1	20
Potassium	8.1		10.0	18.44		mg/L		104	75 - 125	1	20
Selenium	ND		0.200	0.216		mg/L		108	75 - 125	0	20
Silver	ND		0.0500	0.0489		mg/L		98	75 - 125	1	20
Sodium	58.1		10.0	68.28	4	mg/L		102	75 - 125	1	20
Thallium	ND		0.200	0.199		mg/L		100	75 - 125	0	20
Vanadium	ND		0.200	0.198		mg/L		99	75 - 125	0	20
Zinc	0.047		0.200	0.239		mg/L		96	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-573803/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573884 — **Prep Batch: 573803**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/25/21 13:17	03/25/21 16:12	1

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

Lab Sample ID: LCS 480-573803/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573884 — **Prep Batch: 573803**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00672		mg/L		101	80 - 120		

Lab Sample ID: 480-182380-4 MS — **Client Sample ID: BCC Area C RFI-20 MS_0321**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 573884 — **Prep Batch: 573803**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.00667	0.00695		mg/L		104	80 - 120		

Lab Sample ID: 480-182380-4 MSD — **Client Sample ID: BCC Area C RFI-20 MSD_0321**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 573884 — **Prep Batch: 573803**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00697		mg/L		104	80 - 120	0	20

GC/MS VOA

Analysis Batch: 573549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-1	BCC Area C_RFI-20 D_0321	Total/NA	Ground Water	8260C	
480-182380-2	BCC Area C MW-C04_0321	Total/NA	Ground Water	8260C	
480-182380-3	BCC Area C PS-05A_0321	Total/NA	Ground Water	8260C	
480-182380-4	BCC Area C RFI-20_0321	Total/NA	Ground Water	8260C	
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	8260C	
MB 480-573549/7	Method Blank	Total/NA	Water	8260C	
LCS 480-573549/5	Lab Control Sample	Total/NA	Water	8260C	
480-182380-4 MS	BCC Area C RFI-20 MS_0321	Total/NA	Ground Water	8260C	
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	Total/NA	Ground Water	8260C	

Analysis Batch: 573731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-573731/7	Method Blank	Total/NA	Water	8260C	
LCS 480-573731/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 573542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-1	BCC Area C_RFI-20 D_0321	Total/NA	Ground Water	3510C	
480-182380-2	BCC Area C MW-C04_0321	Total/NA	Ground Water	3510C	
480-182380-3	BCC Area C PS-05A_0321	Total/NA	Ground Water	3510C	
480-182380-4	BCC Area C RFI-20_0321	Total/NA	Ground Water	3510C	
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	3510C	
MB 480-573542/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-573542/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-182380-4 MS	BCC Area C RFI-20 MS_0321	Total/NA	Ground Water	3510C	
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	Total/NA	Ground Water	3510C	

Analysis Batch: 573762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-1	BCC Area C_RFI-20 D_0321	Total/NA	Ground Water	8270D	573542
480-182380-4	BCC Area C RFI-20_0321	Total/NA	Ground Water	8270D	573542
MB 480-573542/1-A	Method Blank	Total/NA	Water	8270D	573542
LCS 480-573542/2-A	Lab Control Sample	Total/NA	Water	8270D	573542
480-182380-4 MS	BCC Area C RFI-20 MS_0321	Total/NA	Ground Water	8270D	573542
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	Total/NA	Ground Water	8270D	573542

Analysis Batch: 574169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-2	BCC Area C MW-C04_0321	Total/NA	Ground Water	8270D	573542
480-182380-3	BCC Area C PS-05A_0321	Total/NA	Ground Water	8270D	573542
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	8270D	573542

Metals

Prep Batch: 573563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-1	BCC Area C_RFI-20 D_0321	Total/NA	Ground Water	3005A	
480-182380-2	BCC Area C MW-C04_0321	Total/NA	Ground Water	3005A	
480-182380-3	BCC Area C PS-05A_0321	Total/NA	Ground Water	3005A	

Metals (Continued)

Prep Batch: 573563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-4	BCC Area C RFI-20_0321	Total/NA	Ground Water	3005A	
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	3005A	
MB 480-573563/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-573563/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 480-573563/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
480-182380-4 MS	BCC Area C RFI-20 MS_0321	Total/NA	Ground Water	3005A	
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	Total/NA	Ground Water	3005A	

Analysis Batch: 573801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-1	BCC Area C_RFI-20 D_0321	Total/NA	Ground Water	6010C	573563
480-182380-2	BCC Area C MW-C04_0321	Total/NA	Ground Water	6010C	573563
480-182380-3	BCC Area C PS-05A_0321	Total/NA	Ground Water	6010C	573563
480-182380-4	BCC Area C RFI-20_0321	Total/NA	Ground Water	6010C	573563
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	6010C	573563
MB 480-573563/1-A	Method Blank	Total/NA	Water	6010C	573563
LCS 480-573563/2-A	Lab Control Sample	Total/NA	Water	6010C	573563
LCSD 480-573563/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	573563
480-182380-4 MS	BCC Area C RFI-20 MS_0321	Total/NA	Ground Water	6010C	573563
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	Total/NA	Ground Water	6010C	573563

Prep Batch: 573803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-1	BCC Area C_RFI-20 D_0321	Total/NA	Ground Water	7470A	
480-182380-2	BCC Area C MW-C04_0321	Total/NA	Ground Water	7470A	
480-182380-3	BCC Area C PS-05A_0321	Total/NA	Ground Water	7470A	
480-182380-4	BCC Area C RFI-20_0321	Total/NA	Ground Water	7470A	
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	7470A	
MB 480-573803/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-573803/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-182380-4 MS	BCC Area C RFI-20 MS_0321	Total/NA	Ground Water	7470A	
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	Total/NA	Ground Water	7470A	

Analysis Batch: 573884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-1	BCC Area C_RFI-20 D_0321	Total/NA	Ground Water	7470A	573803
480-182380-2	BCC Area C MW-C04_0321	Total/NA	Ground Water	7470A	573803
480-182380-3	BCC Area C PS-05A_0321	Total/NA	Ground Water	7470A	573803
480-182380-4	BCC Area C RFI-20_0321	Total/NA	Ground Water	7470A	573803
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	7470A	573803
MB 480-573803/1-A	Method Blank	Total/NA	Water	7470A	573803
LCS 480-573803/2-A	Lab Control Sample	Total/NA	Water	7470A	573803
480-182380-4 MS	BCC Area C RFI-20 MS_0321	Total/NA	Ground Water	7470A	573803
480-182380-4 MSD	BCC Area C RFI-20 MSD_0321	Total/NA	Ground Water	7470A	573803

Analysis Batch: 574311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182380-5	BCC Area C RFI-31_0321	Total/NA	Ground Water	6010C	573563

Lab Chronicle

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C_RFI-20 D_0321

Lab Sample ID: 480-182380-1

Date Collected: 03/23/21 09:10
Matrix: Ground Water
Date Received: 03/23/21 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	573549	03/24/21 17:01	AMM	TAL BUF
Total/NA	Prep	3510C			573542	03/24/21 07:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	573762	03/25/21 22:57	JMM	TAL BUF
Total/NA	Prep	3005A			573563	03/24/21 10:19	KMP	TAL BUF
Total/NA	Analysis	6010C		1	573801	03/24/21 18:52	LMH	TAL BUF
Total/NA	Prep	7470A			573803	03/25/21 13:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	573884	03/25/21 16:24	BMB	TAL BUF

Client Sample ID: BCC Area C MW-C04_0321

Lab Sample ID: 480-182380-2

Date Collected: 03/23/21 12:10
Matrix: Ground Water
Date Received: 03/23/21 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	573549	03/24/21 17:24	AMM	TAL BUF
Total/NA	Prep	3510C			573542	03/24/21 07:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	574169	03/30/21 00:57	JMM	TAL BUF
Total/NA	Prep	3005A			573563	03/24/21 10:19	KMP	TAL BUF
Total/NA	Analysis	6010C		1	573801	03/24/21 18:55	LMH	TAL BUF
Total/NA	Prep	7470A			573803	03/25/21 13:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	573884	03/25/21 16:28	BMB	TAL BUF

Client Sample ID: BCC Area C PS-05A_0321

Lab Sample ID: 480-182380-3

Date Collected: 03/23/21 10:30
Matrix: Ground Water
Date Received: 03/23/21 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	573549	03/24/21 17:47	AMM	TAL BUF
Total/NA	Prep	3510C			573542	03/24/21 07:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	574169	03/30/21 01:27	JMM	TAL BUF
Total/NA	Prep	3005A			573563	03/24/21 10:19	KMP	TAL BUF
Total/NA	Analysis	6010C		1	573801	03/24/21 18:59	LMH	TAL BUF
Total/NA	Prep	7470A			573803	03/25/21 13:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	573884	03/25/21 16:29	BMB	TAL BUF

Client Sample ID: BCC Area C RFI-20_0321

Lab Sample ID: 480-182380-4

Date Collected: 03/23/21 09:00
Matrix: Ground Water
Date Received: 03/23/21 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	573549	03/24/21 18:10	AMM	TAL BUF
Total/NA	Prep	3510C			573542	03/24/21 07:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	573762	03/25/21 18:36	JMM	TAL BUF
Total/NA	Prep	3005A			573563	03/24/21 10:19	KMP	TAL BUF
Total/NA	Analysis	6010C		1	573801	03/24/21 19:03	LMH	TAL BUF

Lab Chronicle

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

Job ID: 480-182380-1

Client Sample ID: BCC Area C RFI-20_0321

Lab Sample ID: 480-182380-4

Date Collected: 03/23/21 09:00
Matrix: Ground Water
Date Received: 03/23/21 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			573803	03/25/21 13:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	573884	03/25/21 16:31	BMB	TAL BUF

Client Sample ID: BCC Area C RFI-31_0321

Lab Sample ID: 480-182380-5

Date Collected: 03/23/21 13:30
Matrix: Ground Water
Date Received: 03/23/21 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	573549	03/24/21 18:33	AMM	TAL BUF
Total/NA	Prep	3510C			573542	03/24/21 07:44	SMP	TAL BUF
Total/NA	Analysis	8270D		5	574169	03/30/21 01:56	JMM	TAL BUF
Total/NA	Prep	3005A			573563	03/24/21 10:19	KMP	TAL BUF
Total/NA	Analysis	6010C		5	574311	03/29/21 14:43	AMH	TAL BUF
Total/NA	Prep	3005A			573563	03/24/21 10:19	KMP	TAL BUF
Total/NA	Analysis	6010C		1	573801	03/24/21 19:32	LMH	TAL BUF
Total/NA	Prep	7470A			573803	03/25/21 13:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	573884	03/25/21 16:36	BMB	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-182380-6

Date Collected: 03/23/21 00:00
Matrix: Water
Date Received: 03/23/21 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	573731	03/25/21 13:12	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-182380-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-21

Method Summary

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

Job ID: 480-182380-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Job ID: 480-182380-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-182380-1	BCC Area C_RFI-20 D_0321	Ground Water	03/23/21 09:10	03/23/21 15:30	
480-182380-2	BCC Area C MW-C04_0321	Ground Water	03/23/21 12:10	03/23/21 15:30	
480-182380-3	BCC Area C PS-05A_0321	Ground Water	03/23/21 10:30	03/23/21 15:30	
480-182380-4	BCC Area C RFI-20_0321	Ground Water	03/23/21 09:00	03/23/21 15:30	
480-182380-5	BCC Area C RFI-31_0321	Ground Water	03/23/21 13:30	03/23/21 15:30	
480-182380-6	TRIP BLANK	Water	03/23/21 00:00	03/23/21 15:30	

10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact
Ontario Specialty Contracting Inc
333 Ganson Street
Buffalo, NY 14203
(716) 856-3333 Phone
(716) 842-1785 FAX
Project Name: Buffalo Color GWTF Area C Wells
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745
PO# 64029

Project Manager: John Schove
Tel/Fax: 716-912-9926

Analysis Turnaround Time
Calendar (C) or Work Days (W) _____
TAT if different from Below _____
[x] 2 weeks
[ ] 1 week
[ ] 2 days
[ ] 1 day

Site Contact: Tom Wagner
Lab Contact: John Schove

Date: 3-23-21
Carrier: OSC

COC No. 480-143510-6265.1
1 of 1 COCs
Job No. 16011
SDG No.

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals	8270C - (MOD) TLC SVOA - 4.2 list +analine	Sample Specific Notes:
~~BCC_Area C_MW-C01_~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-31_0321	3/23-21	1330	G	W	6	N	3	1	2	
~~BCC_Area C_PS-04_~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_MW-C04_0321	3/23-21	1210	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0321	3/23-21	900	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0321	3/23-21	1030	G	W	6	N	3	1	2	
~~BCC_Area C_PS-06_~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-20 D_0321	3/23-21	910	G	W	6	N	3	1	2	
BCC_Area C_RFI-20 MS_0321	↓	920	G	W	6	N	3	1	2	
BCC_Area C_RFI-20 MSD_0321	↓	930	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
						Container Volume (mL)	40	250	250	
							2	4	1	

480-182380 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:

#1 3.2

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	3-23-21 1530			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company: TAB	Date/Time: 3/23/21 1530

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-182380-1

Login Number: 182380

List Number: 1

Creator: Wallace, Cameron

List Source: Eurofins TestAmerica, Buffalo

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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-185195-1
Client Project/Site: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
6/8/2021 4:24:19 PM
Rebecca Jones, Project Management Assistant I
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Designee for

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LINKS

Review your project results through TotalAccess

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

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

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable 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.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) 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.
¤	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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 480-185195-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-185195-1

Comments
No additional comments.

Receipt
The samples were received on 5/25/2021 3:45 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 was 3.6º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCVIS) associated with batch 480-583066 recovered above the upper control limit for cis-1,3-Dichloropropene and trans-1,3-Dichloropropene. The samples associated with this CCVIS were non-detect for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BCC_AREA_C_RFI-31_0521 (480-185195-1) and BCC_AREA_C_MW-C04_0521 (480-185195-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-583066 recovered outside acceptance criteria, low biased, for 1,1-Dichloroethene and Methylcyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The associated samples are impacted: BCC_AREA_C_RFI-31_0521 (480-185195-1) and BCC_AREA_C_MW-C04_0521 (480-185195-2).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC_AREA_C_RFI-31_0521 (480-185195-1) and BCC_AREA_C_MW-C04_0521 (480-185195-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-583066 recovered outside control limits for the following analytes: cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Bromoform and 1,2-Dibromo-3-Chloropropane. 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_C_RFI-31_0521 (480-185195-1) and BCC_AREA_C_MW-C04_0521 (480-185195-2).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: BCC_AREA_C_PS05A_0521 (480-185195-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-583138 recovered above the upper control limit for cis-1,3-Dichloropropene and trans-1,3-Dichloropropene. 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_C_RFI-20_0521 (480-185195-3), BCC_AREA_C_PS05A_0521 (480-185195-4) and TRIP BLANK (480-185195-6).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-583138 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: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC_AREA_MW-C04 D_0521 (480-185195-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC_AREA_C_MW-C04_MS_0521 (480-185195-2[MS]) and BCC_AREA_C_MW-C04_MSD_0521 (480-185195-2[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-583307 recovered outside acceptance criteria, low biased, for 1,1,2,2-Tetrachloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-583307 recovered above the upper control limit for Carbon tetrachloride, 1,2-Dichloroethane, 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and Trichlorofluoromethane. The

Job ID: 480-185195-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

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_MW-C04 D_0521 (480-185195-5).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-583307 recovered outside control limits for the following analyte: 1,2-Dichloroethane. This analyte was biased high in the LCS and was not detected in the associated sample; therefore, the data have been reported. The associated sample is impacted: BCC_AREA_MW-C04 D_0521 (480-185195-5).

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

GC/MS Semi VOA
Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-582778 and analytical batch 480-583062 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-583437 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC_AREA_C_RFI-31_0521 (480-185195-1). These results have been reported and qualified.

Method 8270D: Internal standard responses were outside of acceptance limits, high, for the following sample: BCC_AREA_C_RFI-31_0521 (480-185195-1). The sample shows evidence of matrix interference.

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

Metals
Method 6010C: The continuing calibration verification (CCV 480-583792/35) recovered above the upper control limit for Total Antimony. The samples BCC_AREA_C_RFI-20_0521 (480-185195-3), BCC_AREA_C_PS05A_0521 (480-185195-4) and BCC_AREA_MW-C04 D_0521 (480-185195-5) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 6010C: The method blank for preparation batch 480-583499 and analytical batch 480-583794 contained Dissolved Potassium above the reporting limit (RL). Associated sample(s) BCC_AREA_C_RFI-20 F_0521 (480-185195-7) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

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

Detection Summary

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-31_0521 — Lab Sample ID: 480-185195-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	140		10	4.1	ug/L	10		8260C	Total/NA
1,2-Dichlorobenzene	12		10	7.9	ug/L	10		8260C	Total/NA
1,3-Dichlorobenzene	160		10	7.8	ug/L	10		8260C	Total/NA
1,4-Dichlorobenzene	54		10	8.4	ug/L	10		8260C	Total/NA
Acetone	70	J	100	30	ug/L	10		8260C	Total/NA
Chlorobenzene	48		10	7.5	ug/L	10		8260C	Total/NA
2,4,5-Trichlorophenol	1.4	J *3	5.0	0.48	ug/L	1		8270D	Total/NA
2,4-Dichlorophenol	4.2	J	5.0	0.51	ug/L	1		8270D	Total/NA
2-Chlorophenol	1.1	J	5.0	0.53	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.57	J	5.0	0.31	ug/L	1		8270D	Total/NA
Phenol	3.1	J	5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	0.061	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.018		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	367		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0065	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.15		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	4.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.033		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0021	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	9.3	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1820		5.0	1.6	mg/L	5		6010C	Total/NA
Vanadium	0.0072		0.0050	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC_AREA_C_MW-C04_0521 — Lab Sample ID: 480-185195-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	12		10	8.4	ug/L	10		8260C	Total/NA
Chlorobenzene	85		10	7.5	ug/L	10		8260C	Total/NA
2-Chlorophenol	0.96	J	5.0	0.53	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.37	J	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	295		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0043	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	10.6		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	46.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.7		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	11.0	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	141		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.034		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC_AREA_C_RFI-20_0521 — Lab Sample ID: 480-185195-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.9	J	10	3.0	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.73	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.27		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.095		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00054	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	475		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0046		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC_AREA_C_RFI-20_0521 (Continued) — Lab Sample ID: 480-185195-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0056	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	12.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	30.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0064	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	10.3	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	58.5		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0031	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.088		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC_AREA_C_PS05A_0521 — Lab Sample ID: 480-185195-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	39		4.0	3.0	ug/L	4		8260C	Total/NA
Di-n-butyl phthalate	0.54	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.53		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.038		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.092		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	284		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0012	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0095	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.87		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	68.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.068		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0042	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.7	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	170		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.025		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC_AREA_MW-C04 D_0521 — Lab Sample ID: 480-185195-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	8.0		2.0	1.6	ug/L	2		8260C	Total/NA
1,4-Dichlorobenzene	14		2.0	1.7	ug/L	2		8260C	Total/NA
Chlorobenzene	110		2.0	1.5	ug/L	2		8260C	Total/NA
2-Chlorophenol	0.94	J	5.0	0.53	ug/L	1		8270D	Total/NA
Barium	0.11		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	306		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0045	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	11.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	48.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.8		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	11.5	B	0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	144		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.033		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-185195-6

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-20 F_0521

Lab Sample ID: 480-185195-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium, Dissolved	0.070		0.0020	0.00070	mg/L	1		6010C	Dissolved
Calcium, Dissolved	334		0.50	0.10	mg/L	1		6010C	Dissolved
Chromium, Dissolved	0.0013	J	0.0040	0.0010	mg/L	1		6010C	Dissolved
Cobalt, Dissolved	0.0012	J	0.0040	0.00063	mg/L	1		6010C	Dissolved
Copper, Dissolved	0.0030	J	0.010	0.0016	mg/L	1		6010C	Dissolved
Iron, Dissolved	0.19		0.050	0.019	mg/L	1		6010C	Dissolved
Magnesium, Dissolved	23.8		0.20	0.043	mg/L	1		6010C	Dissolved
Manganese, Dissolved	0.64		0.0030	0.00040	mg/L	1		6010C	Dissolved
Nickel, Dissolved	0.0049	J	0.010	0.0013	mg/L	1		6010C	Dissolved
Potassium, Dissolved	10.2	B	0.50	0.10	mg/L	1		6010C	Dissolved
Sodium, Dissolved	57.4		1.0	0.32	mg/L	1		6010C	Dissolved
Vanadium, Dissolved	0.0016	J	0.0050	0.0015	mg/L	1		6010C	Dissolved
Zinc, Dissolved	0.019		0.010	0.0015	mg/L	1		6010C	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-31_0521

Lab Sample ID: 480-185195-1

Date Collected: 05/25/21 10:50
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			05/28/21 21:07	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/28/21 21:07	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/28/21 21:07	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/28/21 21:07	10
1,1-Dichloroethane	ND		10	3.8	ug/L			05/28/21 21:07	10
1,1-Dichloroethene	ND		10	2.9	ug/L			05/28/21 21:07	10
1,2,4-Trichlorobenzene	**140**		10	4.1	ug/L			05/28/21 21:07	10
1,2-Dibromo-3-Chloropropane	ND	*+	10	3.9	ug/L			05/28/21 21:07	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/28/21 21:07	10
1,2-Dichlorobenzene	**12**		10	7.9	ug/L			05/28/21 21:07	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/28/21 21:07	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/28/21 21:07	10
1,3-Dichlorobenzene	**160**		10	7.8	ug/L			05/28/21 21:07	10
1,4-Dichlorobenzene	**54**		10	8.4	ug/L			05/28/21 21:07	10
2-Butanone (MEK)	ND		100	13	ug/L			05/28/21 21:07	10
2-Hexanone	ND		50	12	ug/L			05/28/21 21:07	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/28/21 21:07	10
Acetone	**70**	**J**	100	30	ug/L			05/28/21 21:07	10
Benzene	ND		10	4.1	ug/L			05/28/21 21:07	10
Bromodichloromethane	ND		10	3.9	ug/L			05/28/21 21:07	10
Bromoform	ND	*+	10	2.6	ug/L			05/28/21 21:07	10
Bromomethane	ND		10	6.9	ug/L			05/28/21 21:07	10
Carbon disulfide	ND		10	1.9	ug/L			05/28/21 21:07	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/28/21 21:07	10
Chlorobenzene	**48**		10	7.5	ug/L			05/28/21 21:07	10
Chloroethane	ND		10	3.2	ug/L			05/28/21 21:07	10
Chloroform	ND		10	3.4	ug/L			05/28/21 21:07	10
Chloromethane	ND		10	3.5	ug/L			05/28/21 21:07	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			05/28/21 21:07	10
cis-1,3-Dichloropropene	ND	*+	10	3.6	ug/L			05/28/21 21:07	10
Cyclohexane	ND		10	1.8	ug/L			05/28/21 21:07	10
Dibromochloromethane	ND		10	3.2	ug/L			05/28/21 21:07	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/28/21 21:07	10
Ethylbenzene	ND		10	7.4	ug/L			05/28/21 21:07	10
Isopropylbenzene	ND		10	7.9	ug/L			05/28/21 21:07	10
Methyl acetate	ND		25	13	ug/L			05/28/21 21:07	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/28/21 21:07	10
Methylcyclohexane	ND		10	1.6	ug/L			05/28/21 21:07	10
Methylene Chloride	ND		10	4.4	ug/L			05/28/21 21:07	10
Styrene	ND		10	7.3	ug/L			05/28/21 21:07	10
Tetrachloroethene	ND		10	3.6	ug/L			05/28/21 21:07	10
Toluene	ND		10	5.1	ug/L			05/28/21 21:07	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/28/21 21:07	10
trans-1,3-Dichloropropene	ND	*+	10	3.7	ug/L			05/28/21 21:07	10
Trichloroethene	ND		10	4.6	ug/L			05/28/21 21:07	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/28/21 21:07	10
Vinyl chloride	ND		10	9.0	ug/L			05/28/21 21:07	10
Xylenes, Total	ND		20	6.6	ug/L			05/28/21 21:07	10

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-31_0521

Lab Sample ID: 480-185195-1

Date Collected: 05/25/21 10:50

Matrix: Water

Date Received: 05/25/21 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*05/28/21 21:07*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*05/28/21 21:07*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/28/21 21:07*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*05/28/21 21:07*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	**1.4**	**J *3**	5.0	0.48	ug/L		05/26/21 15:29	06/01/21 16:39	1
2,4,6-Trichlorophenol	ND	*3	5.0	0.61	ug/L		05/26/21 15:29	06/01/21 16:39	1
2,4-Dichlorophenol	**4.2**	**J**	5.0	0.51	ug/L		05/26/21 15:29	06/01/21 16:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/21 15:29	06/01/21 16:39	1
2,4-Dinitrophenol	ND	*3	10	2.2	ug/L		05/26/21 15:29	06/01/21 16:39	1
2,4-Dinitrotoluene	ND	*3	5.0	0.45	ug/L		05/26/21 15:29	06/01/21 16:39	1
2,6-Dinitrotoluene	ND	*3	5.0	0.40	ug/L		05/26/21 15:29	06/01/21 16:39	1
2-Chloronaphthalene	ND	*3	5.0	0.46	ug/L		05/26/21 15:29	06/01/21 16:39	1
2-Chlorophenol	**1.1**	**J**	5.0	0.53	ug/L		05/26/21 15:29	06/01/21 16:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/21 15:29	06/01/21 16:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 16:39	1
2-Nitroaniline	ND	*3	10	0.42	ug/L		05/26/21 15:29	06/01/21 16:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	06/01/21 16:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 16:39	1
3-Nitroaniline	ND	*3	10	0.48	ug/L		05/26/21 15:29	06/01/21 16:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 16:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 16:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 16:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 16:39	1
4-Chlorophenyl phenyl ether	ND	*3	5.0	0.35	ug/L		05/26/21 15:29	06/01/21 16:39	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/21 15:29	06/01/21 16:39	1
4-Nitroaniline	ND	*3	10	0.25	ug/L		05/26/21 15:29	06/01/21 16:39	1
4-Nitrophenol	ND	*3	10	1.5	ug/L		05/26/21 15:29	06/01/21 16:39	1
Acenaphthene	ND	*3	5.0	0.41	ug/L		05/26/21 15:29	06/01/21 16:39	1
Acenaphthylene	ND	*3	5.0	0.38	ug/L		05/26/21 15:29	06/01/21 16:39	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 16:39	1
Aniline	ND		10	0.61	ug/L		05/26/21 15:29	06/01/21 16:39	1
Anthracene	ND		5.0	0.28	ug/L		05/26/21 15:29	06/01/21 16:39	1
Atrazine	ND	*3	5.0	0.46	ug/L		05/26/21 15:29	06/01/21 16:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/21 15:29	06/01/21 16:39	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 16:39	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 16:39	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 16:39	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 16:39	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/21 15:29	06/01/21 16:39	1
Biphenyl	ND	*3	5.0	0.65	ug/L		05/26/21 15:29	06/01/21 16:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/21 15:29	06/01/21 16:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 16:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 16:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 16:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/21 15:29	06/01/21 16:39	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 16:39	1
Carbazole	ND		5.0	0.30	ug/L		05/26/21 15:29	06/01/21 16:39	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-31_0521

Lab Sample ID: 480-185195-1

Date Collected: 05/25/21 10:50
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		05/26/21 15:29	06/01/21 16:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/21 15:29	06/01/21 16:39	1
Dibenzofuran	ND	*3	10	0.51	ug/L		05/26/21 15:29	06/01/21 16:39	1
Diethyl phthalate	ND	*3	5.0	0.22	ug/L		05/26/21 15:29	06/01/21 16:39	1
Dimethyl phthalate	ND	*3	5.0	0.36	ug/L		05/26/21 15:29	06/01/21 16:39	1
Di-n-butyl phthalate	**0.57**	**J**	5.0	0.31	ug/L		05/26/21 15:29	06/01/21 16:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 16:39	1
Fluoranthene	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 16:39	1
Fluorene	ND	*3	5.0	0.36	ug/L		05/26/21 15:29	06/01/21 16:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 16:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/21 15:29	06/01/21 16:39	1
Hexachlorocyclopentadiene	ND	*3	5.0	0.59	ug/L		05/26/21 15:29	06/01/21 16:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 16:39	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 16:39	1
Isophorone	ND		5.0	0.43	ug/L		05/26/21 15:29	06/01/21 16:39	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/21 15:29	06/01/21 16:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/21 15:29	06/01/21 16:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 16:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 16:39	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 16:39	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/21 15:29	06/01/21 16:39	1
Phenol	**3.1**	**J**	5.0	0.39	ug/L		05/26/21 15:29	06/01/21 16:39	1
Pyrene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*117*		*41 - 120*	*05/26/21 15:29*	*06/01/21 16:39*	*1*
2-Fluorobiphenyl	*28*	*S1- *3*	*48 - 120*	*05/26/21 15:29*	*06/01/21 16:39*	*1*
2-Fluorophenol	*67*		*35 - 120*	*05/26/21 15:29*	*06/01/21 16:39*	*1*
Nitrobenzene-d5	*93*		*46 - 120*	*05/26/21 15:29*	*06/01/21 16:39*	*1*
Phenol-d5	*49*		*22 - 120*	*05/26/21 15:29*	*06/01/21 16:39*	*1*
p-Terphenyl-d14	*99*		*60 - 148*	*05/26/21 15:29*	*06/01/21 16:39*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.061**	**J**	0.20	0.060	mg/L		05/28/21 10:21	06/03/21 03:14	1
Antimony	ND		0.020	0.0068	mg/L		05/28/21 10:21	06/03/21 03:14	1
Arsenic	ND		0.015	0.0056	mg/L		05/28/21 10:21	06/03/21 03:14	1
Barium	**0.018**		0.0020	0.00070	mg/L		05/28/21 10:21	06/03/21 03:14	1
Beryllium	ND		0.0020	0.00030	mg/L		05/28/21 10:21	06/03/21 03:14	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/21 10:21	06/03/21 03:14	1
Calcium	**367**		0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:14	1
Chromium	**0.0014**	**J**	0.0040	0.0010	mg/L		05/28/21 10:21	06/03/21 03:14	1
Cobalt	ND		0.0040	0.00063	mg/L		05/28/21 10:21	06/03/21 03:14	1
Copper	**0.0065**	**J**	0.010	0.0016	mg/L		05/28/21 10:21	06/03/21 03:14	1
Iron	**0.15**		0.050	0.019	mg/L		05/28/21 10:21	06/03/21 03:14	1
Lead	ND		0.010	0.0030	mg/L		05/28/21 10:21	06/03/21 03:14	1
Magnesium	**4.2**		0.20	0.043	mg/L		05/28/21 10:21	06/03/21 03:14	1
Manganese	**0.033**		0.0030	0.00040	mg/L		05/28/21 10:21	06/03/21 03:14	1
Nickel	**0.0021**	**J**	0.010	0.0013	mg/L		05/28/21 10:21	06/03/21 03:14	1
Potassium	**9.3**	**B**	0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:14	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-31_0521

Lab Sample ID: 480-185195-1

Date Collected: 05/25/21 10:50

Matrix: Water

Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/28/21 10:21	06/03/21 03:14	1
Silver	ND		0.0060	0.0017	mg/L		05/28/21 10:21	06/03/21 03:14	1
Sodium	**1820**		5.0	1.6	mg/L		05/28/21 10:21	06/03/21 16:46	5
Thallium	ND		0.020	0.010	mg/L		05/28/21 10:21	06/03/21 03:14	1
Vanadium	**0.0072**		0.0050	0.0015	mg/L		05/28/21 10:21	06/03/21 03:14	1
Zinc	ND		0.010	0.0015	mg/L		05/28/21 10:21	06/03/21 03:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/03/21 13:44	06/03/21 17:29	1

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_MW-C04_0521

Lab Sample ID: 480-185195-2

Date Collected: 05/25/21 08:40
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	10	8.2	ug/L			05/28/21 21:30	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/28/21 21:30	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/28/21 21:30	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/28/21 21:30	10
1,1-Dichloroethane	ND		10	3.8	ug/L			05/28/21 21:30	10
1,1-Dichloroethene	ND		10	2.9	ug/L			05/28/21 21:30	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/28/21 21:30	10
1,2-Dibromo-3-Chloropropane	ND	*+	10	3.9	ug/L			05/28/21 21:30	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/28/21 21:30	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/28/21 21:30	10
1,2-Dichloroethane	ND	F1	10	2.1	ug/L			05/28/21 21:30	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/28/21 21:30	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			05/28/21 21:30	10
1,4-Dichlorobenzene	**12**		10	8.4	ug/L			05/28/21 21:30	10
2-Butanone (MEK)	ND		100	13	ug/L			05/28/21 21:30	10
2-Hexanone	ND		50	12	ug/L			05/28/21 21:30	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/28/21 21:30	10
Acetone	ND		100	30	ug/L			05/28/21 21:30	10
Benzene	ND		10	4.1	ug/L			05/28/21 21:30	10
Bromodichloromethane	ND		10	3.9	ug/L			05/28/21 21:30	10
Bromoform	ND	*+	10	2.6	ug/L			05/28/21 21:30	10
Bromomethane	ND		10	6.9	ug/L			05/28/21 21:30	10
Carbon disulfide	ND		10	1.9	ug/L			05/28/21 21:30	10
Carbon tetrachloride	ND	F1	10	2.7	ug/L			05/28/21 21:30	10
Chlorobenzene	**85**		10	7.5	ug/L			05/28/21 21:30	10
Chloroethane	ND		10	3.2	ug/L			05/28/21 21:30	10
Chloroform	ND		10	3.4	ug/L			05/28/21 21:30	10
Chloromethane	ND		10	3.5	ug/L			05/28/21 21:30	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			05/28/21 21:30	10
cis-1,3-Dichloropropene	ND	*+	10	3.6	ug/L			05/28/21 21:30	10
Cyclohexane	ND		10	1.8	ug/L			05/28/21 21:30	10
Dibromochloromethane	ND		10	3.2	ug/L			05/28/21 21:30	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/28/21 21:30	10
Ethylbenzene	ND		10	7.4	ug/L			05/28/21 21:30	10
Isopropylbenzene	ND		10	7.9	ug/L			05/28/21 21:30	10
Methyl acetate	ND		25	13	ug/L			05/28/21 21:30	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/28/21 21:30	10
Methylcyclohexane	ND		10	1.6	ug/L			05/28/21 21:30	10
Methylene Chloride	ND		10	4.4	ug/L			05/28/21 21:30	10
Styrene	ND		10	7.3	ug/L			05/28/21 21:30	10
Tetrachloroethene	ND		10	3.6	ug/L			05/28/21 21:30	10
Toluene	ND		10	5.1	ug/L			05/28/21 21:30	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/28/21 21:30	10
trans-1,3-Dichloropropene	ND	*+	10	3.7	ug/L			05/28/21 21:30	10
Trichloroethene	ND		10	4.6	ug/L			05/28/21 21:30	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/28/21 21:30	10
Vinyl chloride	ND		10	9.0	ug/L			05/28/21 21:30	10
Xylenes, Total	ND		20	6.6	ug/L			05/28/21 21:30	10

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_MW-C04_0521

Lab Sample ID: 480-185195-2

Date Collected: 05/25/21 08:40
Matrix: Water
Date Received: 05/25/21 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*05/28/21 21:30*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*05/28/21 21:30*	*10*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/28/21 21:30*	*10*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*05/28/21 21:30*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	05/28/21 03:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/26/21 15:29	05/28/21 03:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/26/21 15:29	05/28/21 03:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/21 15:29	05/28/21 03:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/26/21 15:29	05/28/21 03:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/26/21 15:29	05/28/21 03:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 03:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/26/21 15:29	05/28/21 03:59	1
2-Chlorophenol	**0.96**	**J**	5.0	0.53	ug/L		05/26/21 15:29	05/28/21 03:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/21 15:29	05/28/21 03:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 03:59	1
2-Nitroaniline	ND		10	0.42	ug/L		05/26/21 15:29	05/28/21 03:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	05/28/21 03:59	1
3,3'-Dichlorobenzidine	ND	F1 F2	5.0	0.40	ug/L		05/26/21 15:29	05/28/21 03:59	1
3-Nitroaniline	ND		10	0.48	ug/L		05/26/21 15:29	05/28/21 03:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/21 15:29	05/28/21 03:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/21 15:29	05/28/21 03:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/21 15:29	05/28/21 03:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/21 15:29	05/28/21 03:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/26/21 15:29	05/28/21 03:59	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/21 15:29	05/28/21 03:59	1
4-Nitroaniline	ND		10	0.25	ug/L		05/26/21 15:29	05/28/21 03:59	1
4-Nitrophenol	ND		10	1.5	ug/L		05/26/21 15:29	05/28/21 03:59	1
Acenaphthene	ND		5.0	0.41	ug/L		05/26/21 15:29	05/28/21 03:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/26/21 15:29	05/28/21 03:59	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/21 15:29	05/28/21 03:59	1
Aniline	ND		10	0.61	ug/L		05/26/21 15:29	05/28/21 03:59	1
Anthracene	ND		5.0	0.28	ug/L		05/26/21 15:29	05/28/21 03:59	1
Atrazine	ND		5.0	0.46	ug/L		05/26/21 15:29	05/28/21 03:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/21 15:29	05/28/21 03:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/21 15:29	05/28/21 03:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	05/28/21 03:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/21 15:29	05/28/21 03:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/21 15:29	05/28/21 03:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/21 15:29	05/28/21 03:59	1
Biphenyl	ND		5.0	0.65	ug/L		05/26/21 15:29	05/28/21 03:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/21 15:29	05/28/21 03:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/21 15:29	05/28/21 03:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 03:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/21 15:29	05/28/21 03:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/21 15:29	05/28/21 03:59	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/21 15:29	05/28/21 03:59	1
Carbazole	ND		5.0	0.30	ug/L		05/26/21 15:29	05/28/21 03:59	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_MW-C04_0521

Lab Sample ID: 480-185195-2

Date Collected: 05/25/21 08:40
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		05/26/21 15:29	05/28/21 03:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/21 15:29	05/28/21 03:59	1
Dibenzofuran	ND		10	0.51	ug/L		05/26/21 15:29	05/28/21 03:59	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/26/21 15:29	05/28/21 03:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/26/21 15:29	05/28/21 03:59	1
Di-n-butyl phthalate	**0.37**	**J**	5.0	0.31	ug/L		05/26/21 15:29	05/28/21 03:59	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/21 15:29	05/28/21 03:59	1
Fluoranthene	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 03:59	1
Fluorene	ND		5.0	0.36	ug/L		05/26/21 15:29	05/28/21 03:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/21 15:29	05/28/21 03:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/21 15:29	05/28/21 03:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/26/21 15:29	05/28/21 03:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/21 15:29	05/28/21 03:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	05/28/21 03:59	1
Isophorone	ND		5.0	0.43	ug/L		05/26/21 15:29	05/28/21 03:59	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/21 15:29	05/28/21 03:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/21 15:29	05/28/21 03:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/21 15:29	05/28/21 03:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/21 15:29	05/28/21 03:59	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/21 15:29	05/28/21 03:59	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/21 15:29	05/28/21 03:59	1
Phenol	ND		5.0	0.39	ug/L		05/26/21 15:29	05/28/21 03:59	1
Pyrene	ND		5.0	0.34	ug/L		05/26/21 15:29	05/28/21 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*41 - 120*	*05/26/21 15:29*	*05/28/21 03:59*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*05/26/21 15:29*	*05/28/21 03:59*	*1*
2-Fluorophenol	*62*		*35 - 120*	*05/26/21 15:29*	*05/28/21 03:59*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*05/26/21 15:29*	*05/28/21 03:59*	*1*
Phenol-d5	*45*		*22 - 120*	*05/26/21 15:29*	*05/28/21 03:59*	*1*
p-Terphenyl-d14	*75*		*60 - 148*	*05/26/21 15:29*	*05/28/21 03:59*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/28/21 10:21	06/03/21 03:29	1
Antimony	ND		0.020	0.0068	mg/L		05/28/21 10:21	06/03/21 16:50	1
Arsenic	ND		0.015	0.0056	mg/L		05/28/21 10:21	06/03/21 03:29	1
Barium	**0.10**		0.0020	0.00070	mg/L		05/28/21 10:21	06/03/21 03:29	1
Beryllium	ND		0.0020	0.00030	mg/L		05/28/21 10:21	06/03/21 03:29	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/21 10:21	06/03/21 03:29	1
Calcium	**295**		0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:29	1
Chromium	ND		0.0040	0.0010	mg/L		05/28/21 10:21	06/03/21 03:29	1
Cobalt	ND		0.0040	0.00063	mg/L		05/28/21 10:21	06/03/21 03:29	1
Copper	**0.0043**	**J**	0.010	0.0016	mg/L		05/28/21 10:21	06/03/21 03:29	1
Iron	**10.6**		0.050	0.019	mg/L		05/28/21 10:21	06/03/21 03:29	1
Lead	ND		0.010	0.0030	mg/L		05/28/21 10:21	06/03/21 03:29	1
Magnesium	**46.2**		0.20	0.043	mg/L		05/28/21 10:21	06/03/21 03:29	1
Manganese	**1.7**		0.0030	0.00040	mg/L		05/28/21 10:21	06/03/21 03:29	1
Nickel	ND		0.010	0.0013	mg/L		05/28/21 10:21	06/03/21 03:29	1
Potassium	**11.0**	**B**	0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:29	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_MW-C04_0521

Lab Sample ID: 480-185195-2

Date Collected: 05/25/21 08:40

Matrix: Water

Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/28/21 10:21	06/03/21 03:29	1
Silver	ND		0.0060	0.0017	mg/L		05/28/21 10:21	06/03/21 03:29	1
Sodium	**141**		1.0	0.32	mg/L		05/28/21 10:21	06/03/21 03:29	1
Thallium	ND		0.020	0.010	mg/L		05/28/21 10:21	06/03/21 03:29	1
Vanadium	ND		0.0050	0.0015	mg/L		05/28/21 10:21	06/03/21 03:29	1
Zinc	**0.034**		0.010	0.0015	mg/L		05/28/21 10:21	06/03/21 03:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/03/21 13:44	06/03/21 17:30	1

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-20_0521

Lab Sample ID: 480-185195-3

Date Collected: 05/25/21 12:25
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/21 19:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/21 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/21 19:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/21 19:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/21 19:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/21 19:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/21 19:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/21 19:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/21 19:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/21 19:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/21 19:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/21 19:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/21 19:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/21 19:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/21 19:17	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/21 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/21 19:17	1
Acetone	**5.9**	**J**	10	3.0	ug/L			05/28/21 19:17	1
Benzene	ND		1.0	0.41	ug/L			05/28/21 19:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/21 19:17	1
Bromoform	ND		1.0	0.26	ug/L			05/28/21 19:17	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/21 19:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/21 19:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/21 19:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/21 19:17	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/21 19:17	1
Chloroform	ND		1.0	0.34	ug/L			05/28/21 19:17	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/21 19:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/21 19:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/21 19:17	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/21 19:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/21 19:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/21 19:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/21 19:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/21 19:17	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/21 19:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/21 19:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/21 19:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/21 19:17	1
Styrene	ND		1.0	0.73	ug/L			05/28/21 19:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/21 19:17	1
Toluene	ND		1.0	0.51	ug/L			05/28/21 19:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/21 19:17	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			05/28/21 19:17	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/21 19:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/21 19:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/21 19:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/21 19:17	1

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-20_0521

Lab Sample ID: 480-185195-3

Date Collected: 05/25/21 12:25
Matrix: Water
Date Received: 05/25/21 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*05/28/21 19:17*	*1*
4-Bromofluorobenzene (Surr)	*76*		*73 - 120*		*05/28/21 19:17*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*05/28/21 19:17*	*1*
Dibromofluoromethane (Surr)	*79*		*75 - 123*		*05/28/21 19:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	06/01/21 17:06	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/26/21 15:29	06/01/21 17:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/21 15:29	06/01/21 17:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/26/21 15:29	06/01/21 17:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/26/21 15:29	06/01/21 17:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/21 15:29	06/01/21 17:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:06	1
2-Nitroaniline	ND		10	0.42	ug/L		05/26/21 15:29	06/01/21 17:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	06/01/21 17:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:06	1
3-Nitroaniline	ND		10	0.48	ug/L		05/26/21 15:29	06/01/21 17:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:06	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/21 15:29	06/01/21 17:06	1
4-Nitroaniline	ND		10	0.25	ug/L		05/26/21 15:29	06/01/21 17:06	1
4-Nitrophenol	ND		10	1.5	ug/L		05/26/21 15:29	06/01/21 17:06	1
Acenaphthene	ND		5.0	0.41	ug/L		05/26/21 15:29	06/01/21 17:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/26/21 15:29	06/01/21 17:06	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 17:06	1
Aniline	ND		10	0.61	ug/L		05/26/21 15:29	06/01/21 17:06	1
Anthracene	ND		5.0	0.28	ug/L		05/26/21 15:29	06/01/21 17:06	1
Atrazine	ND		5.0	0.46	ug/L		05/26/21 15:29	06/01/21 17:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/21 15:29	06/01/21 17:06	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:06	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:06	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 17:06	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:06	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/21 15:29	06/01/21 17:06	1
Biphenyl	ND		5.0	0.65	ug/L		05/26/21 15:29	06/01/21 17:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/21 15:29	06/01/21 17:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 17:06	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/21 15:29	06/01/21 17:06	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 17:06	1
Carbazole	ND		5.0	0.30	ug/L		05/26/21 15:29	06/01/21 17:06	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-20_0521

Lab Sample ID: 480-185195-3

Date Collected: 05/25/21 12:25
Date Received: 05/25/21 15:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		05/26/21 15:29	06/01/21 17:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/21 15:29	06/01/21 17:06	1
Dibenzofuran	ND		10	0.51	ug/L		05/26/21 15:29	06/01/21 17:06	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/26/21 15:29	06/01/21 17:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:06	1
Di-n-butyl phthalate	**0.73**	**J**	5.0	0.31	ug/L		05/26/21 15:29	06/01/21 17:06	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:06	1
Fluoranthene	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:06	1
Fluorene	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/21 15:29	06/01/21 17:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:06	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:06	1
Isophorone	ND		5.0	0.43	ug/L		05/26/21 15:29	06/01/21 17:06	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/21 15:29	06/01/21 17:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/21 15:29	06/01/21 17:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 17:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:06	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:06	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/21 15:29	06/01/21 17:06	1
Phenol	ND		5.0	0.39	ug/L		05/26/21 15:29	06/01/21 17:06	1
Pyrene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*41 - 120*	*05/26/21 15:29*	*06/01/21 17:06*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*05/26/21 15:29*	*06/01/21 17:06*	*1*
2-Fluorophenol	*65*		*35 - 120*	*05/26/21 15:29*	*06/01/21 17:06*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*05/26/21 15:29*	*06/01/21 17:06*	*1*
Phenol-d5	*49*		*22 - 120*	*05/26/21 15:29*	*06/01/21 17:06*	*1*
p-Terphenyl-d14	*74*		*60 - 148*	*05/26/21 15:29*	*06/01/21 17:06*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.27**		0.20	0.060	mg/L		05/28/21 10:21	06/03/21 03:48	1
Antimony	ND	^+	0.020	0.0068	mg/L		05/28/21 10:21	06/03/21 03:48	1
Arsenic	ND		0.015	0.0056	mg/L		05/28/21 10:21	06/03/21 03:48	1
Barium	**0.095**		0.0020	0.00070	mg/L		05/28/21 10:21	06/03/21 03:48	1
Beryllium	ND		0.0020	0.00030	mg/L		05/28/21 10:21	06/03/21 03:48	1
Cadmium	**0.00054**	**J**	0.0020	0.00050	mg/L		05/28/21 10:21	06/03/21 03:48	1
Calcium	**475**		0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:48	1
Chromium	**0.0046**		0.0040	0.0010	mg/L		05/28/21 10:21	06/03/21 03:48	1
Cobalt	**0.0014**	**J**	0.0040	0.00063	mg/L		05/28/21 10:21	06/03/21 03:48	1
Copper	**0.0056**	**J**	0.010	0.0016	mg/L		05/28/21 10:21	06/03/21 03:48	1
Iron	**12.7**		0.050	0.019	mg/L		05/28/21 10:21	06/03/21 03:48	1
Lead	ND		0.010	0.0030	mg/L		05/28/21 10:21	06/03/21 03:48	1
Magnesium	**30.2**		0.20	0.043	mg/L		05/28/21 10:21	06/03/21 03:48	1
Manganese	**1.0**		0.0030	0.00040	mg/L		05/28/21 10:21	06/03/21 03:48	1
Nickel	**0.0064**	**J**	0.010	0.0013	mg/L		05/28/21 10:21	06/03/21 03:48	1
Potassium	**10.3**	**B**	0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:48	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-20_0521

Lab Sample ID: 480-185195-3

Date Collected: 05/25/21 12:25

Matrix: Water

Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/28/21 10:21	06/03/21 03:48	1
Silver	ND		0.0060	0.0017	mg/L		05/28/21 10:21	06/03/21 03:48	1
Sodium	**58.5**		1.0	0.32	mg/L		05/28/21 10:21	06/03/21 03:48	1
Thallium	ND		0.020	0.010	mg/L		05/28/21 10:21	06/03/21 03:48	1
Vanadium	**0.0031**	**J**	0.0050	0.0015	mg/L		05/28/21 10:21	06/03/21 03:48	1
Zinc	**0.088**		0.010	0.0015	mg/L		05/28/21 10:21	06/03/21 03:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/03/21 13:44	06/03/21 17:38	1

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_PS05A_0521

Lab Sample ID: 480-185195-4

Date Collected: 05/25/21 11:55
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/28/21 19:40	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/28/21 19:40	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			05/28/21 19:40	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/28/21 19:40	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			05/28/21 19:40	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			05/28/21 19:40	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			05/28/21 19:40	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			05/28/21 19:40	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			05/28/21 19:40	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			05/28/21 19:40	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/28/21 19:40	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/28/21 19:40	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			05/28/21 19:40	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			05/28/21 19:40	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/28/21 19:40	4
2-Hexanone	ND		20	5.0	ug/L			05/28/21 19:40	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/28/21 19:40	4
Acetone	ND		40	12	ug/L			05/28/21 19:40	4
Benzene	ND		4.0	1.6	ug/L			05/28/21 19:40	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/28/21 19:40	4
Bromoform	ND		4.0	1.0	ug/L			05/28/21 19:40	4
Bromomethane	ND		4.0	2.8	ug/L			05/28/21 19:40	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/28/21 19:40	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/28/21 19:40	4
Chlorobenzene	**39**		4.0	3.0	ug/L			05/28/21 19:40	4
Chloroethane	ND		4.0	1.3	ug/L			05/28/21 19:40	4
Chloroform	ND		4.0	1.4	ug/L			05/28/21 19:40	4
Chloromethane	ND		4.0	1.4	ug/L			05/28/21 19:40	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			05/28/21 19:40	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/28/21 19:40	4
Cyclohexane	ND		4.0	0.72	ug/L			05/28/21 19:40	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/28/21 19:40	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			05/28/21 19:40	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/28/21 19:40	4
Isopropylbenzene	ND		4.0	3.2	ug/L			05/28/21 19:40	4
Methyl acetate	ND		10	5.2	ug/L			05/28/21 19:40	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			05/28/21 19:40	4
Methylcyclohexane	ND		4.0	0.64	ug/L			05/28/21 19:40	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/28/21 19:40	4
Styrene	ND		4.0	2.9	ug/L			05/28/21 19:40	4
Tetrachloroethene	ND		4.0	1.4	ug/L			05/28/21 19:40	4
Toluene	ND		4.0	2.0	ug/L			05/28/21 19:40	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			05/28/21 19:40	4
trans-1,3-Dichloropropene	ND	*+	4.0	1.5	ug/L			05/28/21 19:40	4
Trichloroethene	ND		4.0	1.8	ug/L			05/28/21 19:40	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			05/28/21 19:40	4
Vinyl chloride	ND		4.0	3.6	ug/L			05/28/21 19:40	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/28/21 19:40	4

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_PS05A_0521

Lab Sample ID: 480-185195-4

Date Collected: 05/25/21 11:55

Matrix: Water

Date Received: 05/25/21 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*05/28/21 19:40*	*4*
4-Bromofluorobenzene (Surr)	*77*		*73 - 120*		*05/28/21 19:40*	*4*
Toluene-d8 (Surr)	*89*		*80 - 120*		*05/28/21 19:40*	*4*
Dibromofluoromethane (Surr)	*79*		*75 - 123*		*05/28/21 19:40*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	06/01/21 17:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/26/21 15:29	06/01/21 17:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/21 15:29	06/01/21 17:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/26/21 15:29	06/01/21 17:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/26/21 15:29	06/01/21 17:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/21 15:29	06/01/21 17:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:32	1
2-Nitroaniline	ND		10	0.42	ug/L		05/26/21 15:29	06/01/21 17:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	06/01/21 17:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:32	1
3-Nitroaniline	ND		10	0.48	ug/L		05/26/21 15:29	06/01/21 17:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:32	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/21 15:29	06/01/21 17:32	1
4-Nitroaniline	ND		10	0.25	ug/L		05/26/21 15:29	06/01/21 17:32	1
4-Nitrophenol	ND		10	1.5	ug/L		05/26/21 15:29	06/01/21 17:32	1
Acenaphthene	ND		5.0	0.41	ug/L		05/26/21 15:29	06/01/21 17:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/26/21 15:29	06/01/21 17:32	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 17:32	1
Aniline	ND		10	0.61	ug/L		05/26/21 15:29	06/01/21 17:32	1
Anthracene	ND		5.0	0.28	ug/L		05/26/21 15:29	06/01/21 17:32	1
Atrazine	ND		5.0	0.46	ug/L		05/26/21 15:29	06/01/21 17:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/21 15:29	06/01/21 17:32	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:32	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:32	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 17:32	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:32	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/21 15:29	06/01/21 17:32	1
Biphenyl	ND		5.0	0.65	ug/L		05/26/21 15:29	06/01/21 17:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/21 15:29	06/01/21 17:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 17:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/21 15:29	06/01/21 17:32	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 17:32	1
Carbazole	ND		5.0	0.30	ug/L		05/26/21 15:29	06/01/21 17:32	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_PS05A_0521

Lab Sample ID: 480-185195-4

Date Collected: 05/25/21 11:55
Date Received: 05/25/21 15:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		05/26/21 15:29	06/01/21 17:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/21 15:29	06/01/21 17:32	1
Dibenzofuran	ND		10	0.51	ug/L		05/26/21 15:29	06/01/21 17:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/26/21 15:29	06/01/21 17:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:32	1
Di-n-butyl phthalate	**0.54**	**J**	5.0	0.31	ug/L		05/26/21 15:29	06/01/21 17:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:32	1
Fluoranthene	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:32	1
Fluorene	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/21 15:29	06/01/21 17:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:32	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:32	1
Isophorone	ND		5.0	0.43	ug/L		05/26/21 15:29	06/01/21 17:32	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/21 15:29	06/01/21 17:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/21 15:29	06/01/21 17:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 17:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:32	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:32	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/21 15:29	06/01/21 17:32	1
Phenol	ND		5.0	0.39	ug/L		05/26/21 15:29	06/01/21 17:32	1
Pyrene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*112*		*41 - 120*	*05/26/21 15:29*	*06/01/21 17:32*	*1*
2-Fluorobiphenyl	*100*		*48 - 120*	*05/26/21 15:29*	*06/01/21 17:32*	*1*
2-Fluorophenol	*74*		*35 - 120*	*05/26/21 15:29*	*06/01/21 17:32*	*1*
Nitrobenzene-d5	*98*		*46 - 120*	*05/26/21 15:29*	*06/01/21 17:32*	*1*
Phenol-d5	*55*		*22 - 120*	*05/26/21 15:29*	*06/01/21 17:32*	*1*
p-Terphenyl-d14	*79*		*60 - 148*	*05/26/21 15:29*	*06/01/21 17:32*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.53**		0.20	0.060	mg/L		05/28/21 10:21	06/03/21 03:52	1
Antimony	ND	^+	0.020	0.0068	mg/L		05/28/21 10:21	06/03/21 03:52	1
Arsenic	**0.038**		0.015	0.0056	mg/L		05/28/21 10:21	06/03/21 03:52	1
Barium	**0.092**		0.0020	0.00070	mg/L		05/28/21 10:21	06/03/21 03:52	1
Beryllium	ND		0.0020	0.00030	mg/L		05/28/21 10:21	06/03/21 03:52	1
Cadmium	**0.00081**	**J**	0.0020	0.00050	mg/L		05/28/21 10:21	06/03/21 03:52	1
Calcium	**284**		0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:52	1
Chromium	**0.0012**	**J**	0.0040	0.0010	mg/L		05/28/21 10:21	06/03/21 03:52	1
Cobalt	**0.0012**	**J**	0.0040	0.00063	mg/L		05/28/21 10:21	06/03/21 03:52	1
Copper	**0.0095**	**J**	0.010	0.0016	mg/L		05/28/21 10:21	06/03/21 03:52	1
Iron	**0.87**		0.050	0.019	mg/L		05/28/21 10:21	06/03/21 03:52	1
Lead	ND		0.010	0.0030	mg/L		05/28/21 10:21	06/03/21 03:52	1
Magnesium	**68.4**		0.20	0.043	mg/L		05/28/21 10:21	06/03/21 03:52	1
Manganese	**0.068**		0.0030	0.00040	mg/L		05/28/21 10:21	06/03/21 03:52	1
Nickel	**0.0042**	**J**	0.010	0.0013	mg/L		05/28/21 10:21	06/03/21 03:52	1
Potassium	**6.7**	**B**	0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:52	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_PS05A_0521

Lab Sample ID: 480-185195-4

Date Collected: 05/25/21 11:55

Matrix: Water

Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/28/21 10:21	06/03/21 03:52	1
Silver	ND		0.0060	0.0017	mg/L		05/28/21 10:21	06/03/21 03:52	1
Sodium	**170**		1.0	0.32	mg/L		05/28/21 10:21	06/03/21 03:52	1
Thallium	ND		0.020	0.010	mg/L		05/28/21 10:21	06/03/21 03:52	1
Vanadium	ND		0.0050	0.0015	mg/L		05/28/21 10:21	06/03/21 03:52	1
Zinc	**0.025**		0.010	0.0015	mg/L		05/28/21 10:21	06/03/21 03:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/03/21 13:44	06/03/21 17:40	1

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_MW-C04 D_0521

Lab Sample ID: 480-185195-5

Date Collected: 05/25/21 08:50
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			05/29/21 13:22	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/29/21 13:22	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			05/29/21 13:22	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/29/21 13:22	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			05/29/21 13:22	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			05/29/21 13:22	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			05/29/21 13:22	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			05/29/21 13:22	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			05/29/21 13:22	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			05/29/21 13:22	2
1,2-Dichloroethane	ND	*+	2.0	0.42	ug/L			05/29/21 13:22	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/29/21 13:22	2
1,3-Dichlorobenzene	**8.0**		2.0	1.6	ug/L			05/29/21 13:22	2
1,4-Dichlorobenzene	**14**		2.0	1.7	ug/L			05/29/21 13:22	2
2-Butanone (MEK)	ND		20	2.6	ug/L			05/29/21 13:22	2
2-Hexanone	ND		10	2.5	ug/L			05/29/21 13:22	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/29/21 13:22	2
Acetone	ND		20	6.0	ug/L			05/29/21 13:22	2
Benzene	ND		2.0	0.82	ug/L			05/29/21 13:22	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/29/21 13:22	2
Bromoform	ND		2.0	0.52	ug/L			05/29/21 13:22	2
Bromomethane	ND		2.0	1.4	ug/L			05/29/21 13:22	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/29/21 13:22	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/29/21 13:22	2
Chlorobenzene	**110**		2.0	1.5	ug/L			05/29/21 13:22	2
Chloroethane	ND		2.0	0.64	ug/L			05/29/21 13:22	2
Chloroform	ND		2.0	0.68	ug/L			05/29/21 13:22	2
Chloromethane	ND		2.0	0.70	ug/L			05/29/21 13:22	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			05/29/21 13:22	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/29/21 13:22	2
Cyclohexane	ND		2.0	0.36	ug/L			05/29/21 13:22	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/29/21 13:22	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			05/29/21 13:22	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/29/21 13:22	2
Isopropylbenzene	ND		2.0	1.6	ug/L			05/29/21 13:22	2
Methyl acetate	ND		5.0	2.6	ug/L			05/29/21 13:22	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			05/29/21 13:22	2
Methylcyclohexane	ND		2.0	0.32	ug/L			05/29/21 13:22	2
Methylene Chloride	ND		2.0	0.88	ug/L			05/29/21 13:22	2
Styrene	ND		2.0	1.5	ug/L			05/29/21 13:22	2
Tetrachloroethene	ND		2.0	0.72	ug/L			05/29/21 13:22	2
Toluene	ND		2.0	1.0	ug/L			05/29/21 13:22	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			05/29/21 13:22	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/29/21 13:22	2
Trichloroethene	ND		2.0	0.92	ug/L			05/29/21 13:22	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			05/29/21 13:22	2
Vinyl chloride	ND		2.0	1.8	ug/L			05/29/21 13:22	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/29/21 13:22	2

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_MW-C04 D_0521

Lab Sample ID: 480-185195-5

Date Collected: 05/25/21 08:50
Date Received: 05/25/21 15:45

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*05/29/21 13:22*	*2*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*05/29/21 13:22*	*2*
Toluene-d8 (Surr)	*91*		*80 - 120*		*05/29/21 13:22*	*2*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*05/29/21 13:22*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	06/01/21 17:58	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/26/21 15:29	06/01/21 17:58	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:58	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/21 15:29	06/01/21 17:58	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:58	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:58	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:58	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/26/21 15:29	06/01/21 17:58	1
2-Chlorophenol	**0.94**	**J**	5.0	0.53	ug/L		05/26/21 15:29	06/01/21 17:58	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/21 15:29	06/01/21 17:58	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:58	1
2-Nitroaniline	ND		10	0.42	ug/L		05/26/21 15:29	06/01/21 17:58	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	06/01/21 17:58	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:58	1
3-Nitroaniline	ND		10	0.48	ug/L		05/26/21 15:29	06/01/21 17:58	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:58	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:58	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/21 15:29	06/01/21 17:58	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:58	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:58	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/21 15:29	06/01/21 17:58	1
4-Nitroaniline	ND		10	0.25	ug/L		05/26/21 15:29	06/01/21 17:58	1
4-Nitrophenol	ND		10	1.5	ug/L		05/26/21 15:29	06/01/21 17:58	1
Acenaphthene	ND		5.0	0.41	ug/L		05/26/21 15:29	06/01/21 17:58	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/26/21 15:29	06/01/21 17:58	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 17:58	1
Aniline	ND		10	0.61	ug/L		05/26/21 15:29	06/01/21 17:58	1
Anthracene	ND		5.0	0.28	ug/L		05/26/21 15:29	06/01/21 17:58	1
Atrazine	ND		5.0	0.46	ug/L		05/26/21 15:29	06/01/21 17:58	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/21 15:29	06/01/21 17:58	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:58	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:58	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 17:58	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:58	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/21 15:29	06/01/21 17:58	1
Biphenyl	ND		5.0	0.65	ug/L		05/26/21 15:29	06/01/21 17:58	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/21 15:29	06/01/21 17:58	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/21 15:29	06/01/21 17:58	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:58	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 17:58	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/21 15:29	06/01/21 17:58	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/21 15:29	06/01/21 17:58	1
Carbazole	ND		5.0	0.30	ug/L		05/26/21 15:29	06/01/21 17:58	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_MW-C04 D_0521

Lab Sample ID: 480-185195-5

Date Collected: 05/25/21 08:50
Date Received: 05/25/21 15:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		05/26/21 15:29	06/01/21 17:58	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/21 15:29	06/01/21 17:58	1
Dibenzofuran	ND		10	0.51	ug/L		05/26/21 15:29	06/01/21 17:58	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/26/21 15:29	06/01/21 17:58	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:58	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/26/21 15:29	06/01/21 17:58	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:58	1
Fluoranthene	ND		5.0	0.40	ug/L		05/26/21 15:29	06/01/21 17:58	1
Fluorene	ND		5.0	0.36	ug/L		05/26/21 15:29	06/01/21 17:58	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:58	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/21 15:29	06/01/21 17:58	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:58	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/21 15:29	06/01/21 17:58	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	06/01/21 17:58	1
Isophorone	ND		5.0	0.43	ug/L		05/26/21 15:29	06/01/21 17:58	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/21 15:29	06/01/21 17:58	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/21 15:29	06/01/21 17:58	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/21 15:29	06/01/21 17:58	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/21 15:29	06/01/21 17:58	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/21 15:29	06/01/21 17:58	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/21 15:29	06/01/21 17:58	1
Phenol	ND		5.0	0.39	ug/L		05/26/21 15:29	06/01/21 17:58	1
Pyrene	ND		5.0	0.34	ug/L		05/26/21 15:29	06/01/21 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*41 - 120*	*05/26/21 15:29*	*06/01/21 17:58*	*1*
2-Fluorobiphenyl	*93*		*48 - 120*	*05/26/21 15:29*	*06/01/21 17:58*	*1*
2-Fluorophenol	*64*		*35 - 120*	*05/26/21 15:29*	*06/01/21 17:58*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*05/26/21 15:29*	*06/01/21 17:58*	*1*
Phenol-d5	*48*		*22 - 120*	*05/26/21 15:29*	*06/01/21 17:58*	*1*
p-Terphenyl-d14	*74*		*60 - 148*	*05/26/21 15:29*	*06/01/21 17:58*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/28/21 10:21	06/03/21 03:56	1
Antimony	ND	^+	0.020	0.0068	mg/L		05/28/21 10:21	06/03/21 03:56	1
Arsenic	ND		0.015	0.0056	mg/L		05/28/21 10:21	06/03/21 03:56	1
Barium	**0.11**		0.0020	0.00070	mg/L		05/28/21 10:21	06/03/21 03:56	1
Beryllium	ND		0.0020	0.00030	mg/L		05/28/21 10:21	06/03/21 03:56	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/21 10:21	06/03/21 03:56	1
Calcium	**306**		0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:56	1
Chromium	ND		0.0040	0.0010	mg/L		05/28/21 10:21	06/03/21 03:56	1
Cobalt	ND		0.0040	0.00063	mg/L		05/28/21 10:21	06/03/21 03:56	1
Copper	**0.0045**	**J**	0.010	0.0016	mg/L		05/28/21 10:21	06/03/21 03:56	1
Iron	**11.0**		0.050	0.019	mg/L		05/28/21 10:21	06/03/21 03:56	1
Lead	ND		0.010	0.0030	mg/L		05/28/21 10:21	06/03/21 03:56	1
Magnesium	**48.0**		0.20	0.043	mg/L		05/28/21 10:21	06/03/21 03:56	1
Manganese	**1.8**		0.0030	0.00040	mg/L		05/28/21 10:21	06/03/21 03:56	1
Nickel	ND		0.010	0.0013	mg/L		05/28/21 10:21	06/03/21 03:56	1
Potassium	**11.5**	**B**	0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:56	1

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_MW-C04 D_0521

Lab Sample ID: 480-185195-5

Date Collected: 05/25/21 08:50

Matrix: Water

Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		05/28/21 10:21	06/03/21 03:56	1
Silver	ND		0.0060	0.0017	mg/L		05/28/21 10:21	06/03/21 03:56	1
Sodium	**144**		1.0	0.32	mg/L		05/28/21 10:21	06/03/21 03:56	1
Thallium	ND		0.020	0.010	mg/L		05/28/21 10:21	06/03/21 03:56	1
Vanadium	ND		0.0050	0.0015	mg/L		05/28/21 10:21	06/03/21 03:56	1
Zinc	**0.033**		0.010	0.0015	mg/L		05/28/21 10:21	06/03/21 03:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/03/21 13:44	06/03/21 17:41	1

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

Job ID: 480-185195-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-185195-6

Date Collected: 05/25/21 00:00
Matrix: Water
Date Received: 05/25/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/28/21 20:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/21 20:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/21 20:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/21 20:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/21 20:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/21 20:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/21 20:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/21 20:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/21 20:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/21 20:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/21 20:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/21 20:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/21 20:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/21 20:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/21 20:24	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/21 20:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/21 20:24	1
Acetone	ND		10	3.0	ug/L			05/28/21 20:24	1
Benzene	ND		1.0	0.41	ug/L			05/28/21 20:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/21 20:24	1
Bromoform	ND		1.0	0.26	ug/L			05/28/21 20:24	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/21 20:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/21 20:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/21 20:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/21 20:24	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/21 20:24	1
Chloroform	ND		1.0	0.34	ug/L			05/28/21 20:24	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/21 20:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/21 20:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/21 20:24	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/21 20:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/21 20:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/21 20:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/21 20:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/21 20:24	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/21 20:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/21 20:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/21 20:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/21 20:24	1
Styrene	ND		1.0	0.73	ug/L			05/28/21 20:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/21 20:24	1
Toluene	ND		1.0	0.51	ug/L			05/28/21 20:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/21 20:24	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			05/28/21 20:24	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/21 20:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/21 20:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/21 20:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/21 20:24	1

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-185195-6

Date Collected: 05/25/21 00:00

Matrix: Water

Date Received: 05/25/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/28/21 20:24	1
4-Bromofluorobenzene (Surr)	83		73 - 120		05/28/21 20:24	1
Toluene-d8 (Surr)	95		80 - 120		05/28/21 20:24	1
Dibromofluoromethane (Surr)	83		75 - 123		05/28/21 20:24	1

Client Sample Results

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-20 F_0521

Lab Sample ID: 480-185195-7

Date Collected: 05/25/21 12:35
Matrix: Water
Date Received: 05/25/21 15:45

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	ND		0.20	0.060	mg/L		06/02/21 09:11	06/03/21 08:15	1
Antimony, Dissolved	ND		0.020	0.0068	mg/L		06/02/21 09:11	06/07/21 17:08	1
Arsenic, Dissolved	ND		0.015	0.0056	mg/L		06/02/21 09:11	06/03/21 08:15	1
Barium, Dissolved	**0.070**		0.0020	0.00070	mg/L		06/02/21 09:11	06/03/21 08:15	1
Beryllium, Dissolved	ND		0.0020	0.00030	mg/L		06/02/21 09:11	06/03/21 08:15	1
Cadmium, Dissolved	ND		0.0020	0.00050	mg/L		06/02/21 09:11	06/03/21 08:15	1
Calcium, Dissolved	**334**		0.50	0.10	mg/L		06/02/21 09:11	06/03/21 08:15	1
Chromium, Dissolved	**0.0013**	**J**	0.0040	0.0010	mg/L		06/02/21 09:11	06/03/21 08:15	1
Cobalt, Dissolved	**0.0012**	**J**	0.0040	0.00063	mg/L		06/02/21 09:11	06/03/21 08:15	1
Copper, Dissolved	**0.0030**	**J**	0.010	0.0016	mg/L		06/02/21 09:11	06/03/21 08:15	1
Iron, Dissolved	**0.19**		0.050	0.019	mg/L		06/02/21 09:11	06/03/21 08:15	1
Lead, Dissolved	ND		0.010	0.0030	mg/L		06/02/21 09:11	06/03/21 08:15	1
Magnesium, Dissolved	**23.8**		0.20	0.043	mg/L		06/02/21 09:11	06/03/21 08:15	1
Manganese, Dissolved	**0.64**		0.0030	0.00040	mg/L		06/02/21 09:11	06/03/21 08:15	1
Nickel, Dissolved	**0.0049**	**J**	0.010	0.0013	mg/L		06/02/21 09:11	06/03/21 08:15	1
Potassium, Dissolved	**10.2**	**B**	0.50	0.10	mg/L		06/02/21 09:11	06/03/21 08:15	1
Selenium, Dissolved	ND		0.025	0.0087	mg/L		06/02/21 09:11	06/03/21 08:15	1
Silver, Dissolved	ND		0.0060	0.0017	mg/L		06/02/21 09:11	06/03/21 08:15	1
Sodium, Dissolved	**57.4**		1.0	0.32	mg/L		06/02/21 09:11	06/03/21 08:15	1
Thallium, Dissolved	ND		0.020	0.010	mg/L		06/02/21 09:11	06/03/21 08:15	1
Vanadium, Dissolved	**0.0016**	**J**	0.0050	0.0015	mg/L		06/02/21 09:11	06/03/21 08:15	1
Zinc, Dissolved	**0.019**		0.010	0.0015	mg/L		06/02/21 09:11	06/03/21 08:15	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		06/04/21 12:50	06/04/21 16:59	1

Surrogate Summary

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

Job ID: 480-185195-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-185195-1	BCC_AREA_C_RFI-31_0521	107	106	98	98
480-185195-2	BCC_AREA_C_MW-C04_0521	104	104	94	96
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	109	105	92	109
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	109	110	96	114
480-185195-3	BCC_AREA_C_RFI-20_0521	88	76	85	79
480-185195-4	BCC_AREA_C_PS05A_0521	89	77	89	79
480-185195-5	BCC_AREA_MW-C04 D_0521	105	104	91	109
480-185195-6	TRIP BLANK	91	83	95	83
LCS 480-583066/5	Lab Control Sample	99	99	92	95
LCS 480-583138/5	Lab Control Sample	87	88	96	82
LCS 480-583307/5	Lab Control Sample	112	107	94	114
MB 480-583066/8	Method Blank	103	99	94	97
MB 480-583138/7	Method Blank	85	80	95	81
MB 480-583307/7	Method Blank	110	98	94	115

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
480-185195-1	BCC_AREA_C_RFI-31_0521	117	28 S1- *3	67	93	49	99
480-185195-2	BCC_AREA_C_MW-C04_0521	104	88	62	86	45	75
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	102	98	72	96	54	69
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	112	99	71	97	53	69
480-185195-3	BCC_AREA_C_RFI-20_0521	101	91	65	89	49	74
480-185195-4	BCC_AREA_C_PS05A_0521	112	100	74	98	55	79
480-185195-5	BCC_AREA_MW-C04 D_0521	108	93	64	88	48	74
LCS 480-582778/2-A	Lab Control Sample	103	99	76	99	58	100
MB 480-582778/1-A	Method Blank	93	104	77	104	56	109

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

Lab Sample ID: MB 480-583066/8
Matrix: Water
Analysis Batch: 583066

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			05/28/21 12:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/21 12:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/21 12:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/21 12:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/21 12:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/21 12:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/21 12:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/21 12:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/21 12:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/21 12:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/21 12:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/21 12:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/21 12:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/21 12:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/21 12:03	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/21 12:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/21 12:03	1
Acetone	ND		10	3.0	ug/L			05/28/21 12:03	1
Benzene	ND		1.0	0.41	ug/L			05/28/21 12:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/21 12:03	1
Bromoform	ND		1.0	0.26	ug/L			05/28/21 12:03	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/21 12:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/21 12:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/21 12:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/21 12:03	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/21 12:03	1
Chloroform	ND		1.0	0.34	ug/L			05/28/21 12:03	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/21 12:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/21 12:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/21 12:03	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/21 12:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/21 12:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/21 12:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/21 12:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/21 12:03	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/21 12:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/21 12:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/21 12:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/21 12:03	1
Styrene	ND		1.0	0.73	ug/L			05/28/21 12:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/21 12:03	1
Toluene	ND		1.0	0.51	ug/L			05/28/21 12:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/21 12:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/21 12:03	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/21 12:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/21 12:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/21 12:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/21 12:03	1

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

Lab Sample ID: MB 480-583066/8
Matrix: Water
Analysis Batch: 583066

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		05/28/21 12:03	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/28/21 12:03	1
Toluene-d8 (Surr)	94		80 - 120		05/28/21 12:03	1
Dibromofluoromethane (Surr)	97		75 - 123		05/28/21 12:03	1

Lab Sample ID: LCS 480-583066/5
Matrix: Water
Analysis Batch: 583066

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	26.4		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.5		ug/L		86	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.1		ug/L		84	61 - 148
1,1,2-Trichloroethane	25.0	23.6		ug/L		94	76 - 122
1,1-Dichloroethane	25.0	22.3		ug/L		89	77 - 120
1,1-Dichloroethene	25.0	19.7		ug/L		79	66 - 127
1,2,4-Trichlorobenzene	25.0	22.1		ug/L		88	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	38.4	*+	ug/L		154	56 - 134
1,2-Dibromoethane	25.0	28.0		ug/L		112	77 - 120
1,2-Dichlorobenzene	25.0	21.5		ug/L		86	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	23.8		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	22.2		ug/L		89	77 - 120
1,4-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 120
2-Butanone (MEK)	125	146		ug/L		116	57 - 140
2-Hexanone	125	137		ug/L		110	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	136		ug/L		109	56 - 142
Benzene	25.0	21.6		ug/L		86	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	33.7	*+	ug/L		135	61 - 132
Bromomethane	25.0	20.6		ug/L		82	55 - 144
Carbon disulfide	25.0	20.4		ug/L		82	59 - 134
Carbon tetrachloride	25.0	27.9		ug/L		112	72 - 134
Chlorobenzene	25.0	21.3		ug/L		85	80 - 120
Chloroethane	25.0	19.2		ug/L		77	69 - 136
Chloroform	25.0	22.2		ug/L		89	73 - 127
Chloromethane	25.0	22.8		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	74 - 124
cis-1,3-Dichloropropene	25.0	31.7	*+	ug/L		127	74 - 124
Cyclohexane	25.0	19.8		ug/L		79	59 - 135
Dibromochloromethane	25.0	28.1		ug/L		112	75 - 125
Dichlorodifluoromethane	25.0	23.5		ug/L		94	59 - 135
Ethylbenzene	25.0	21.2		ug/L		85	77 - 123
Isopropylbenzene	25.0	20.5		ug/L		82	77 - 122
Methyl acetate	50.0	52.9		ug/L		106	74 - 133
Methyl tert-butyl ether	25.0	25.5		ug/L		102	77 - 120
Methylcyclohexane	25.0	19.0		ug/L		76	68 - 134

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

Lab Sample ID: LCS 480-583066/5
Matrix: Water
Analysis Batch: 583066

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	21.1		ug/L		84	75 - 124
Styrene	25.0	21.4		ug/L		86	80 - 120
Tetrachloroethene	25.0	21.5		ug/L		86	74 - 122
Toluene	25.0	21.2		ug/L		85	80 - 122
trans-1,2-Dichloroethene	25.0	21.1		ug/L		85	73 - 127
trans-1,3-Dichloropropene	25.0	31.4	*+	ug/L		126	80 - 120
Trichloroethene	25.0	22.7		ug/L		91	74 - 123
Trichlorofluoromethane	25.0	24.9		ug/L		100	62 - 150
Vinyl chloride	25.0	20.8		ug/L		83	65 - 133
Xylenes, Total	50.0	43.0		ug/L		86	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: MB 480-583138/7
Matrix: Water
Analysis Batch: 583138

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			05/28/21 12:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/28/21 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/28/21 12:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/28/21 12:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/28/21 12:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/28/21 12:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/28/21 12:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/28/21 12:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/28/21 12:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/28/21 12:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/28/21 12:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/28/21 12:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/28/21 12:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/28/21 12:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/28/21 12:01	1
2-Hexanone	ND		5.0	1.2	ug/L			05/28/21 12:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/28/21 12:01	1
Acetone	ND		10	3.0	ug/L			05/28/21 12:01	1
Benzene	ND		1.0	0.41	ug/L			05/28/21 12:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/28/21 12:01	1
Bromoform	ND		1.0	0.26	ug/L			05/28/21 12:01	1
Bromomethane	ND		1.0	0.69	ug/L			05/28/21 12:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/28/21 12:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/28/21 12:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/28/21 12:01	1
Chloroethane	ND		1.0	0.32	ug/L			05/28/21 12:01	1

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

Lab Sample ID: MB 480-583138/7
Matrix: Water
Analysis Batch: 583138

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			05/28/21 12:01	1
Chloromethane	ND		1.0	0.35	ug/L			05/28/21 12:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/28/21 12:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/28/21 12:01	1
Cyclohexane	ND		1.0	0.18	ug/L			05/28/21 12:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/28/21 12:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/28/21 12:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/28/21 12:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/28/21 12:01	1
Methyl acetate	ND		2.5	1.3	ug/L			05/28/21 12:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/28/21 12:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/28/21 12:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/28/21 12:01	1
Styrene	ND		1.0	0.73	ug/L			05/28/21 12:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/28/21 12:01	1
Toluene	ND		1.0	0.51	ug/L			05/28/21 12:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/28/21 12:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/28/21 12:01	1
Trichloroethene	ND		1.0	0.46	ug/L			05/28/21 12:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/28/21 12:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/28/21 12:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/28/21 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*77 - 120*		*05/28/21 12:01*	*1*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*05/28/21 12:01*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/28/21 12:01*	*1*
Dibromofluoromethane (Surr)	*81*		*75 - 123*		*05/28/21 12:01*	*1*

Lab Sample ID: LCS 480-583138/5
Matrix: Water
Analysis Batch: 583138

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.4		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	23.3		ug/L		93	61 - 148
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	76 - 122
1,1-Dichloroethane	25.0	23.5		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	23.4		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	22.0		ug/L		88	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	18.7		ug/L		75	56 - 134
1,2-Dibromoethane	25.0	25.8		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	23.1		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	26.0		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	26.8		ug/L		107	77 - 120
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 120

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

Lab Sample ID: LCS 480-583138/5
Matrix: Water
Analysis Batch: 583138

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	109		ug/L		87	57 - 140
2-Hexanone	125	123		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	94.0		ug/L		75	56 - 142
Benzene	25.0	24.7		ug/L		99	71 - 124
Bromodichloromethane	25.0	26.4		ug/L		106	80 - 122
Bromoform	25.0	24.5		ug/L		98	61 - 132
Bromomethane	25.0	25.4		ug/L		102	55 - 144
Carbon disulfide	25.0	25.4		ug/L		102	59 - 134
Carbon tetrachloride	25.0	22.5		ug/L		90	72 - 134
Chlorobenzene	25.0	24.6		ug/L		98	80 - 120
Chloroethane	25.0	23.5		ug/L		94	69 - 136
Chloroform	25.0	22.9		ug/L		92	73 - 127
Chloromethane	25.0	23.2		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	29.0		ug/L		116	74 - 124
Cyclohexane	25.0	23.9		ug/L		96	59 - 135
Dibromochloromethane	25.0	26.5		ug/L		106	75 - 125
Dichlorodifluoromethane	25.0	22.7		ug/L		91	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Isopropylbenzene	25.0	27.8		ug/L		111	77 - 122
Methyl acetate	50.0	38.6		ug/L		77	74 - 133
Methyl tert-butyl ether	25.0	22.2		ug/L		89	77 - 120
Methylcyclohexane	25.0	24.6		ug/L		98	68 - 134
Methylene Chloride	25.0	23.5		ug/L		94	75 - 124
Styrene	25.0	26.7		ug/L		107	80 - 120
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	26.4		ug/L		106	80 - 122
trans-1,2-Dichloroethene	25.0	22.3		ug/L		89	73 - 127
trans-1,3-Dichloropropene	25.0	31.3	*+	ug/L		125	80 - 120
Trichloroethene	25.0	24.3		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	24.6		ug/L		98	62 - 150
Vinyl chloride	25.0	24.7		ug/L		99	65 - 133
Xylenes, Total	50.0	51.6		ug/L		103	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*82*		*75 - 123*

Lab Sample ID: MB 480-583307/7
Matrix: Water
Analysis Batch: 583307

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			05/29/21 12:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/29/21 12:26	1

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

Lab Sample ID: MB 480-583307/7
Matrix: Water
Analysis Batch: 583307

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			05/29/21 12:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/29/21 12:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/29/21 12:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/29/21 12:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/29/21 12:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/29/21 12:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/29/21 12:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/29/21 12:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/29/21 12:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/29/21 12:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/29/21 12:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/29/21 12:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/29/21 12:26	1
2-Hexanone	ND		5.0	1.2	ug/L			05/29/21 12:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/29/21 12:26	1
Acetone	ND		10	3.0	ug/L			05/29/21 12:26	1
Benzene	ND		1.0	0.41	ug/L			05/29/21 12:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/29/21 12:26	1
Bromoform	ND		1.0	0.26	ug/L			05/29/21 12:26	1
Bromomethane	ND		1.0	0.69	ug/L			05/29/21 12:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/29/21 12:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/29/21 12:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/29/21 12:26	1
Chloroethane	ND		1.0	0.32	ug/L			05/29/21 12:26	1
Chloroform	ND		1.0	0.34	ug/L			05/29/21 12:26	1
Chloromethane	ND		1.0	0.35	ug/L			05/29/21 12:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/29/21 12:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/29/21 12:26	1
Cyclohexane	ND		1.0	0.18	ug/L			05/29/21 12:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/29/21 12:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/29/21 12:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/29/21 12:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/29/21 12:26	1
Methyl acetate	ND		2.5	1.3	ug/L			05/29/21 12:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/29/21 12:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/29/21 12:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/29/21 12:26	1
Styrene	ND		1.0	0.73	ug/L			05/29/21 12:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/29/21 12:26	1
Toluene	ND		1.0	0.51	ug/L			05/29/21 12:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/29/21 12:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/29/21 12:26	1
Trichloroethene	ND		1.0	0.46	ug/L			05/29/21 12:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/29/21 12:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/29/21 12:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/29/21 12:26	1

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

Lab Sample ID: MB 480-583307/7
Matrix: Water
Analysis Batch: 583307

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		05/29/21 12:26	1
4-Bromofluorobenzene (Surr)	98		73 - 120		05/29/21 12:26	1
Toluene-d8 (Surr)	94		80 - 120		05/29/21 12:26	1
Dibromofluoromethane (Surr)	115		75 - 123		05/29/21 12:26	1

Lab Sample ID: LCS 480-583307/5
Matrix: Water
Analysis Batch: 583307

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	30.9		ug/L		123	73 - 126
1,1,2,2-Tetrachloroethane	25.0	20.1		ug/L		80	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.1		ug/L		108	61 - 148
1,1,2-Trichloroethane	25.0	22.6		ug/L		90	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	25.1		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	23.9		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.4		ug/L		90	56 - 134
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	30.3	*+	ug/L		121	75 - 120
1,2-Dichloropropane	25.0	22.4		ug/L		90	76 - 120
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 120
2-Butanone (MEK)	125	107		ug/L		85	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	71 - 125
Acetone	125	116		ug/L		92	56 - 142
Benzene	25.0	22.4		ug/L		90	71 - 124
Bromodichloromethane	25.0	27.6		ug/L		110	80 - 122
Bromoform	25.0	26.8		ug/L		107	61 - 132
Bromomethane	25.0	23.0		ug/L		92	55 - 144
Carbon disulfide	25.0	22.2		ug/L		89	59 - 134
Carbon tetrachloride	25.0	31.8		ug/L		127	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	80 - 120
Chloroethane	25.0	20.9		ug/L		84	69 - 136
Chloroform	25.0	27.5		ug/L		110	73 - 127
Chloromethane	25.0	22.0		ug/L		88	68 - 124
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Cyclohexane	25.0	22.5		ug/L		90	59 - 135
Dibromochloromethane	25.0	28.6		ug/L		114	75 - 125
Dichlorodifluoromethane	25.0	26.8		ug/L		107	59 - 135
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
Isopropylbenzene	25.0	22.5		ug/L		90	77 - 122
Methyl acetate	50.0	42.0		ug/L		84	74 - 133
Methyl tert-butyl ether	25.0	27.2		ug/L		109	77 - 120
Methylcyclohexane	25.0	23.1		ug/L		93	68 - 134

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

Lab Sample ID: LCS 480-583307/5
Matrix: Water
Analysis Batch: 583307

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	23.0		ug/L		92	75 - 124
Styrene	25.0	23.7		ug/L		95	80 - 120
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	22.8		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	80 - 120
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	31.0		ug/L		124	62 - 150
Vinyl chloride	25.0	22.1		ug/L		88	65 - 133
Xylenes, Total	50.0	47.3		ug/L		95	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*114*		*75 - 123*

Lab Sample ID: 480-185195-2 MS
Matrix: Water
Analysis Batch: 583307

Client Sample ID: BCC_AREA_C_MW-C04_MS_0521
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	250	338	F1	ug/L		135	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	209		ug/L		84	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	306		ug/L		123	61 - 148
1,1,2-Trichloroethane	ND		250	231		ug/L		92	76 - 122
1,1-Dichloroethane	ND		250	263		ug/L		105	77 - 120
1,1-Dichloroethene	ND		250	273		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	ND		250	237		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	ND	*+	250	217		ug/L		87	56 - 134
1,2-Dibromoethane	ND		250	255		ug/L		102	77 - 120
1,2-Dichlorobenzene	ND		250	244		ug/L		97	80 - 124
1,2-Dichloroethane	ND	F1	250	331	F1	ug/L		132	75 - 120
1,2-Dichloropropane	ND		250	228		ug/L		91	76 - 120
1,3-Dichlorobenzene	ND		250	250		ug/L		100	77 - 120
1,4-Dichlorobenzene	12		250	258		ug/L		99	78 - 124
2-Butanone (MEK)	ND		1250	1110		ug/L		89	57 - 140
2-Hexanone	ND		1250	1050		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1090		ug/L		87	71 - 125
Acetone	ND		1250	1180		ug/L		94	56 - 142
Benzene	ND		250	242		ug/L		97	71 - 124
Bromodichloromethane	ND		250	298		ug/L		119	80 - 122
Bromoform	ND	*+	250	237		ug/L		95	61 - 132
Bromomethane	ND		250	233		ug/L		93	55 - 144
Carbon disulfide	ND		250	214		ug/L		85	59 - 134
Carbon tetrachloride	ND	F1	250	342	F1	ug/L		137	72 - 134
Chlorobenzene	85		250	351		ug/L		107	80 - 120
Chloroethane	ND		250	219		ug/L		88	69 - 136

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

Lab Sample ID: 480-185195-2 MS
Matrix: Water
Analysis Batch: 583307

Client Sample ID: BCC_AREA_C_MW-C04_MS_0521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		250	300		ug/L		120	73 - 127
Chloromethane	ND		250	225		ug/L		90	68 - 124
cis-1,2-Dichloroethene	ND		250	262		ug/L		105	74 - 124
cis-1,3-Dichloropropene	ND	*+	250	237		ug/L		95	74 - 124
Cyclohexane	ND		250	236		ug/L		94	59 - 135
Dibromochloromethane	ND		250	270		ug/L		108	75 - 125
Dichlorodifluoromethane	ND		250	271		ug/L		108	59 - 135
Ethylbenzene	ND		250	247		ug/L		99	77 - 123
Isopropylbenzene	ND		250	237		ug/L		95	77 - 122
Methyl acetate	ND		500	448		ug/L		90	74 - 133
Methyl tert-butyl ether	ND		250	279		ug/L		112	77 - 120
Methylcyclohexane	ND		250	242		ug/L		97	68 - 134
Methylene Chloride	ND		250	256		ug/L		102	75 - 124
Styrene	ND		250	234		ug/L		93	80 - 120
Tetrachloroethene	ND		250	291		ug/L		116	74 - 122
Toluene	ND		250	236		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND		250	270		ug/L		108	73 - 127
trans-1,3-Dichloropropene	ND	*+	250	251		ug/L		100	80 - 120
Trichloroethene	ND		250	263		ug/L		105	74 - 123
Trichlorofluoromethane	ND		250	336		ug/L		134	62 - 150
Vinyl chloride	ND		250	221		ug/L		88	65 - 133
Xylenes, Total	ND		500	484		ug/L		97	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

Lab Sample ID: 480-185195-2 MSD
Matrix: Water
Analysis Batch: 583307

Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521
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	250	320	F1	ug/L		128	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		250	202		ug/L		81	76 - 120	3	15
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		250	283		ug/L		113	61 - 148	8	20
1,1,2-Trichloroethane	ND		250	237		ug/L		95	76 - 122	3	15
1,1-Dichloroethane	ND		250	256		ug/L		102	77 - 120	3	20
1,1-Dichloroethene	ND		250	273		ug/L		109	66 - 127	0	16
1,2,4-Trichlorobenzene	ND		250	249		ug/L		99	79 - 122	5	20
1,2-Dibromo-3-Chloropropane	ND	*+	250	248		ug/L		99	56 - 134	13	15
1,2-Dibromoethane	ND		250	264		ug/L		106	77 - 120	3	15
1,2-Dichlorobenzene	ND		250	247		ug/L		99	80 - 124	1	20
1,2-Dichloroethane	ND	F1	250	326	F1	ug/L		130	75 - 120	1	20
1,2-Dichloropropane	ND		250	229		ug/L		91	76 - 120	0	20
1,3-Dichlorobenzene	ND		250	251		ug/L		100	77 - 120	0	20
1,4-Dichlorobenzene	12		250	256		ug/L		98	78 - 124	1	20

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

Lab Sample ID: 480-185195-2 MSD
Matrix: Water
Analysis Batch: 583307

Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		1250	1130		ug/L		90	57 - 140	2	20
2-Hexanone	ND		1250	1100		ug/L		88	65 - 127	5	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1150		ug/L		92	71 - 125	5	35
Acetone	ND		1250	1200		ug/L		96	56 - 142	2	15
Benzene	ND		250	234		ug/L		94	71 - 124	3	13
Bromodichloromethane	ND		250	286		ug/L		114	80 - 122	4	15
Bromoform	ND	*+	250	245		ug/L		98	61 - 132	3	15
Bromomethane	ND		250	232		ug/L		93	55 - 144	1	15
Carbon disulfide	ND		250	210		ug/L		84	59 - 134	2	15
Carbon tetrachloride	ND	F1	250	324		ug/L		129	72 - 134	5	15
Chlorobenzene	85		250	355		ug/L		108	80 - 120	1	25
Chloroethane	ND		250	219		ug/L		87	69 - 136	0	15
Chloroform	ND		250	288		ug/L		115	73 - 127	4	20
Chloromethane	ND		250	220		ug/L		88	68 - 124	2	15
cis-1,2-Dichloroethene	ND		250	250		ug/L		100	74 - 124	5	15
cis-1,3-Dichloropropene	ND	*+	250	230		ug/L		92	74 - 124	3	15
Cyclohexane	ND		250	220		ug/L		88	59 - 135	7	20
Dibromochloromethane	ND		250	271		ug/L		108	75 - 125	0	15
Dichlorodifluoromethane	ND		250	266		ug/L		106	59 - 135	2	20
Ethylbenzene	ND		250	249		ug/L		99	77 - 123	1	15
Isopropylbenzene	ND		250	235		ug/L		94	77 - 122	1	20
Methyl acetate	ND		500	436		ug/L		87	74 - 133	3	20
Methyl tert-butyl ether	ND		250	277		ug/L		111	77 - 120	1	37
Methylcyclohexane	ND		250	230		ug/L		92	68 - 134	5	20
Methylene Chloride	ND		250	247		ug/L		99	75 - 124	3	15
Styrene	ND		250	240		ug/L		96	80 - 120	3	20
Tetrachloroethene	ND		250	274		ug/L		110	74 - 122	6	20
Toluene	ND		250	240		ug/L		96	80 - 122	2	15
trans-1,2-Dichloroethene	ND		250	249		ug/L		100	73 - 127	8	20
trans-1,3-Dichloropropene	ND	*+	250	253		ug/L		101	80 - 120	1	15
Trichloroethene	ND		250	260		ug/L		104	74 - 123	1	16
Trichlorofluoromethane	ND		250	327		ug/L		131	62 - 150	3	20
Vinyl chloride	ND		250	225		ug/L		90	65 - 133	2	15
Xylenes, Total	ND		500	484		ug/L		97	76 - 122	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*114*		*75 - 123*

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

Lab Sample ID: MB 480-582778/1-A
Matrix: Water
Analysis Batch: 583062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	05/28/21 00:57	1

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

Lab Sample ID: MB 480-582778/1-A
Matrix: Water
Analysis Batch: 583062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/26/21 15:29	05/28/21 00:57	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/26/21 15:29	05/28/21 00:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/26/21 15:29	05/28/21 00:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/26/21 15:29	05/28/21 00:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/26/21 15:29	05/28/21 00:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 00:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/26/21 15:29	05/28/21 00:57	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/26/21 15:29	05/28/21 00:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/26/21 15:29	05/28/21 00:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 00:57	1
2-Nitroaniline	ND		10	0.42	ug/L		05/26/21 15:29	05/28/21 00:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/26/21 15:29	05/28/21 00:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 00:57	1
3-Nitroaniline	ND		10	0.48	ug/L		05/26/21 15:29	05/28/21 00:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/26/21 15:29	05/28/21 00:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/26/21 15:29	05/28/21 00:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/26/21 15:29	05/28/21 00:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/26/21 15:29	05/28/21 00:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/26/21 15:29	05/28/21 00:57	1
4-Methylphenol	ND		10	0.36	ug/L		05/26/21 15:29	05/28/21 00:57	1
4-Nitroaniline	ND		10	0.25	ug/L		05/26/21 15:29	05/28/21 00:57	1
4-Nitrophenol	ND		10	1.5	ug/L		05/26/21 15:29	05/28/21 00:57	1
Acenaphthene	ND		5.0	0.41	ug/L		05/26/21 15:29	05/28/21 00:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/26/21 15:29	05/28/21 00:57	1
Acetophenone	ND		5.0	0.54	ug/L		05/26/21 15:29	05/28/21 00:57	1
Aniline	ND		10	0.61	ug/L		05/26/21 15:29	05/28/21 00:57	1
Anthracene	ND		5.0	0.28	ug/L		05/26/21 15:29	05/28/21 00:57	1
Atrazine	ND		5.0	0.46	ug/L		05/26/21 15:29	05/28/21 00:57	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/26/21 15:29	05/28/21 00:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/26/21 15:29	05/28/21 00:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	05/28/21 00:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/26/21 15:29	05/28/21 00:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/26/21 15:29	05/28/21 00:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/26/21 15:29	05/28/21 00:57	1
Biphenyl	ND		5.0	0.65	ug/L		05/26/21 15:29	05/28/21 00:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/26/21 15:29	05/28/21 00:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/26/21 15:29	05/28/21 00:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 00:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/26/21 15:29	05/28/21 00:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/26/21 15:29	05/28/21 00:57	1
Caprolactam	ND		5.0	2.2	ug/L		05/26/21 15:29	05/28/21 00:57	1
Carbazole	ND		5.0	0.30	ug/L		05/26/21 15:29	05/28/21 00:57	1
Chrysene	ND		5.0	0.33	ug/L		05/26/21 15:29	05/28/21 00:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/26/21 15:29	05/28/21 00:57	1
Dibenzofuran	ND		10	0.51	ug/L		05/26/21 15:29	05/28/21 00:57	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/26/21 15:29	05/28/21 00:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/26/21 15:29	05/28/21 00:57	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		05/26/21 15:29	05/28/21 00:57	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/26/21 15:29	05/28/21 00:57	1

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

Lab Sample ID: MB 480-582778/1-A
Matrix: Water
Analysis Batch: 583062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		05/26/21 15:29	05/28/21 00:57	1
Fluorene	ND		5.0	0.36	ug/L		05/26/21 15:29	05/28/21 00:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/26/21 15:29	05/28/21 00:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/26/21 15:29	05/28/21 00:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/26/21 15:29	05/28/21 00:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/26/21 15:29	05/28/21 00:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		05/26/21 15:29	05/28/21 00:57	1
Isophorone	ND		5.0	0.43	ug/L		05/26/21 15:29	05/28/21 00:57	1
Naphthalene	ND		5.0	0.76	ug/L		05/26/21 15:29	05/28/21 00:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/26/21 15:29	05/28/21 00:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/26/21 15:29	05/28/21 00:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/26/21 15:29	05/28/21 00:57	1
Pentachlorophenol	ND		10	2.2	ug/L		05/26/21 15:29	05/28/21 00:57	1
Phenanthrene	ND		5.0	0.44	ug/L		05/26/21 15:29	05/28/21 00:57	1
Phenol	ND		5.0	0.39	ug/L		05/26/21 15:29	05/28/21 00:57	1
Pyrene	ND		5.0	0.34	ug/L		05/26/21 15:29	05/28/21 00:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*41 - 120*	*05/26/21 15:29*	*05/28/21 00:57*	*1*
2-Fluorobiphenyl	*104*		*48 - 120*	*05/26/21 15:29*	*05/28/21 00:57*	*1*
2-Fluorophenol	*77*		*35 - 120*	*05/26/21 15:29*	*05/28/21 00:57*	*1*
Nitrobenzene-d5	*104*		*46 - 120*	*05/26/21 15:29*	*05/28/21 00:57*	*1*
Phenol-d5	*56*		*22 - 120*	*05/26/21 15:29*	*05/28/21 00:57*	*1*
p-Terphenyl-d14	*109*		*60 - 148*	*05/26/21 15:29*	*05/28/21 00:57*	*1*

Lab Sample ID: LCS 480-582778/2-A
Matrix: Water
Analysis Batch: 583062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	33.7		ug/L		105	65 - 126
2,4,6-Trichlorophenol	32.0	33.9		ug/L		106	64 - 120
2,4-Dichlorophenol	32.0	33.0		ug/L		103	63 - 120
2,4-Dimethylphenol	32.0	32.0		ug/L		100	47 - 120
2,4-Dinitrophenol	64.0	63.3		ug/L		99	31 - 137
2,4-Dinitrotoluene	32.0	33.2		ug/L		104	69 - 120
2,6-Dinitrotoluene	32.0	32.8		ug/L		102	68 - 120
2-Chloronaphthalene	32.0	30.5		ug/L		95	58 - 120
2-Chlorophenol	32.0	30.3		ug/L		95	48 - 120
2-Methylnaphthalene	32.0	30.6		ug/L		95	59 - 120
2-Methylphenol	32.0	30.0		ug/L		94	39 - 120
2-Nitroaniline	32.0	32.5		ug/L		101	54 - 127
2-Nitrophenol	32.0	32.8		ug/L		102	52 - 125
3,3'-Dichlorobenzidine	64.0	62.2		ug/L		97	49 - 135
3-Nitroaniline	32.0	28.4		ug/L		89	51 - 120
4,6-Dinitro-2-methylphenol	64.0	67.6		ug/L		106	46 - 136
4-Bromophenyl phenyl ether	32.0	32.6		ug/L		102	65 - 120
4-Chloro-3-methylphenol	32.0	33.2		ug/L		104	61 - 123

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

Lab Sample ID: LCS 480-582778/2-A
Matrix: Water
Analysis Batch: 583062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	32.0	24.6		ug/L		77	30 - 120
4-Chlorophenyl phenyl ether	32.0	31.6		ug/L		99	62 - 120
4-Methylphenol	32.0	28.9		ug/L		90	29 - 131
4-Nitroaniline	32.0	30.7		ug/L		96	65 - 120
4-Nitrophenol	64.0	49.9		ug/L		78	45 - 120
Acenaphthene	32.0	31.0		ug/L		97	60 - 120
Acenaphthylene	32.0	32.6		ug/L		102	63 - 120
Acetophenone	32.0	32.0		ug/L		100	45 - 120
Aniline	32.0	22.6		ug/L		71	12 - 120
Anthracene	32.0	32.3		ug/L		101	67 - 120
Atrazine	64.0	72.5		ug/L		113	71 - 130
Benzaldehyde	64.0	61.0		ug/L		95	10 - 140
Benzo(a)anthracene	32.0	33.2		ug/L		104	70 - 121
Benzo(a)pyrene	32.0	33.2		ug/L		104	60 - 123
Benzo(b)fluoranthene	32.0	34.3		ug/L		107	66 - 126
Benzo(g,h,i)perylene	32.0	33.8		ug/L		106	66 - 150
Benzo(k)fluoranthene	32.0	34.3		ug/L		107	65 - 124
Biphenyl	32.0	31.1		ug/L		97	59 - 120
bis (2-chloroisopropyl) ether	32.0	27.8		ug/L		87	21 - 136
Bis(2-chloroethoxy)methane	32.0	31.3		ug/L		98	50 - 128
Bis(2-chloroethyl)ether	32.0	31.2		ug/L		97	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	33.6		ug/L		105	63 - 139
Butyl benzyl phthalate	32.0	33.6		ug/L		105	70 - 129
Caprolactam	64.0	25.5		ug/L		40	22 - 120
Carbazole	32.0	34.3		ug/L		107	66 - 123
Chrysene	32.0	31.6		ug/L		99	69 - 120
Dibenz(a,h)anthracene	32.0	34.0		ug/L		106	65 - 135
Dibenzofuran	32.0	31.6		ug/L		99	66 - 120
Diethyl phthalate	32.0	33.7		ug/L		105	59 - 127
Dimethyl phthalate	32.0	33.4		ug/L		105	68 - 120
Di-n-butyl phthalate	32.0	34.0		ug/L		106	69 - 131
Di-n-octyl phthalate	32.0	34.6		ug/L		108	63 - 140
Fluoranthene	32.0	32.6		ug/L		102	69 - 126
Fluorene	32.0	32.7		ug/L		102	66 - 120
Hexachlorobenzene	32.0	32.5		ug/L		101	61 - 120
Hexachlorobutadiene	32.0	27.0		ug/L		84	35 - 120
Hexachlorocyclopentadiene	32.0	23.8		ug/L		74	31 - 120
Hexachloroethane	32.0	26.6		ug/L		83	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	33.7		ug/L		105	69 - 146
Isophorone	32.0	32.8		ug/L		102	55 - 120
Naphthalene	32.0	30.1		ug/L		94	57 - 120
Nitrobenzene	32.0	31.6		ug/L		99	53 - 123
N-Nitrosodi-n-propylamine	32.0	32.6		ug/L		102	32 - 140
N-Nitrosodiphenylamine	32.0	32.4		ug/L		101	61 - 120
Pentachlorophenol	64.0	66.8		ug/L		104	29 - 136
Phenanthrene	32.0	32.3		ug/L		101	68 - 120
Phenol	32.0	21.0		ug/L		66	17 - 120
Pyrene	32.0	31.5		ug/L		99	70 - 125

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

Lab Sample ID: LCS 480-582778/2-A
Matrix: Water
Analysis Batch: 583062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582778

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*103*		*41 - 120*
2-Fluorobiphenyl	*99*		*48 - 120*
2-Fluorophenol	*76*		*35 - 120*
Nitrobenzene-d5	*99*		*46 - 120*
Phenol-d5	*58*		*22 - 120*
p-Terphenyl-d14	*100*		*60 - 148*

Lab Sample ID: 480-185195-2 MS
Matrix: Water
Analysis Batch: 583062

Client Sample ID: BCC_AREA_C_MW-C04_MS_0521
Prep Type: Total/NA
Prep Batch: 582778

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	35.3		ug/L		110	65 - 126
2,4,6-Trichlorophenol	ND		32.0	35.4		ug/L		111	64 - 120
2,4-Dichlorophenol	ND		32.0	34.0		ug/L		106	48 - 132
2,4-Dimethylphenol	ND		32.0	31.5		ug/L		98	39 - 130
2,4-Dinitrophenol	ND		64.0	75.1		ug/L		117	21 - 150
2,4-Dinitrotoluene	ND		32.0	30.6		ug/L		96	54 - 138
2,6-Dinitrotoluene	ND		32.0	30.4		ug/L		95	17 - 150
2-Chloronaphthalene	ND		32.0	30.4		ug/L		95	52 - 124
2-Chlorophenol	0.96	J	32.0	30.4		ug/L		92	48 - 120
2-Methylnaphthalene	ND		32.0	30.1		ug/L		94	34 - 140
2-Methylphenol	ND		32.0	28.8		ug/L		90	46 - 120
2-Nitroaniline	ND		32.0	34.3		ug/L		107	44 - 136
2-Nitrophenol	ND		32.0	32.9		ug/L		103	38 - 141
3,3'-Dichlorobenzidine	ND	F1 F2	64.0	3.77	J F1	ug/L		6	10 - 150
3-Nitroaniline	ND		32.0	20.4		ug/L		64	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	64.9		ug/L		101	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	29.5		ug/L		92	63 - 126
4-Chloro-3-methylphenol	ND		32.0	34.5		ug/L		108	64 - 127
4-Chloroaniline	ND		32.0	19.3		ug/L		60	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	28.7		ug/L		90	61 - 120
4-Methylphenol	ND		32.0	28.5		ug/L		89	36 - 120
4-Nitroaniline	ND		32.0	25.4		ug/L		79	32 - 150
4-Nitrophenol	ND		64.0	47.0		ug/L		73	23 - 132
Acenaphthene	ND		32.0	31.5		ug/L		98	48 - 120
Acenaphthylene	ND		32.0	32.8		ug/L		103	63 - 120
Acetophenone	ND		32.0	31.1		ug/L		97	53 - 120
Aniline	ND		32.0	20.2		ug/L		63	32 - 120
Anthracene	ND		32.0	30.9		ug/L		97	65 - 122
Atrazine	ND		64.0	62.8		ug/L		98	50 - 150
Benzaldehyde	ND		64.0	58.8		ug/L		92	10 - 150
Benzo(a)anthracene	ND		32.0	32.0		ug/L		100	43 - 124
Benzo(a)pyrene	ND		32.0	28.4		ug/L		89	23 - 125
Benzo(b)fluoranthene	ND		32.0	29.0		ug/L		91	27 - 127
Benzo(g,h,i)perylene	ND		32.0	28.5		ug/L		89	16 - 147
Benzo(k)fluoranthene	ND		32.0	28.4		ug/L		89	20 - 124
Biphenyl	ND		32.0	31.0		ug/L		97	57 - 120

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

Lab Sample ID: 480-185195-2 MS
Matrix: Water
Analysis Batch: 583062

Client Sample ID: BCC_AREA_C_MW-C04_MS_0521
Prep Type: Total/NA
Prep Batch: 582778

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	ND		32.0	27.7		ug/L		87	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	30.6		ug/L		96	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	31.9		ug/L		100	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	29.1		ug/L		91	16 - 150
Butyl benzyl phthalate	ND		32.0	33.5		ug/L		105	51 - 140
Caprolactam	ND		64.0	25.5		ug/L		40	10 - 120
Carbazole	ND		32.0	35.6		ug/L		111	16 - 148
Chrysene	ND		32.0	29.4		ug/L		92	44 - 122
Dibenz(a,h)anthracene	ND		32.0	28.6		ug/L		90	16 - 139
Dibenzofuran	ND		32.0	32.8		ug/L		102	60 - 120
Diethyl phthalate	ND		32.0	29.1		ug/L		91	53 - 133
Dimethyl phthalate	ND		32.0	28.8		ug/L		90	59 - 123
Di-n-butyl phthalate	0.37	J	32.0	31.9		ug/L		99	65 - 129
Di-n-octyl phthalate	ND		32.0	30.8		ug/L		96	16 - 150
Fluoranthene	ND		32.0	31.3		ug/L		98	63 - 129
Fluorene	ND		32.0	33.4		ug/L		104	62 - 120
Hexachlorobenzene	ND		32.0	31.2		ug/L		98	57 - 121
Hexachlorobutadiene	ND		32.0	25.2		ug/L		79	37 - 120
Hexachlorocyclopentadiene	ND		32.0	24.1		ug/L		75	21 - 120
Hexachloroethane	ND		32.0	25.6		ug/L		80	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	28.2		ug/L		88	16 - 140
Isophorone	ND		32.0	32.6		ug/L		102	48 - 133
Naphthalene	ND		32.0	29.8		ug/L		93	45 - 120
Nitrobenzene	ND		32.0	31.3		ug/L		98	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	31.3		ug/L		98	49 - 120
N-Nitrosodiphenylamine	ND		32.0	27.7		ug/L		87	39 - 138
Pentachlorophenol	ND		64.0	81.0		ug/L		127	23 - 149
Phenanthrene	ND		32.0	31.7		ug/L		99	65 - 122
Phenol	ND		32.0	19.8		ug/L		62	16 - 120
Pyrene	ND		32.0	32.6		ug/L		102	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*102*		*41 - 120*
2-Fluorobiphenyl	*98*		*48 - 120*
2-Fluorophenol	*72*		*35 - 120*
Nitrobenzene-d5	*96*		*46 - 120*
Phenol-d5	*54*		*22 - 120*
p-Terphenyl-d14	*69*		*60 - 148*

Lab Sample ID: 480-185195-2 MSD
Matrix: Water
Analysis Batch: 583062

Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521
Prep Type: Total/NA
Prep Batch: 582778

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	34.4		ug/L		108	65 - 126	3	18
2,4,6-Trichlorophenol	ND		32.0	34.7		ug/L		108	64 - 120	2	19
2,4-Dichlorophenol	ND		32.0	33.1		ug/L		104	48 - 132	3	19
2,4-Dimethylphenol	ND		32.0	32.0		ug/L		100	39 - 130	1	42

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

Lab Sample ID: 480-185195-2 MSD — **Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583062 — **Prep Batch: 582778**

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	71.7		ug/L		112	21 - 150	5	22
2,4-Dinitrotoluene	ND		32.0	31.4		ug/L		98	54 - 138	3	20
2,6-Dinitrotoluene	ND		32.0	30.0		ug/L		94	17 - 150	1	15
2-Chloronaphthalene	ND		32.0	30.5		ug/L		95	52 - 124	0	21
2-Chlorophenol	0.96	J	32.0	30.4		ug/L		92	48 - 120	0	25
2-Methylnaphthalene	ND		32.0	30.7		ug/L		96	34 - 140	2	21
2-Methylphenol	ND		32.0	29.2		ug/L		91	46 - 120	1	27
2-Nitroaniline	ND		32.0	33.2		ug/L		104	44 - 136	3	15
2-Nitrophenol	ND		32.0	33.1		ug/L		103	38 - 141	1	18
3,3'-Dichlorobenzidine	ND	F1 F2	64.0	2.76	J F1 F2	ug/L		4	10 - 150	31	25
3-Nitroaniline	ND		32.0	21.0		ug/L		66	32 - 150	3	19
4,6-Dinitro-2-methylphenol	ND		64.0	62.8		ug/L		98	38 - 150	3	15
4-Bromophenyl phenyl ether	ND		32.0	29.3		ug/L		92	63 - 126	0	15
4-Chloro-3-methylphenol	ND		32.0	33.7		ug/L		105	64 - 127	3	27
4-Chloroaniline	ND		32.0	18.6		ug/L		58	16 - 124	4	22
4-Chlorophenyl phenyl ether	ND		32.0	31.9		ug/L		100	61 - 120	11	16
4-Methylphenol	ND		32.0	28.1		ug/L		88	36 - 120	1	24
4-Nitroaniline	ND		32.0	24.1		ug/L		75	32 - 150	5	24
4-Nitrophenol	ND		64.0	44.1		ug/L		69	23 - 132	7	48
Acenaphthene	ND		32.0	31.1		ug/L		97	48 - 120	1	24
Acenaphthylene	ND		32.0	32.7		ug/L		102	63 - 120	0	18
Acetophenone	ND		32.0	31.0		ug/L		97	53 - 120	0	20
Aniline	ND		32.0	20.4		ug/L		64	32 - 120	1	30
Anthracene	ND		32.0	29.7		ug/L		93	65 - 122	4	15
Atrazine	ND		64.0	62.0		ug/L		97	50 - 150	1	20
Benzaldehyde	ND		64.0	57.5		ug/L		90	10 - 150	2	20
Benzo(a)anthracene	ND		32.0	30.9		ug/L		96	43 - 124	4	15
Benzo(a)pyrene	ND		32.0	27.4		ug/L		86	23 - 125	3	15
Benzo(b)fluoranthene	ND		32.0	27.8		ug/L		87	27 - 127	4	15
Benzo(g,h,i)perylene	ND		32.0	27.5		ug/L		86	16 - 147	4	15
Benzo(k)fluoranthene	ND		32.0	28.0		ug/L		87	20 - 124	2	22
Biphenyl	ND		32.0	31.0		ug/L		97	57 - 120	0	20
bis (2-chloroisopropyl) ether	ND		32.0	26.8		ug/L		84	28 - 121	3	24
Bis(2-chloroethoxy)methane	ND		32.0	30.5		ug/L		95	44 - 128	0	17
Bis(2-chloroethyl)ether	ND		32.0	32.9		ug/L		103	45 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		32.0	28.7		ug/L		90	16 - 150	1	15
Butyl benzyl phthalate	ND		32.0	32.8		ug/L		103	51 - 140	2	16
Caprolactam	ND		64.0	23.7		ug/L		37	10 - 120	7	20
Carbazole	ND		32.0	34.5		ug/L		108	16 - 148	3	20
Chrysene	ND		32.0	28.6		ug/L		89	44 - 122	3	15
Dibenz(a,h)anthracene	ND		32.0	27.6		ug/L		86	16 - 139	4	15
Dibenzofuran	ND		32.0	32.3		ug/L		101	60 - 120	1	15
Diethyl phthalate	ND		32.0	30.4		ug/L		95	53 - 133	5	15
Dimethyl phthalate	ND		32.0	28.8		ug/L		90	59 - 123	0	15
Di-n-butyl phthalate	0.37	J	32.0	32.8		ug/L		101	65 - 129	3	15
Di-n-octyl phthalate	ND		32.0	30.1		ug/L		94	16 - 150	2	16
Fluoranthene	ND		32.0	29.7		ug/L		93	63 - 129	5	15
Fluorene	ND		32.0	32.9		ug/L		103	62 - 120	2	15
Hexachlorobenzene	ND		32.0	30.0		ug/L		94	57 - 121	4	15

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

Lab Sample ID: 480-185195-2 MSD — **Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583062 — **Prep Batch: 582778**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	ND		32.0	26.0		ug/L		81	37 - 120	3	44
Hexachlorocyclopentadiene	ND		32.0	24.2		ug/L		76	21 - 120	1	49
Hexachloroethane	ND		32.0	25.8		ug/L		81	16 - 130	1	46
Indeno(1,2,3-cd)pyrene	ND		32.0	27.4		ug/L		86	16 - 140	3	15
Isophorone	ND		32.0	32.2		ug/L		101	48 - 133	1	17
Naphthalene	ND		32.0	30.1		ug/L		94	45 - 120	1	29
Nitrobenzene	ND		32.0	31.5		ug/L		99	45 - 123	1	24
N-Nitrosodi-n-propylamine	ND		32.0	31.4		ug/L		98	49 - 120	1	31
N-Nitrosodiphenylamine	ND		32.0	29.0		ug/L		91	39 - 138	5	15
Pentachlorophenol	ND		64.0	76.6		ug/L		120	23 - 149	6	37
Phenanthrene	ND		32.0	30.3		ug/L		95	65 - 122	4	15
Phenol	ND		32.0	19.4		ug/L		61	16 - 120	2	34
Pyrene	ND		32.0	31.8		ug/L		100	58 - 128	2	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*112*		*41 - 120*
2-Fluorobiphenyl	*99*		*48 - 120*
2-Fluorophenol	*71*		*35 - 120*
Nitrobenzene-d5	*97*		*46 - 120*
Phenol-d5	*53*		*22 - 120*
p-Terphenyl-d14	*69*		*60 - 148*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-583088/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583792 — **Prep Batch: 583088**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/28/21 10:21	06/03/21 03:06	1
Antimony	ND		0.020	0.0068	mg/L		05/28/21 10:21	06/03/21 03:06	1
Arsenic	ND		0.015	0.0056	mg/L		05/28/21 10:21	06/03/21 03:06	1
Barium	ND		0.0020	0.00070	mg/L		05/28/21 10:21	06/03/21 03:06	1
Beryllium	ND		0.0020	0.00030	mg/L		05/28/21 10:21	06/03/21 03:06	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/21 10:21	06/03/21 03:06	1
Calcium	ND		0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:06	1
Chromium	ND		0.0040	0.0010	mg/L		05/28/21 10:21	06/03/21 03:06	1
Cobalt	ND		0.0040	0.00063	mg/L		05/28/21 10:21	06/03/21 03:06	1
Copper	ND		0.010	0.0016	mg/L		05/28/21 10:21	06/03/21 03:06	1
Iron	ND		0.050	0.019	mg/L		05/28/21 10:21	06/03/21 03:06	1
Lead	ND		0.010	0.0030	mg/L		05/28/21 10:21	06/03/21 03:06	1
Magnesium	ND		0.20	0.043	mg/L		05/28/21 10:21	06/03/21 03:06	1
Manganese	ND		0.0030	0.00040	mg/L		05/28/21 10:21	06/03/21 03:06	1
Nickel	ND		0.010	0.0013	mg/L		05/28/21 10:21	06/03/21 03:06	1
Potassium	0.261	J	0.50	0.10	mg/L		05/28/21 10:21	06/03/21 03:06	1
Selenium	ND		0.025	0.0087	mg/L		05/28/21 10:21	06/03/21 03:06	1
Silver	ND		0.0060	0.0017	mg/L		05/28/21 10:21	06/03/21 03:06	1
Sodium	ND		1.0	0.32	mg/L		05/28/21 10:21	06/03/21 03:06	1
Thallium	ND		0.020	0.010	mg/L		05/28/21 10:21	06/03/21 03:06	1

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

Lab Sample ID: MB 480-583088/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583792 — **Prep Batch: 583088**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		05/28/21 10:21	06/03/21 03:06	1
Zinc	ND		0.010	0.0015	mg/L		05/28/21 10:21	06/03/21 03:06	1

Lab Sample ID: LCS 480-583088/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583792 — **Prep Batch: 583088**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.86		mg/L		109	80 - 120
Antimony	0.200	0.236		mg/L		118	80 - 120
Arsenic	0.200	0.213		mg/L		107	80 - 120
Barium	0.200	0.216		mg/L		108	80 - 120
Beryllium	0.200	0.215		mg/L		107	80 - 120
Cadmium	0.200	0.205		mg/L		102	80 - 120
Calcium	10.0	10.84		mg/L		108	80 - 120
Chromium	0.200	0.213		mg/L		107	80 - 120
Cobalt	0.200	0.194		mg/L		97	80 - 120
Copper	0.200	0.210		mg/L		105	80 - 120
Iron	10.0	10.29		mg/L		103	80 - 120
Lead	0.200	0.200		mg/L		100	80 - 120
Magnesium	10.0	10.69		mg/L		107	80 - 120
Manganese	0.200	0.213		mg/L		107	80 - 120
Nickel	0.200	0.202		mg/L		101	80 - 120
Potassium	10.0	10.46		mg/L		105	80 - 120
Selenium	0.200	0.217		mg/L		109	80 - 120
Silver	0.0500	0.0551		mg/L		110	80 - 120
Sodium	10.0	10.53		mg/L		105	80 - 120
Thallium	0.200	0.207		mg/L		104	80 - 120
Vanadium	0.200	0.209		mg/L		104	80 - 120
Zinc	0.200	0.199		mg/L		100	80 - 120

Lab Sample ID: 480-185195-2 MS — **Client Sample ID: BCC_AREA_C_MW-C04_MS_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583792 — **Prep Batch: 583088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	11.40		mg/L		114	75 - 125
Arsenic	ND		0.200	0.238		mg/L		119	75 - 125
Barium	0.10		0.200	0.326		mg/L		110	75 - 125
Beryllium	ND		0.200	0.225		mg/L		113	75 - 125
Cadmium	ND		0.200	0.224		mg/L		112	75 - 125
Calcium	295		10.0	314.7	4	mg/L		192	75 - 125
Chromium	ND		0.200	0.222		mg/L		111	75 - 125
Cobalt	ND		0.200	0.207		mg/L		104	75 - 125
Copper	0.0043	J	0.200	0.230		mg/L		113	75 - 125
Iron	10.6		10.0	21.41		mg/L		108	75 - 125
Lead	ND		0.200	0.213		mg/L		107	75 - 125
Magnesium	46.2		10.0	58.88	4	mg/L		127	75 - 125
Manganese	1.7		0.200	1.98	4	mg/L		141	75 - 125

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

Lab Sample ID: 480-185195-2 MS — **Client Sample ID: BCC_AREA_C_MW-C04_MS_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583792 — **Prep Batch: 583088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	ND		0.200	0.216		mg/L		108	75 - 125
Potassium	11.0	B	10.0	22.79		mg/L		118	75 - 125
Selenium	ND		0.200	0.236		mg/L		118	75 - 125
Silver	ND		0.0500	0.0603		mg/L		121	75 - 125
Sodium	141		10.0	158.3	4	mg/L		175	75 - 125
Thallium	ND		0.200	0.215		mg/L		108	75 - 125
Vanadium	ND		0.200	0.223		mg/L		111	75 - 125
Zinc	0.034		0.200	0.240		mg/L		103	75 - 125

Lab Sample ID: 480-185195-2 MS — **Client Sample ID: BCC_AREA_C_MW-C04_MS_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583960 — **Prep Batch: 583088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.200	0.241		mg/L		121	75 - 125

Lab Sample ID: 480-185195-2 MSD — **Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583792 — **Prep Batch: 583088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	11.22		mg/L		112	75 - 125	2	20
Arsenic	ND		0.200	0.234		mg/L		117	75 - 125	1	20
Barium	0.10		0.200	0.320		mg/L		107	75 - 125	2	20
Beryllium	ND		0.200	0.220		mg/L		110	75 - 125	2	20
Cadmium	ND		0.200	0.218		mg/L		109	75 - 125	3	20
Calcium	295		10.0	309.0	4	mg/L		136	75 - 125	2	20
Chromium	ND		0.200	0.219		mg/L		109	75 - 125	2	20
Cobalt	ND		0.200	0.202		mg/L		101	75 - 125	2	20
Copper	0.0043	J	0.200	0.227		mg/L		112	75 - 125	1	20
Iron	10.6		10.0	21.50		mg/L		109	75 - 125	0	20
Lead	ND		0.200	0.208		mg/L		104	75 - 125	2	20
Magnesium	46.2		10.0	58.39	4	mg/L		122	75 - 125	1	20
Manganese	1.7		0.200	1.95	4	mg/L		124	75 - 125	2	20
Nickel	ND		0.200	0.211		mg/L		105	75 - 125	2	20
Potassium	11.0	B	10.0	22.44		mg/L		114	75 - 125	2	20
Selenium	ND		0.200	0.226		mg/L		113	75 - 125	4	20
Silver	ND		0.0500	0.0606		mg/L		121	75 - 125	0	20
Sodium	141		10.0	153.9	4	mg/L		131	75 - 125	3	20
Thallium	ND		0.200	0.210		mg/L		105	75 - 125	3	20
Vanadium	ND		0.200	0.217		mg/L		109	75 - 125	2	20
Zinc	0.034		0.200	0.229		mg/L		98	75 - 125	4	20

Lab Sample ID: 480-185195-2 MSD — **Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583960 — **Prep Batch: 583088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.200	0.234		mg/L		117	75 - 125	3	20

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

Lab Sample ID: MB 480-583499/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583794 — **Prep Batch: 583499**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	ND		0.20	0.060	mg/L		06/02/21 09:11	06/03/21 07:36	1
Arsenic, Dissolved	ND		0.015	0.0056	mg/L		06/02/21 09:11	06/03/21 07:36	1
Barium, Dissolved	ND		0.0020	0.00070	mg/L		06/02/21 09:11	06/03/21 07:36	1
Beryllium, Dissolved	ND		0.0020	0.00030	mg/L		06/02/21 09:11	06/03/21 07:36	1
Cadmium, Dissolved	ND		0.0020	0.00050	mg/L		06/02/21 09:11	06/03/21 07:36	1
Calcium, Dissolved	ND		0.50	0.10	mg/L		06/02/21 09:11	06/03/21 07:36	1
Chromium, Dissolved	ND		0.0040	0.0010	mg/L		06/02/21 09:11	06/03/21 07:36	1
Cobalt, Dissolved	ND		0.0040	0.00063	mg/L		06/02/21 09:11	06/03/21 07:36	1
Copper, Dissolved	ND		0.010	0.0016	mg/L		06/02/21 09:11	06/03/21 07:36	1
Iron, Dissolved	ND		0.050	0.019	mg/L		06/02/21 09:11	06/03/21 07:36	1
Lead, Dissolved	ND		0.010	0.0030	mg/L		06/02/21 09:11	06/03/21 07:36	1
Magnesium, Dissolved	ND		0.20	0.043	mg/L		06/02/21 09:11	06/03/21 07:36	1
Manganese, Dissolved	ND		0.0030	0.00040	mg/L		06/02/21 09:11	06/03/21 07:36	1
Nickel, Dissolved	ND		0.010	0.0013	mg/L		06/02/21 09:11	06/03/21 07:36	1
Potassium, Dissolved	0.702		0.50	0.10	mg/L		06/02/21 09:11	06/03/21 07:36	1
Selenium, Dissolved	ND		0.025	0.0087	mg/L		06/02/21 09:11	06/03/21 07:36	1
Silver, Dissolved	ND		0.0060	0.0017	mg/L		06/02/21 09:11	06/03/21 07:36	1
Sodium, Dissolved	ND		1.0	0.32	mg/L		06/02/21 09:11	06/03/21 07:36	1
Thallium, Dissolved	ND		0.020	0.010	mg/L		06/02/21 09:11	06/03/21 07:36	1
Vanadium, Dissolved	ND		0.0050	0.0015	mg/L		06/02/21 09:11	06/03/21 07:36	1
Zinc, Dissolved	ND		0.010	0.0015	mg/L		06/02/21 09:11	06/03/21 07:36	1

Lab Sample ID: MB 480-583499/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583973 — **Prep Batch: 583499**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	ND		0.020	0.0068	mg/L		06/02/21 09:11	06/03/21 16:58	1

Lab Sample ID: LCS 480-583499/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583794 — **Prep Batch: 583499**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum, Dissolved	10.0	10.66		mg/L		107	80 - 120
Arsenic, Dissolved	0.200	0.212		mg/L		106	80 - 120
Barium, Dissolved	0.200	0.208		mg/L		104	80 - 120
Beryllium, Dissolved	0.200	0.207		mg/L		104	80 - 120
Cadmium, Dissolved	0.200	0.200		mg/L		100	80 - 120
Calcium, Dissolved	10.0	10.62		mg/L		106	80 - 120
Chromium, Dissolved	0.200	0.212		mg/L		106	80 - 120
Cobalt, Dissolved	0.200	0.184		mg/L		92	80 - 120
Copper, Dissolved	0.200	0.208		mg/L		104	80 - 120
Iron, Dissolved	10.0	9.81		mg/L		98	80 - 120
Lead, Dissolved	0.200	0.191		mg/L		96	80 - 120
Magnesium, Dissolved	10.0	10.65		mg/L		107	80 - 120
Manganese, Dissolved	0.200	0.210		mg/L		105	80 - 120
Nickel, Dissolved	0.200	0.195		mg/L		98	80 - 120
Potassium, Dissolved	10.0	10.74		mg/L		107	80 - 120

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

Lab Sample ID: LCS 480-583499/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583794 — **Prep Batch: 583499**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium, Dissolved	0.200	0.213		mg/L		106	80 - 120
Silver, Dissolved	0.0500	0.0551		mg/L		110	80 - 120
Sodium, Dissolved	10.0	10.53		mg/L		105	80 - 120
Thallium, Dissolved	0.200	0.200		mg/L		100	80 - 120
Vanadium, Dissolved	0.200	0.205		mg/L		103	80 - 120
Zinc, Dissolved	0.200	0.191		mg/L		96	80 - 120

Lab Sample ID: LCS 480-583499/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583973 — **Prep Batch: 583499**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony, Dissolved	0.200	0.223		mg/L		112	80 - 120

Lab Sample ID: LCSD 480-583499/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583794 — **Prep Batch: 583499**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum, Dissolved	10.0	10.53		mg/L		105	80 - 120	1	20
Arsenic, Dissolved	0.200	0.209		mg/L		104	80 - 120	1	20
Barium, Dissolved	0.200	0.206		mg/L		103	80 - 120	1	20
Beryllium, Dissolved	0.200	0.206		mg/L		103	80 - 120	1	20
Cadmium, Dissolved	0.200	0.199		mg/L		100	80 - 120	0	20
Calcium, Dissolved	10.0	10.51		mg/L		105	80 - 120	1	20
Chromium, Dissolved	0.200	0.211		mg/L		106	80 - 120	0	20
Cobalt, Dissolved	0.200	0.184		mg/L		92	80 - 120	0	20
Copper, Dissolved	0.200	0.209		mg/L		105	80 - 120	0	20
Iron, Dissolved	10.0	9.82		mg/L		98	80 - 120	0	20
Lead, Dissolved	0.200	0.191		mg/L		95	80 - 120	0	20
Magnesium, Dissolved	10.0	10.66		mg/L		107	80 - 120	0	20
Manganese, Dissolved	0.200	0.210		mg/L		105	80 - 120	0	20
Nickel, Dissolved	0.200	0.195		mg/L		97	80 - 120	0	20
Potassium, Dissolved	10.0	10.53		mg/L		105	80 - 120	2	20
Selenium, Dissolved	0.200	0.215		mg/L		108	80 - 120	1	20
Silver, Dissolved	0.0500	0.0558		mg/L		112	80 - 120	1	20
Sodium, Dissolved	10.0	10.39		mg/L		104	80 - 120	1	20
Thallium, Dissolved	0.200	0.200		mg/L		100	80 - 120	0	20
Vanadium, Dissolved	0.200	0.205		mg/L		102	80 - 120	0	20
Zinc, Dissolved	0.200	0.191		mg/L		95	80 - 120	0	20

Lab Sample ID: LCSD 480-583499/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583973 — **Prep Batch: 583499**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony, Dissolved	0.200	0.220		mg/L		110	80 - 120	1	20

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

Lab Sample ID: 480-185195-7 MS — **Client Sample ID: BCC_AREA_C_RFI-20 F_0521**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 583794 — **Prep Batch: 583499**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum, Dissolved	ND		10.0	10.88		mg/L		109	75 - 125
Arsenic, Dissolved	ND		0.200	0.223		mg/L		111	75 - 125
Barium, Dissolved	0.070		0.200	0.273		mg/L		102	75 - 125
Beryllium, Dissolved	ND		0.200	0.208		mg/L		104	75 - 125
Cadmium, Dissolved	ND		0.200	0.208		mg/L		104	75 - 125
Calcium, Dissolved	334		10.0	342.8	4	mg/L		91	75 - 125
Chromium, Dissolved	0.0013	J	0.200	0.212		mg/L		105	75 - 125
Cobalt, Dissolved	0.0012	J	0.200	0.191		mg/L		95	75 - 125
Copper, Dissolved	0.0030	J	0.200	0.217		mg/L		107	75 - 125
Iron, Dissolved	0.19		10.0	10.12		mg/L		99	75 - 125
Lead, Dissolved	ND		0.200	0.195		mg/L		97	75 - 125
Magnesium, Dissolved	23.8		10.0	34.43		mg/L		106	75 - 125
Manganese, Dissolved	0.64		0.200	0.845		mg/L		102	75 - 125
Nickel, Dissolved	0.0049	J	0.200	0.204		mg/L		100	75 - 125
Potassium, Dissolved	10.2	B	10.0	21.10		mg/L		109	75 - 125
Selenium, Dissolved	ND		0.200	0.221		mg/L		110	75 - 125
Silver, Dissolved	ND		0.0500	0.0577		mg/L		115	75 - 125
Sodium, Dissolved	55.3		10.0	68.75	4	mg/L		134	75 - 125
Thallium, Dissolved	ND		0.200	0.201		mg/L		100	75 - 125
Vanadium, Dissolved	0.0016	J	0.200	0.210		mg/L		104	75 - 125
Zinc, Dissolved	0.019		0.200	0.206		mg/L		94	75 - 125

Lab Sample ID: 480-185195-7 MS — **Client Sample ID: BCC_AREA_C_RFI-20 F_0521**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 584409 — **Prep Batch: 583499**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony, Dissolved	ND		0.200	0.229		mg/L		114	75 - 125

Lab Sample ID: 480-185195-7 MSD — **Client Sample ID: BCC_AREA_C_RFI-20 F_0521**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 583794 — **Prep Batch: 583499**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum, Dissolved	ND		10.0	11.06		mg/L		111	75 - 125	2	20
Arsenic, Dissolved	ND		0.200	0.229		mg/L		114	75 - 125	3	20
Barium, Dissolved	0.070		0.200	0.279		mg/L		105	75 - 125	2	20
Beryllium, Dissolved	ND		0.200	0.214		mg/L		107	75 - 125	3	20
Cadmium, Dissolved	ND		0.200	0.213		mg/L		107	75 - 125	3	20
Calcium, Dissolved	334		10.0	352.0	4	mg/L		183	75 - 125	3	20
Chromium, Dissolved	0.0013	J	0.200	0.218		mg/L		108	75 - 125	3	20
Cobalt, Dissolved	0.0012	J	0.200	0.196		mg/L		97	75 - 125	3	20
Copper, Dissolved	0.0030	J	0.200	0.224		mg/L		110	75 - 125	3	20
Iron, Dissolved	0.19		10.0	10.29		mg/L		101	75 - 125	2	20
Lead, Dissolved	ND		0.200	0.201		mg/L		100	75 - 125	3	20
Magnesium, Dissolved	23.8		10.0	35.41		mg/L		116	75 - 125	3	20
Manganese, Dissolved	0.64		0.200	0.870		mg/L		114	75 - 125	3	20
Nickel, Dissolved	0.0049	J	0.200	0.210		mg/L		102	75 - 125	3	20
Potassium, Dissolved	10.2	B	10.0	21.65		mg/L		114	75 - 125	3	20

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

Lab Sample ID: 480-185195-7 MSD — **Client Sample ID: BCC_AREA_C_RFI-20 F_0521**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 583794 — **Prep Batch: 583499**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium, Dissolved	ND		0.200	0.227		mg/L		113	75 - 125	3	20
Silver, Dissolved	ND		0.0500	0.0593		mg/L		119	75 - 125	3	20
Sodium, Dissolved	55.3		10.0	70.31	4	mg/L		150	75 - 125	2	20
Thallium, Dissolved	ND		0.200	0.206		mg/L		103	75 - 125	3	20
Vanadium, Dissolved	0.0016	J	0.200	0.216		mg/L		107	75 - 125	3	20
Zinc, Dissolved	0.019		0.200	0.212		mg/L		97	75 - 125	3	20

Lab Sample ID: 480-185195-7 MSD — **Client Sample ID: BCC_AREA_C_RFI-20 F_0521**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 584409 — **Prep Batch: 583499**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony, Dissolved	ND		0.200	0.237		mg/L		119	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-583704/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583894 — **Prep Batch: 583704**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/03/21 13:44	06/03/21 17:13	1

Lab Sample ID: LCS 480-583704/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583894 — **Prep Batch: 583704**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00687		mg/L		103	80 - 120

Lab Sample ID: 480-185195-2 MS — **Client Sample ID: BCC_AREA_C_MW-C04_MS_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583894 — **Prep Batch: 583704**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00658		mg/L		99	80 - 120

Lab Sample ID: 480-185195-2 MSD — **Client Sample ID: BCC_AREA_C_MW-C04_MSD_0521**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 583894 — **Prep Batch: 583704**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00680		mg/L		102	80 - 120	3	20

Lab Sample ID: MB 480-584004/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 584076 — **Prep Batch: 584004**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		06/04/21 12:50	06/04/21 16:39	1

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

Lab Sample ID: LCS 480-584004/2-A
Matrix: Water
Analysis Batch: 584076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 584004

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury, Dissolved			0.00667	0.00675		mg/L		101	80 - 120		

QC Association Summary

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

Job ID: 480-185195-1

GC/MS VOA

Analysis Batch: 583066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	8260C	
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	8260C	
MB 480-583066/8	Method Blank	Total/NA	Water	8260C	
LCS 480-583066/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 583138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-3	BCC_AREA_C_RFI-20_0521	Total/NA	Water	8260C	
480-185195-4	BCC_AREA_C_PS05A_0521	Total/NA	Water	8260C	
480-185195-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-583138/7	Method Blank	Total/NA	Water	8260C	
LCS 480-583138/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 583307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-5	BCC_AREA_MW-C04 D_0521	Total/NA	Water	8260C	
MB 480-583307/7	Method Blank	Total/NA	Water	8260C	
LCS 480-583307/5	Lab Control Sample	Total/NA	Water	8260C	
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	8260C	
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 582778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	3510C	
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	3510C	
480-185195-3	BCC_AREA_C_RFI-20_0521	Total/NA	Water	3510C	
480-185195-4	BCC_AREA_C_PS05A_0521	Total/NA	Water	3510C	
480-185195-5	BCC_AREA_MW-C04 D_0521	Total/NA	Water	3510C	
MB 480-582778/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-582778/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	3510C	
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	3510C	

Analysis Batch: 583062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	8270D	582778
MB 480-582778/1-A	Method Blank	Total/NA	Water	8270D	582778
LCS 480-582778/2-A	Lab Control Sample	Total/NA	Water	8270D	582778
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	8270D	582778
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	8270D	582778

Analysis Batch: 583437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	8270D	582778
480-185195-3	BCC_AREA_C_RFI-20_0521	Total/NA	Water	8270D	582778
480-185195-4	BCC_AREA_C_PS05A_0521	Total/NA	Water	8270D	582778
480-185195-5	BCC_AREA_MW-C04 D_0521	Total/NA	Water	8270D	582778

QC Association Summary

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

Job ID: 480-185195-1

Metals

Prep Batch: 583088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	3005A	
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	3005A	
480-185195-3	BCC_AREA_C_RFI-20_0521	Total/NA	Water	3005A	
480-185195-4	BCC_AREA_C_PS05A_0521	Total/NA	Water	3005A	
480-185195-5	BCC_AREA_MW-C04 D_0521	Total/NA	Water	3005A	
MB 480-583088/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-583088/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	3005A	
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	3005A	

Prep Batch: 583499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-7	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	3005A	
MB 480-583499/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-583499/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 480-583499/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	
480-185195-7 MS	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	3005A	
480-185195-7 MSD	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	3005A	

Prep Batch: 583704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	7470A	
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	7470A	
480-185195-3	BCC_AREA_C_RFI-20_0521	Total/NA	Water	7470A	
480-185195-4	BCC_AREA_C_PS05A_0521	Total/NA	Water	7470A	
480-185195-5	BCC_AREA_MW-C04 D_0521	Total/NA	Water	7470A	
MB 480-583704/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-583704/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	7470A	
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	7470A	

Analysis Batch: 583792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	6010C	583088
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	6010C	583088
480-185195-3	BCC_AREA_C_RFI-20_0521	Total/NA	Water	6010C	583088
480-185195-4	BCC_AREA_C_PS05A_0521	Total/NA	Water	6010C	583088
480-185195-5	BCC_AREA_MW-C04 D_0521	Total/NA	Water	6010C	583088
MB 480-583088/1-A	Method Blank	Total/NA	Water	6010C	583088
LCS 480-583088/2-A	Lab Control Sample	Total/NA	Water	6010C	583088
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	6010C	583088
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	6010C	583088

Analysis Batch: 583794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-7	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	6010C	583499
MB 480-583499/1-A	Method Blank	Total/NA	Water	6010C	583499
LCS 480-583499/2-A	Lab Control Sample	Total/NA	Water	6010C	583499
LCSD 480-583499/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	583499
480-185195-7 MS	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	6010C	583499
480-185195-7 MSD	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	6010C	583499

QC Association Summary

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

Job ID: 480-185195-1

Metals

Analysis Batch: 583894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	7470A	583704
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	7470A	583704
480-185195-3	BCC_AREA_C_RFI-20_0521	Total/NA	Water	7470A	583704
480-185195-4	BCC_AREA_C_PS05A_0521	Total/NA	Water	7470A	583704
480-185195-5	BCC_AREA_MW-C04 D_0521	Total/NA	Water	7470A	583704
MB 480-583704/1-A	Method Blank	Total/NA	Water	7470A	583704
LCS 480-583704/2-A	Lab Control Sample	Total/NA	Water	7470A	583704
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	7470A	583704
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	7470A	583704

Analysis Batch: 583960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-1	BCC_AREA_C_RFI-31_0521	Total/NA	Water	6010C	583088
480-185195-2	BCC_AREA_C_MW-C04_0521	Total/NA	Water	6010C	583088
480-185195-2 MS	BCC_AREA_C_MW-C04_MS_0521	Total/NA	Water	6010C	583088
480-185195-2 MSD	BCC_AREA_C_MW-C04_MSD_0521	Total/NA	Water	6010C	583088

Analysis Batch: 583973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-583499/1-A	Method Blank	Total/NA	Water	6010C	583499
LCS 480-583499/2-A	Lab Control Sample	Total/NA	Water	6010C	583499
LCSD 480-583499/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	583499

Prep Batch: 584004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-7	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	7470A	
MB 480-584004/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-584004/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 584076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-7	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	7470A	584004
MB 480-584004/1-A	Method Blank	Total/NA	Water	7470A	584004
LCS 480-584004/2-A	Lab Control Sample	Total/NA	Water	7470A	584004

Analysis Batch: 584409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185195-7	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	6010C	583499
480-185195-7 MS	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	6010C	583499
480-185195-7 MSD	BCC_AREA_C_RFI-20 F_0521	Dissolved	Water	6010C	583499

Lab Chronicle

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_RFI-31_0521

Lab Sample ID: 480-185195-1
Date Collected: 05/25/21 10:50
Matrix: Water
Date Received: 05/25/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	583066	05/28/21 21:07	WJD	TAL BUF
Total/NA	Prep	3510C			582778	05/26/21 15:29	ATG	TAL BUF
Total/NA	Analysis	8270D		1	583437	06/01/21 16:39	PJQ	TAL BUF
Total/NA	Prep	3005A			583088	05/28/21 10:21	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583792	06/03/21 03:14	LMH	TAL BUF
Total/NA	Prep	3005A			583088	05/28/21 10:21	ADM	TAL BUF
Total/NA	Analysis	6010C		5	583960	06/03/21 16:46	AMH	TAL BUF
Total/NA	Prep	7470A			583704	06/03/21 13:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583894	06/03/21 17:29	BMB	TAL BUF

Client Sample ID: BCC_AREA_C_MW-C04_0521

Lab Sample ID: 480-185195-2
Date Collected: 05/25/21 08:40
Matrix: Water
Date Received: 05/25/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	583066	05/28/21 21:30	WJD	TAL BUF
Total/NA	Prep	3510C			582778	05/26/21 15:29	ATG	TAL BUF
Total/NA	Analysis	8270D		1	583062	05/28/21 03:59	PJQ	TAL BUF
Total/NA	Prep	3005A			583088	05/28/21 10:21	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583792	06/03/21 03:29	LMH	TAL BUF
Total/NA	Prep	3005A			583088	05/28/21 10:21	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583960	06/03/21 16:50	AMH	TAL BUF
Total/NA	Prep	7470A			583704	06/03/21 13:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583894	06/03/21 17:30	BMB	TAL BUF

Client Sample ID: BCC_AREA_C_RFI-20_0521

Lab Sample ID: 480-185195-3
Date Collected: 05/25/21 12:25
Matrix: Water
Date Received: 05/25/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	583138	05/28/21 19:17	WJD	TAL BUF
Total/NA	Prep	3510C			582778	05/26/21 15:29	ATG	TAL BUF
Total/NA	Analysis	8270D		1	583437	06/01/21 17:06	PJQ	TAL BUF
Total/NA	Prep	3005A			583088	05/28/21 10:21	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583792	06/03/21 03:48	LMH	TAL BUF
Total/NA	Prep	7470A			583704	06/03/21 13:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583894	06/03/21 17:38	BMB	TAL BUF

Client Sample ID: BCC_AREA_C_PS05A_0521

Lab Sample ID: 480-185195-4
Date Collected: 05/25/21 11:55
Matrix: Water
Date Received: 05/25/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	583138	05/28/21 19:40	WJD	TAL BUF

Lab Chronicle

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

Job ID: 480-185195-1

Client Sample ID: BCC_AREA_C_PS05A_0521

Lab Sample ID: 480-185195-4

Date Collected: 05/25/21 11:55
Date Received: 05/25/21 15:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			582778	05/26/21 15:29	ATG	TAL BUF
Total/NA	Analysis	8270D		1	583437	06/01/21 17:32	PJQ	TAL BUF
Total/NA	Prep	3005A			583088	05/28/21 10:21	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583792	06/03/21 03:52	LMH	TAL BUF
Total/NA	Prep	7470A			583704	06/03/21 13:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583894	06/03/21 17:40	BMB	TAL BUF

Client Sample ID: BCC_AREA_MW-C04 D_0521

Lab Sample ID: 480-185195-5

Date Collected: 05/25/21 08:50
Date Received: 05/25/21 15:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	583307	05/29/21 13:22	CRL	TAL BUF
Total/NA	Prep	3510C			582778	05/26/21 15:29	ATG	TAL BUF
Total/NA	Analysis	8270D		1	583437	06/01/21 17:58	PJQ	TAL BUF
Total/NA	Prep	3005A			583088	05/28/21 10:21	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583792	06/03/21 03:56	LMH	TAL BUF
Total/NA	Prep	7470A			583704	06/03/21 13:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583894	06/03/21 17:41	BMB	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-185195-6

Date Collected: 05/25/21 00:00
Date Received: 05/25/21 15:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	583138	05/28/21 20:24	WJD	TAL BUF

Client Sample ID: BCC_AREA_C_RFI-20 F_0521

Lab Sample ID: 480-185195-7

Date Collected: 05/25/21 12:35
Date Received: 05/25/21 15:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			583499	06/02/21 09:11	KMP	TAL BUF
Dissolved	Analysis	6010C		1	583794	06/03/21 08:15	LMH	TAL BUF
Dissolved	Prep	3005A			583499	06/02/21 09:11	KMP	TAL BUF
Dissolved	Analysis	6010C		1	584409	06/07/21 17:08	AMH	TAL BUF
Dissolved	Prep	7470A			584004	06/04/21 12:50	BMB	TAL BUF
Dissolved	Analysis	7470A		1	584076	06/04/21 16:59	BMB	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-185195-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Method Summary

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

Job ID: 480-185195-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Job ID: 480-185195-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-185195-1	BCC_AREA_C_RFI-31_0521	Water	05/25/21 10:50	05/25/21 15:45	
480-185195-2	BCC_AREA_C_MW-C04_0521	Water	05/25/21 08:40	05/25/21 15:45	
480-185195-3	BCC_AREA_C_RFI-20_0521	Water	05/25/21 12:25	05/25/21 15:45	
480-185195-4	BCC_AREA_C_PS05A_0521	Water	05/25/21 11:55	05/25/21 15:45	
480-185195-5	BCC_AREA_MW-C04 D_0521	Water	05/25/21 08:50	05/25/21 15:45	
480-185195-6	TRIP BLANK	Water	05/25/21 00:00	05/25/21 15:45	
480-185195-7	BCC_AREA_C_RFI-20 F_0521	Water	05/25/21 12:35	05/25/21 15:45	

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 5-25-21	COC No 480-158658-6265-1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			
(716) 842-1785 FAX	[x] 2 weeks			SDG No.
Project Name: Buffalo Color GWTF Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 64036	[ ] 1 day			

480-185195 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals	8270C - (MOD) TLC SVOA - 4.2 list +naaline	Special Instructions/QC Requirements & Comments:
~~BCC_Area C_MW-C01_ 0521~~			G	W	6	N	3	1	2	
BCC_Area C_RFI-31_ 0521	5/25-21	1050	G	W	6	N	3	1	2	
~~BCC_Area C_TB-04_ 0~~			G	W	6	N	3	1	2	
BCC_Area C_MW-C04_ 0521	5/25-21	840	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_ 0521	5/25-21	1225	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_ 0521	5/25-21	1155	G	W	6	N	3	1	2	
~~BCC_Area C_TB-06_~~			G	W	6	N	3	1	2	
BCC_Area C_ MW-C04 D_0521	5/25-21	850	G	W	6	N	3	1	2	
BCC_Area C_ MW-C04 MS_0521	5/25-21	900	G	W	6	N	3	1	2	
BCC_Area C_ MW-C04 MSD_0521	5/25-21	910	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
						Container Volume (mL)	40	250	250	
						Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____	2	4	1	

Tic Notes:

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

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

Special Instructions/QC Requirements & Comments:
* BCC_AREAC_RFI-20F_0521 | 1235 | G | W | 1 | Y

3.6 #1 ICK

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	5/25-21 1545			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
				TAL	5/25/21 1545

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-185195-1

Login Number: 185195

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-188171-1
Client Project/Site: Buffalo Color GWTF Area C Wells
Sampling Event: Buffalo Color Area C Wells

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

Attn: Kirsten Colligan

Authorized for release by:
8/24/2021 2:38:03 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high 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.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-188171-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-188171-1

Comments
No additional comments.

Receipt
The samples were received on 8/10/2021 4:30 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 was 3.8º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BCC Area C_RFI-31_0821 (480-188171-1) and BCC Area C_PS-05A_0821 (480-188171-4). 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 C_MW-C04_0821 (480-188171-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-592562 recovered outside acceptance criteria, low biased, for Methyl tert-butyl ether. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8260C: The Laboratory Control Sample (LCS) was outside laboratory/project quality control limits by 3% for the following analyte: Methyl tert-butyl ether. All other spike recoveries and quality control indicators, including sample specific surrogate recoveries, were acceptable. A reporting limit (RL) standard was analyzed, and the target analyte was detected. The following samples are impacted: BCC Area C_RFI-31_0821 (480-188171-1), BCC Area C_MW-C04_0821 (480-188171-2), BCC Area C_RFI-20_D_0821 (480-188171-3), BCC Area C_PS-05A_0821 (480-188171-4), BCC Area C_RFI-20_0821 (480-188171-5) and TRIP BLANK (480-188171-6).

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 continuing calibration verification (CCV) associated with batch 480-592996 recovered outside acceptance criteria, low biased, for multiple analytes. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: BCC Area C_RFI-31_0821 (480-188171-1). These results have been reported and qualified.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-593070 recovered outside acceptance criteria, low biased, for 2,2'-oxybis[1-chloropropane], 2,4-Dinitrophenol, Hexachlorocyclopentadiene and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-593404 recovered outside acceptance criteria, low biased, for 2,2'-oxybis[1-chloropropane], 2,4-Dinitrophenol, Hexachlorocyclopentadiene and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-593315 and analytical batch 480-593404 recovered outside control limits for the following analytes: Chrysene.

Method 8270D: Surrogate recovery for the following sample was outside control limits: BCC Area C_PS-05A_0821 (480-188171-4). Re-extraction and/or re-analysis was performed outside of holding time with acceptable results.

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

Job ID: 480-188171-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

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

Organic Prep
Method 3510C: The following sample was re-prepared outside of preparation holding time due to surrogate failure: BCC Area C_PS-05A_0821 (480-188171-4). Both sets of data are reported.

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

Detection Summary

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-31_0821 — Lab Sample ID: 480-188171-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	85		5.0	2.1	ug/L	5		8260C	Total/NA
1,2-Dichlorobenzene	6.8		5.0	4.0	ug/L	5		8260C	Total/NA
1,3-Dichlorobenzene	190		5.0	3.9	ug/L	5		8260C	Total/NA
1,4-Dichlorobenzene	42		5.0	4.2	ug/L	5		8260C	Total/NA
Chlorobenzene	34		5.0	3.8	ug/L	5		8260C	Total/NA
2,4,5-Trichlorophenol	1.3	J	5.0	0.48	ug/L	1		8270D	Total/NA
2,4-Dichlorophenol	1.6	J	5.0	0.51	ug/L	1		8270D	Total/NA
Barium	0.017		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	287		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0035	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.12		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	23.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.036		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0023	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	356		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.015	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C_MW-C04_0821 — Lab Sample ID: 480-188171-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	8.0		8.0	6.2	ug/L	8		8260C	Total/NA
1,4-Dichlorobenzene	14		8.0	6.7	ug/L	8		8260C	Total/NA
Chlorobenzene	85		8.0	6.0	ug/L	8		8260C	Total/NA
Di-n-butyl phthalate	0.41	J	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.14		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	249		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0020	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	10.6		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	33.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.3		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	12.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	118		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.025	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C_RFI-20_D_0821 — Lab Sample ID: 480-188171-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.0	J	10	3.0	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.35	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.089	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0095	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.083		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00055	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	280		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0020	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0025	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	8.2		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.81		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.7		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area C_RFI-20_D_0821 (Continued) — Lab Sample ID: 480-188171-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	64.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.14	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C_PS-05A_0821 — Lab Sample ID: 480-188171-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	3.5		2.0	1.6	ug/L	2		8260C	Total/NA
Chlorobenzene	160		2.0	1.5	ug/L	2		8260C	Total/NA
Diethyl phthalate - RE	0.45	J H B	5.0	0.22	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate - RE	0.35	J H	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.074	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.11		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.078		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	172		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0022	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	32.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.11		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0042	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	86.7		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0063	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BCC Area C_RFI-20_0821 — Lab Sample ID: 480-188171-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.7	J	10	3.0	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.33	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.093	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0092	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.082		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00053	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	292		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0021	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0030	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	7.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	17.6	F1	0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.84		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	64.4		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0015	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.13	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-188171-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-31_0821

Date Collected: 08/10/21 13:50
Date Received: 08/10/21 16:30

Lab Sample ID: 480-188171-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			08/12/21 05:16	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			08/12/21 05:16	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			08/12/21 05:16	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			08/12/21 05:16	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			08/12/21 05:16	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			08/12/21 05:16	5
1,2,4-Trichlorobenzene	**85**		5.0	2.1	ug/L			08/12/21 05:16	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			08/12/21 05:16	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			08/12/21 05:16	5
1,2-Dichlorobenzene	**6.8**		5.0	4.0	ug/L			08/12/21 05:16	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			08/12/21 05:16	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			08/12/21 05:16	5
1,3-Dichlorobenzene	**190**		5.0	3.9	ug/L			08/12/21 05:16	5
1,4-Dichlorobenzene	**42**		5.0	4.2	ug/L			08/12/21 05:16	5
2-Butanone (MEK)	ND		50	6.6	ug/L			08/12/21 05:16	5
2-Hexanone	ND		25	6.2	ug/L			08/12/21 05:16	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			08/12/21 05:16	5
Acetone	ND		50	15	ug/L			08/12/21 05:16	5
Benzene	ND		5.0	2.1	ug/L			08/12/21 05:16	5
Bromodichloromethane	ND		5.0	2.0	ug/L			08/12/21 05:16	5
Bromoform	ND		5.0	1.3	ug/L			08/12/21 05:16	5
Bromomethane	ND		5.0	3.5	ug/L			08/12/21 05:16	5
Carbon disulfide	ND		5.0	0.95	ug/L			08/12/21 05:16	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			08/12/21 05:16	5
Chlorobenzene	**34**		5.0	3.8	ug/L			08/12/21 05:16	5
Chloroethane	ND		5.0	1.6	ug/L			08/12/21 05:16	5
Chloroform	ND		5.0	1.7	ug/L			08/12/21 05:16	5
Chloromethane	ND		5.0	1.8	ug/L			08/12/21 05:16	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			08/12/21 05:16	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			08/12/21 05:16	5
Cyclohexane	ND		5.0	0.90	ug/L			08/12/21 05:16	5
Dibromochloromethane	ND		5.0	1.6	ug/L			08/12/21 05:16	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			08/12/21 05:16	5
Ethylbenzene	ND		5.0	3.7	ug/L			08/12/21 05:16	5
Isopropylbenzene	ND		5.0	4.0	ug/L			08/12/21 05:16	5
Methyl acetate	ND		13	6.5	ug/L			08/12/21 05:16	5
Methyl tert-butyl ether	ND	*-	5.0	0.80	ug/L			08/12/21 05:16	5
Methylcyclohexane	ND		5.0	0.80	ug/L			08/12/21 05:16	5
Methylene Chloride	ND		5.0	2.2	ug/L			08/12/21 05:16	5
Styrene	ND		5.0	3.7	ug/L			08/12/21 05:16	5
Tetrachloroethene	ND		5.0	1.8	ug/L			08/12/21 05:16	5
Toluene	ND		5.0	2.6	ug/L			08/12/21 05:16	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			08/12/21 05:16	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			08/12/21 05:16	5
Trichloroethene	ND		5.0	2.3	ug/L			08/12/21 05:16	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			08/12/21 05:16	5
Vinyl chloride	ND		5.0	4.5	ug/L			08/12/21 05:16	5
Xylenes, Total	ND		10	3.3	ug/L			08/12/21 05:16	5

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-31_0821

Date Collected: 08/10/21 13:50
Date Received: 08/10/21 16:30

Lab Sample ID: 480-188171-1

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/12/21 05:16*	*5*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*08/12/21 05:16*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/12/21 05:16*	*5*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/12/21 05:16*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	**1.3**	**J**	5.0	0.48	ug/L		08/12/21 16:25	08/16/21 17:52	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/12/21 16:25	08/16/21 17:52	1
2,4-Dichlorophenol	**1.6**	**J**	5.0	0.51	ug/L		08/12/21 16:25	08/16/21 17:52	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/12/21 16:25	08/16/21 17:52	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 17:52	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 17:52	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 17:52	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 17:52	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/12/21 16:25	08/16/21 17:52	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/12/21 16:25	08/16/21 17:52	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 17:52	1
2-Nitroaniline	ND		10	0.42	ug/L		08/12/21 16:25	08/16/21 17:52	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/16/21 17:52	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 17:52	1
3-Nitroaniline	ND		10	0.48	ug/L		08/12/21 16:25	08/16/21 17:52	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 17:52	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 17:52	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 17:52	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 17:52	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 17:52	1
4-Methylphenol	ND		10	0.36	ug/L		08/12/21 16:25	08/16/21 17:52	1
4-Nitroaniline	ND		10	0.25	ug/L		08/12/21 16:25	08/16/21 17:52	1
4-Nitrophenol	ND		10	1.5	ug/L		08/12/21 16:25	08/16/21 17:52	1
Acenaphthene	ND		5.0	0.41	ug/L		08/12/21 16:25	08/16/21 17:52	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/12/21 16:25	08/16/21 17:52	1
Acetophenone	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 17:52	1
Aniline	ND		10	0.61	ug/L		08/12/21 16:25	08/16/21 17:52	1
Anthracene	ND		5.0	0.28	ug/L		08/12/21 16:25	08/16/21 17:52	1
Atrazine	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 17:52	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/12/21 16:25	08/16/21 17:52	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 17:52	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 17:52	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 17:52	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 17:52	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/12/21 16:25	08/16/21 17:52	1
Biphenyl	ND		5.0	0.65	ug/L		08/12/21 16:25	08/16/21 17:52	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/12/21 16:25	08/16/21 17:52	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 17:52	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 17:52	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 17:52	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/12/21 16:25	08/16/21 17:52	1
Caprolactam	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 17:52	1
Carbazole	ND		5.0	0.30	ug/L		08/12/21 16:25	08/16/21 17:52	1

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-31_0821

Lab Sample ID: 480-188171-1

Date Collected: 08/10/21 13:50
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/12/21 16:25	08/16/21 17:52	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/12/21 16:25	08/16/21 17:52	1
Dibenzofuran	ND		10	0.51	ug/L		08/12/21 16:25	08/16/21 17:52	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/12/21 16:25	08/16/21 17:52	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 17:52	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/12/21 16:25	08/16/21 17:52	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 17:52	1
Fluoranthene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 17:52	1
Fluorene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 17:52	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 17:52	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/12/21 16:25	08/16/21 17:52	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 17:52	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 17:52	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 17:52	1
Isophorone	ND		5.0	0.43	ug/L		08/12/21 16:25	08/16/21 17:52	1
Naphthalene	ND		5.0	0.76	ug/L		08/12/21 16:25	08/16/21 17:52	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/12/21 16:25	08/16/21 17:52	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 17:52	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 17:52	1
Pentachlorophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 17:52	1
Phenanthrene	ND		5.0	0.44	ug/L		08/12/21 16:25	08/16/21 17:52	1
Phenol	ND		5.0	0.39	ug/L		08/12/21 16:25	08/16/21 17:52	1
Pyrene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*121*	*S1+*	*41 - 120*	*08/12/21 16:25*	*08/16/21 17:52*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*08/12/21 16:25*	*08/16/21 17:52*	*1*
2-Fluorophenol	*65*		*35 - 120*	*08/12/21 16:25*	*08/16/21 17:52*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*08/12/21 16:25*	*08/16/21 17:52*	*1*
Phenol-d5	*50*		*22 - 120*	*08/12/21 16:25*	*08/16/21 17:52*	*1*
p-Terphenyl-d14	*96*		*60 - 148*	*08/12/21 16:25*	*08/16/21 17:52*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/12/21 09:10	08/12/21 16:53	1
Antimony	ND		0.020	0.0068	mg/L		08/12/21 09:10	08/12/21 16:53	1
Arsenic	ND		0.015	0.0056	mg/L		08/12/21 09:10	08/12/21 16:53	1
Barium	**0.017**		0.0020	0.00070	mg/L		08/12/21 09:10	08/12/21 16:53	1
Beryllium	ND		0.0020	0.00030	mg/L		08/12/21 09:10	08/12/21 16:53	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/21 09:10	08/13/21 14:18	1
Calcium	**287**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 16:53	1
Chromium	ND		0.0040	0.0010	mg/L		08/12/21 09:10	08/12/21 16:53	1
Cobalt	ND		0.0040	0.00063	mg/L		08/12/21 09:10	08/12/21 16:53	1
Copper	**0.0035**	**J**	0.010	0.0016	mg/L		08/12/21 09:10	08/12/21 16:53	1
Iron	**0.12**		0.050	0.019	mg/L		08/12/21 09:10	08/12/21 16:53	1
Lead	ND		0.010	0.0030	mg/L		08/12/21 09:10	08/12/21 16:53	1
Magnesium	**23.3**		0.20	0.043	mg/L		08/12/21 09:10	08/12/21 16:53	1
Manganese	**0.036**		0.0030	0.00040	mg/L		08/12/21 09:10	08/12/21 16:53	1
Nickel	**0.0023**	**J**	0.010	0.0013	mg/L		08/12/21 09:10	08/12/21 16:53	1
Potassium	**8.7**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 16:53	1

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-31_0821

Lab Sample ID: 480-188171-1

Date Collected: 08/10/21 13:50

Matrix: Ground Water

Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/12/21 09:10	08/12/21 16:53	1
Silver	ND		0.0060	0.0017	mg/L		08/12/21 09:10	08/12/21 16:53	1
Sodium	**356**		1.0	0.32	mg/L		08/12/21 09:10	08/13/21 14:22	1
Thallium	ND		0.020	0.010	mg/L		08/12/21 09:10	08/12/21 16:53	1
Vanadium	ND		0.0050	0.0015	mg/L		08/12/21 09:10	08/12/21 16:53	1
Zinc	**0.015**	**B**	0.010	0.0015	mg/L		08/12/21 09:10	08/12/21 16:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		08/12/21 13:25	08/12/21 17:31	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_MW-C04_0821

Lab Sample ID: 480-188171-2

Date Collected: 08/10/21 08:30
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			08/12/21 05:39	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			08/12/21 05:39	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			08/12/21 05:39	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			08/12/21 05:39	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			08/12/21 05:39	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			08/12/21 05:39	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			08/12/21 05:39	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			08/12/21 05:39	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			08/12/21 05:39	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			08/12/21 05:39	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			08/12/21 05:39	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			08/12/21 05:39	8
1,3-Dichlorobenzene	**8.0**		8.0	6.2	ug/L			08/12/21 05:39	8
1,4-Dichlorobenzene	**14**		8.0	6.7	ug/L			08/12/21 05:39	8
2-Butanone (MEK)	ND		80	11	ug/L			08/12/21 05:39	8
2-Hexanone	ND		40	9.9	ug/L			08/12/21 05:39	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			08/12/21 05:39	8
Acetone	ND		80	24	ug/L			08/12/21 05:39	8
Benzene	ND		8.0	3.3	ug/L			08/12/21 05:39	8
Bromodichloromethane	ND		8.0	3.1	ug/L			08/12/21 05:39	8
Bromoform	ND		8.0	2.1	ug/L			08/12/21 05:39	8
Bromomethane	ND		8.0	5.5	ug/L			08/12/21 05:39	8
Carbon disulfide	ND		8.0	1.5	ug/L			08/12/21 05:39	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			08/12/21 05:39	8
Chlorobenzene	**85**		8.0	6.0	ug/L			08/12/21 05:39	8
Chloroethane	ND		8.0	2.6	ug/L			08/12/21 05:39	8
Chloroform	ND		8.0	2.7	ug/L			08/12/21 05:39	8
Chloromethane	ND		8.0	2.8	ug/L			08/12/21 05:39	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			08/12/21 05:39	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			08/12/21 05:39	8
Cyclohexane	ND		8.0	1.4	ug/L			08/12/21 05:39	8
Dibromochloromethane	ND		8.0	2.6	ug/L			08/12/21 05:39	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			08/12/21 05:39	8
Ethylbenzene	ND		8.0	5.9	ug/L			08/12/21 05:39	8
Isopropylbenzene	ND		8.0	6.3	ug/L			08/12/21 05:39	8
Methyl acetate	ND		20	10	ug/L			08/12/21 05:39	8
Methyl tert-butyl ether	ND	*-	8.0	1.3	ug/L			08/12/21 05:39	8
Methylcyclohexane	ND		8.0	1.3	ug/L			08/12/21 05:39	8
Methylene Chloride	ND		8.0	3.5	ug/L			08/12/21 05:39	8
Styrene	ND		8.0	5.8	ug/L			08/12/21 05:39	8
Tetrachloroethene	ND		8.0	2.9	ug/L			08/12/21 05:39	8
Toluene	ND		8.0	4.1	ug/L			08/12/21 05:39	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			08/12/21 05:39	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			08/12/21 05:39	8
Trichloroethene	ND		8.0	3.7	ug/L			08/12/21 05:39	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			08/12/21 05:39	8
Vinyl chloride	ND		8.0	7.2	ug/L			08/12/21 05:39	8
Xylenes, Total	ND		16	5.3	ug/L			08/12/21 05:39	8

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_MW-C04_0821

Lab Sample ID: 480-188171-2

Date Collected: 08/10/21 08:30
Matrix: Ground Water
Date Received: 08/10/21 16:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/12/21 05:39*	*8*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*08/12/21 05:39*	*8*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/12/21 05:39*	*8*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*08/12/21 05:39*	*8*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/16/21 18:19	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/12/21 16:25	08/16/21 18:19	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 18:19	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/12/21 16:25	08/16/21 18:19	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 18:19	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 18:19	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:19	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 18:19	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/12/21 16:25	08/16/21 18:19	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/12/21 16:25	08/16/21 18:19	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:19	1
2-Nitroaniline	ND		10	0.42	ug/L		08/12/21 16:25	08/16/21 18:19	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/16/21 18:19	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:19	1
3-Nitroaniline	ND		10	0.48	ug/L		08/12/21 16:25	08/16/21 18:19	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 18:19	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 18:19	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 18:19	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 18:19	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 18:19	1
4-Methylphenol	ND		10	0.36	ug/L		08/12/21 16:25	08/16/21 18:19	1
4-Nitroaniline	ND		10	0.25	ug/L		08/12/21 16:25	08/16/21 18:19	1
4-Nitrophenol	ND		10	1.5	ug/L		08/12/21 16:25	08/16/21 18:19	1
Acenaphthene	ND		5.0	0.41	ug/L		08/12/21 16:25	08/16/21 18:19	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/12/21 16:25	08/16/21 18:19	1
Acetophenone	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 18:19	1
Aniline	ND		10	0.61	ug/L		08/12/21 16:25	08/16/21 18:19	1
Anthracene	ND		5.0	0.28	ug/L		08/12/21 16:25	08/16/21 18:19	1
Atrazine	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 18:19	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/12/21 16:25	08/16/21 18:19	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 18:19	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 18:19	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 18:19	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 18:19	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/12/21 16:25	08/16/21 18:19	1
Biphenyl	ND		5.0	0.65	ug/L		08/12/21 16:25	08/16/21 18:19	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/12/21 16:25	08/16/21 18:19	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 18:19	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 18:19	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/12/21 16:25	08/16/21 18:19	1
Caprolactam	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 18:19	1
Carbazole	ND		5.0	0.30	ug/L		08/12/21 16:25	08/16/21 18:19	1

Client Sample ID: BCC Area C_MW-C04_0821

Lab Sample ID: 480-188171-2

Date Collected: 08/10/21 08:30

Matrix: Ground Water

Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/12/21 16:25	08/16/21 18:19	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/12/21 16:25	08/16/21 18:19	1
Dibenzofuran	ND		10	0.51	ug/L		08/12/21 16:25	08/16/21 18:19	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/12/21 16:25	08/16/21 18:19	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 18:19	1
Di-n-butyl phthalate	**0.41**	**J**	5.0	0.31	ug/L		08/12/21 16:25	08/16/21 18:19	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 18:19	1
Fluoranthene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:19	1
Fluorene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 18:19	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 18:19	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/12/21 16:25	08/16/21 18:19	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 18:19	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 18:19	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 18:19	1
Isophorone	ND		5.0	0.43	ug/L		08/12/21 16:25	08/16/21 18:19	1
Naphthalene	ND		5.0	0.76	ug/L		08/12/21 16:25	08/16/21 18:19	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/12/21 16:25	08/16/21 18:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 18:19	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 18:19	1
Pentachlorophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 18:19	1
Phenanthrene	ND		5.0	0.44	ug/L		08/12/21 16:25	08/16/21 18:19	1
Phenol	ND		5.0	0.39	ug/L		08/12/21 16:25	08/16/21 18:19	1
Pyrene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*95*		*41 - 120*	*08/12/21 16:25*	*08/16/21 18:19*	*1*
2-Fluorobiphenyl	*94*		*48 - 120*	*08/12/21 16:25*	*08/16/21 18:19*	*1*
2-Fluorophenol	*56*		*35 - 120*	*08/12/21 16:25*	*08/16/21 18:19*	*1*
Nitrobenzene-d5	*72*		*46 - 120*	*08/12/21 16:25*	*08/16/21 18:19*	*1*
Phenol-d5	*42*		*22 - 120*	*08/12/21 16:25*	*08/16/21 18:19*	*1*
p-Terphenyl-d14	*85*		*60 - 148*	*08/12/21 16:25*	*08/16/21 18:19*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/12/21 09:10	08/12/21 16:57	1
Antimony	ND		0.020	0.0068	mg/L		08/12/21 09:10	08/12/21 16:57	1
Arsenic	ND		0.015	0.0056	mg/L		08/12/21 09:10	08/12/21 16:57	1
Barium	**0.14**		0.0020	0.00070	mg/L		08/12/21 09:10	08/12/21 16:57	1
Beryllium	ND		0.0020	0.00030	mg/L		08/12/21 09:10	08/12/21 16:57	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/21 09:10	08/13/21 14:26	1
Calcium	**249**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 16:57	1
Chromium	ND		0.0040	0.0010	mg/L		08/12/21 09:10	08/12/21 16:57	1
Cobalt	ND		0.0040	0.00063	mg/L		08/12/21 09:10	08/12/21 16:57	1
Copper	**0.0020**	**J**	0.010	0.0016	mg/L		08/12/21 09:10	08/12/21 16:57	1
Iron	**10.6**		0.050	0.019	mg/L		08/12/21 09:10	08/12/21 16:57	1
Lead	ND		0.010	0.0030	mg/L		08/12/21 09:10	08/12/21 16:57	1
Magnesium	**33.9**		0.20	0.043	mg/L		08/12/21 09:10	08/12/21 16:57	1
Manganese	**1.3**		0.0030	0.00040	mg/L		08/12/21 09:10	08/12/21 16:57	1
Nickel	ND		0.010	0.0013	mg/L		08/12/21 09:10	08/12/21 16:57	1
Potassium	**12.3**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 16:57	1

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_MW-C04_0821

Lab Sample ID: 480-188171-2

Date Collected: 08/10/21 08:30

Matrix: Ground Water

Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/12/21 09:10	08/12/21 16:57	1
Silver	ND		0.0060	0.0017	mg/L		08/12/21 09:10	08/12/21 16:57	1
Sodium	**118**		1.0	0.32	mg/L		08/12/21 09:10	08/12/21 16:57	1
Thallium	ND		0.020	0.010	mg/L		08/12/21 09:10	08/12/21 16:57	1
Vanadium	ND		0.0050	0.0015	mg/L		08/12/21 09:10	08/12/21 16:57	1
Zinc	**0.025**	**B**	0.010	0.0015	mg/L		08/12/21 09:10	08/12/21 16:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		08/12/21 13:25	08/12/21 17:32	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_D_0821

Lab Sample ID: 480-188171-3

Date Collected: 08/10/21 10:10
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/21 06:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/21 06:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/21 06:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/21 06:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/21 06:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/21 06:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/21 06:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/21 06:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/21 06:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/21 06:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/21 06:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/21 06:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/21 06:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/21 06:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/21 06:02	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/21 06:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/21 06:02	1
Acetone	**6.0**	**J**	10	3.0	ug/L			08/12/21 06:02	1
Benzene	ND		1.0	0.41	ug/L			08/12/21 06:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/21 06:02	1
Bromoform	ND		1.0	0.26	ug/L			08/12/21 06:02	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/21 06:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/21 06:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/21 06:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/21 06:02	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/21 06:02	1
Chloroform	ND		1.0	0.34	ug/L			08/12/21 06:02	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/21 06:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/21 06:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/21 06:02	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/21 06:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/21 06:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/21 06:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/21 06:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/21 06:02	1
Methyl acetate	ND		2.5	1.3	ug/L			08/12/21 06:02	1
Methyl tert-butyl ether	ND	*-	1.0	0.16	ug/L			08/12/21 06:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/21 06:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/21 06:02	1
Styrene	ND		1.0	0.73	ug/L			08/12/21 06:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/21 06:02	1
Toluene	ND		1.0	0.51	ug/L			08/12/21 06:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/21 06:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/21 06:02	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/21 06:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/21 06:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/21 06:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/21 06:02	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_D_0821

Lab Sample ID: 480-188171-3

Date Collected: 08/10/21 10:10
Date Received: 08/10/21 16:30

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/12/21 06:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*08/12/21 06:02*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/12/21 06:02*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*08/12/21 06:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/16/21 18:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/12/21 16:25	08/16/21 18:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 18:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/12/21 16:25	08/16/21 18:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 18:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 18:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 18:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/12/21 16:25	08/16/21 18:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/12/21 16:25	08/16/21 18:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:46	1
2-Nitroaniline	ND		10	0.42	ug/L		08/12/21 16:25	08/16/21 18:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/16/21 18:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:46	1
3-Nitroaniline	ND		10	0.48	ug/L		08/12/21 16:25	08/16/21 18:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 18:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 18:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 18:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 18:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 18:46	1
4-Methylphenol	ND		10	0.36	ug/L		08/12/21 16:25	08/16/21 18:46	1
4-Nitroaniline	ND		10	0.25	ug/L		08/12/21 16:25	08/16/21 18:46	1
4-Nitrophenol	ND		10	1.5	ug/L		08/12/21 16:25	08/16/21 18:46	1
Acenaphthene	ND		5.0	0.41	ug/L		08/12/21 16:25	08/16/21 18:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/12/21 16:25	08/16/21 18:46	1
Acetophenone	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 18:46	1
Aniline	ND		10	0.61	ug/L		08/12/21 16:25	08/16/21 18:46	1
Anthracene	ND		5.0	0.28	ug/L		08/12/21 16:25	08/16/21 18:46	1
Atrazine	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 18:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/12/21 16:25	08/16/21 18:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 18:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 18:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 18:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 18:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/12/21 16:25	08/16/21 18:46	1
Biphenyl	ND		5.0	0.65	ug/L		08/12/21 16:25	08/16/21 18:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/12/21 16:25	08/16/21 18:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 18:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 18:46	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/12/21 16:25	08/16/21 18:46	1
Caprolactam	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 18:46	1
Carbazole	ND		5.0	0.30	ug/L		08/12/21 16:25	08/16/21 18:46	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_D_0821

Lab Sample ID: 480-188171-3

Date Collected: 08/10/21 10:10
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/12/21 16:25	08/16/21 18:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/12/21 16:25	08/16/21 18:46	1
Dibenzofuran	ND		10	0.51	ug/L		08/12/21 16:25	08/16/21 18:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/12/21 16:25	08/16/21 18:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 18:46	1
Di-n-butyl phthalate	**0.35**	**J**	5.0	0.31	ug/L		08/12/21 16:25	08/16/21 18:46	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 18:46	1
Fluoranthene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 18:46	1
Fluorene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 18:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 18:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/12/21 16:25	08/16/21 18:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 18:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 18:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 18:46	1
Isophorone	ND		5.0	0.43	ug/L		08/12/21 16:25	08/16/21 18:46	1
Naphthalene	ND		5.0	0.76	ug/L		08/12/21 16:25	08/16/21 18:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/12/21 16:25	08/16/21 18:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 18:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 18:46	1
Pentachlorophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 18:46	1
Phenanthrene	ND		5.0	0.44	ug/L		08/12/21 16:25	08/16/21 18:46	1
Phenol	ND		5.0	0.39	ug/L		08/12/21 16:25	08/16/21 18:46	1
Pyrene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*41 - 120*	*08/12/21 16:25*	*08/16/21 18:46*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*08/12/21 16:25*	*08/16/21 18:46*	*1*
2-Fluorophenol	*58*		*35 - 120*	*08/12/21 16:25*	*08/16/21 18:46*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*08/12/21 16:25*	*08/16/21 18:46*	*1*
Phenol-d5	*42*		*22 - 120*	*08/12/21 16:25*	*08/16/21 18:46*	*1*
p-Terphenyl-d14	*93*		*60 - 148*	*08/12/21 16:25*	*08/16/21 18:46*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.089**	**J**	0.20	0.060	mg/L		08/12/21 09:10	08/12/21 17:12	1
Antimony	ND		0.020	0.0068	mg/L		08/12/21 09:10	08/12/21 17:12	1
Arsenic	**0.0095**	**J**	0.015	0.0056	mg/L		08/12/21 09:10	08/12/21 17:12	1
Barium	**0.083**		0.0020	0.00070	mg/L		08/12/21 09:10	08/12/21 17:12	1
Beryllium	ND		0.0020	0.00030	mg/L		08/12/21 09:10	08/12/21 17:12	1
Cadmium	**0.00055**	**J**	0.0020	0.00050	mg/L		08/12/21 09:10	08/13/21 14:30	1
Calcium	**280**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 17:12	1
Chromium	ND		0.0040	0.0010	mg/L		08/12/21 09:10	08/12/21 17:12	1
Cobalt	**0.0020**	**J**	0.0040	0.00063	mg/L		08/12/21 09:10	08/12/21 17:12	1
Copper	**0.0025**	**J**	0.010	0.0016	mg/L		08/12/21 09:10	08/12/21 17:12	1
Iron	**8.2**		0.050	0.019	mg/L		08/12/21 09:10	08/12/21 17:12	1
Lead	ND		0.010	0.0030	mg/L		08/12/21 09:10	08/12/21 17:12	1
Magnesium	**17.8**		0.20	0.043	mg/L		08/12/21 09:10	08/12/21 17:12	1
Manganese	**0.81**		0.0030	0.00040	mg/L		08/12/21 09:10	08/12/21 17:12	1
Nickel	**0.011**		0.010	0.0013	mg/L		08/12/21 09:10	08/12/21 17:12	1
Potassium	**11.7**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 17:12	1

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_D_0821

Lab Sample ID: 480-188171-3

Date Collected: 08/10/21 10:10

Matrix: Ground Water

Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/12/21 09:10	08/12/21 17:12	1
Silver	ND		0.0060	0.0017	mg/L		08/12/21 09:10	08/12/21 17:12	1
Sodium	**64.8**		1.0	0.32	mg/L		08/12/21 09:10	08/12/21 17:12	1
Thallium	ND		0.020	0.010	mg/L		08/12/21 09:10	08/12/21 17:12	1
Vanadium	ND		0.0050	0.0015	mg/L		08/12/21 09:10	08/12/21 17:12	1
Zinc	**0.14**	**B**	0.010	0.0015	mg/L		08/12/21 09:10	08/12/21 17:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		08/12/21 13:25	08/12/21 17:39	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_PS-05A_0821

Lab Sample ID: 480-188171-4

Date Collected: 08/10/21 11:30
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			08/12/21 06:25	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			08/12/21 06:25	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			08/12/21 06:25	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			08/12/21 06:25	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			08/12/21 06:25	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			08/12/21 06:25	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			08/12/21 06:25	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			08/12/21 06:25	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			08/12/21 06:25	2
1,2-Dichlorobenzene	**3.5**		2.0	1.6	ug/L			08/12/21 06:25	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			08/12/21 06:25	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			08/12/21 06:25	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			08/12/21 06:25	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			08/12/21 06:25	2
2-Butanone (MEK)	ND		20	2.6	ug/L			08/12/21 06:25	2
2-Hexanone	ND		10	2.5	ug/L			08/12/21 06:25	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			08/12/21 06:25	2
Acetone	ND		20	6.0	ug/L			08/12/21 06:25	2
Benzene	ND		2.0	0.82	ug/L			08/12/21 06:25	2
Bromodichloromethane	ND		2.0	0.78	ug/L			08/12/21 06:25	2
Bromoform	ND		2.0	0.52	ug/L			08/12/21 06:25	2
Bromomethane	ND		2.0	1.4	ug/L			08/12/21 06:25	2
Carbon disulfide	ND		2.0	0.38	ug/L			08/12/21 06:25	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			08/12/21 06:25	2
Chlorobenzene	**160**		2.0	1.5	ug/L			08/12/21 06:25	2
Chloroethane	ND		2.0	0.64	ug/L			08/12/21 06:25	2
Chloroform	ND		2.0	0.68	ug/L			08/12/21 06:25	2
Chloromethane	ND		2.0	0.70	ug/L			08/12/21 06:25	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			08/12/21 06:25	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			08/12/21 06:25	2
Cyclohexane	ND		2.0	0.36	ug/L			08/12/21 06:25	2
Dibromochloromethane	ND		2.0	0.64	ug/L			08/12/21 06:25	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			08/12/21 06:25	2
Ethylbenzene	ND		2.0	1.5	ug/L			08/12/21 06:25	2
Isopropylbenzene	ND		2.0	1.6	ug/L			08/12/21 06:25	2
Methyl acetate	ND		5.0	2.6	ug/L			08/12/21 06:25	2
Methyl tert-butyl ether	ND	*-	2.0	0.32	ug/L			08/12/21 06:25	2
Methylcyclohexane	ND		2.0	0.32	ug/L			08/12/21 06:25	2
Methylene Chloride	ND		2.0	0.88	ug/L			08/12/21 06:25	2
Styrene	ND		2.0	1.5	ug/L			08/12/21 06:25	2
Tetrachloroethene	ND		2.0	0.72	ug/L			08/12/21 06:25	2
Toluene	ND		2.0	1.0	ug/L			08/12/21 06:25	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			08/12/21 06:25	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			08/12/21 06:25	2
Trichloroethene	ND		2.0	0.92	ug/L			08/12/21 06:25	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			08/12/21 06:25	2
Vinyl chloride	ND		2.0	1.8	ug/L			08/12/21 06:25	2
Xylenes, Total	ND		4.0	1.3	ug/L			08/12/21 06:25	2

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_PS-05A_0821

Lab Sample ID: 480-188171-4

Date Collected: 08/10/21 11:30
Matrix: Ground Water
Date Received: 08/10/21 16:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/12/21 06:25*	*2*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*08/12/21 06:25*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/12/21 06:25*	*2*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/12/21 06:25*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/16/21 19:13	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/12/21 16:25	08/16/21 19:13	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 19:13	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/12/21 16:25	08/16/21 19:13	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 19:13	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 19:13	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 19:13	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 19:13	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/12/21 16:25	08/16/21 19:13	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/12/21 16:25	08/16/21 19:13	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 19:13	1
2-Nitroaniline	ND		10	0.42	ug/L		08/12/21 16:25	08/16/21 19:13	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/16/21 19:13	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 19:13	1
3-Nitroaniline	ND		10	0.48	ug/L		08/12/21 16:25	08/16/21 19:13	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 19:13	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 19:13	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/12/21 16:25	08/16/21 19:13	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 19:13	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 19:13	1
4-Methylphenol	ND		10	0.36	ug/L		08/12/21 16:25	08/16/21 19:13	1
4-Nitroaniline	ND		10	0.25	ug/L		08/12/21 16:25	08/16/21 19:13	1
4-Nitrophenol	ND		10	1.5	ug/L		08/12/21 16:25	08/16/21 19:13	1
Acenaphthene	ND		5.0	0.41	ug/L		08/12/21 16:25	08/16/21 19:13	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/12/21 16:25	08/16/21 19:13	1
Acetophenone	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 19:13	1
Aniline	ND		10	0.61	ug/L		08/12/21 16:25	08/16/21 19:13	1
Anthracene	ND		5.0	0.28	ug/L		08/12/21 16:25	08/16/21 19:13	1
Atrazine	ND		5.0	0.46	ug/L		08/12/21 16:25	08/16/21 19:13	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/12/21 16:25	08/16/21 19:13	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 19:13	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 19:13	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 19:13	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 19:13	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/12/21 16:25	08/16/21 19:13	1
Biphenyl	ND		5.0	0.65	ug/L		08/12/21 16:25	08/16/21 19:13	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/12/21 16:25	08/16/21 19:13	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/12/21 16:25	08/16/21 19:13	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 19:13	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 19:13	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/12/21 16:25	08/16/21 19:13	1
Caprolactam	ND		5.0	2.2	ug/L		08/12/21 16:25	08/16/21 19:13	1
Carbazole	ND		5.0	0.30	ug/L		08/12/21 16:25	08/16/21 19:13	1

Client Sample ID: BCC Area C_PS-05A_0821

Lab Sample ID: 480-188171-4

Date Collected: 08/10/21 11:30

Matrix: Ground Water

Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/12/21 16:25	08/16/21 19:13	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/12/21 16:25	08/16/21 19:13	1
Dibenzofuran	ND		10	0.51	ug/L		08/12/21 16:25	08/16/21 19:13	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/12/21 16:25	08/16/21 19:13	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 19:13	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/12/21 16:25	08/16/21 19:13	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 19:13	1
Fluoranthene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/16/21 19:13	1
Fluorene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/16/21 19:13	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 19:13	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/12/21 16:25	08/16/21 19:13	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 19:13	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/12/21 16:25	08/16/21 19:13	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/16/21 19:13	1
Isophorone	ND		5.0	0.43	ug/L		08/12/21 16:25	08/16/21 19:13	1
Naphthalene	ND		5.0	0.76	ug/L		08/12/21 16:25	08/16/21 19:13	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/12/21 16:25	08/16/21 19:13	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/12/21 16:25	08/16/21 19:13	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/12/21 16:25	08/16/21 19:13	1
Pentachlorophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/16/21 19:13	1
Phenanthrene	ND		5.0	0.44	ug/L		08/12/21 16:25	08/16/21 19:13	1
Phenol	ND		5.0	0.39	ug/L		08/12/21 16:25	08/16/21 19:13	1
Pyrene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/16/21 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*3*	*S1-*	*41 - 120*	*08/12/21 16:25*	*08/16/21 19:13*	*1*
2-Fluorobiphenyl	*11*	*S1-*	*48 - 120*	*08/12/21 16:25*	*08/16/21 19:13*	*1*
2-Fluorophenol	*2*	*S1-*	*35 - 120*	*08/12/21 16:25*	*08/16/21 19:13*	*1*
Nitrobenzene-d5	*10*	*S1-*	*46 - 120*	*08/12/21 16:25*	*08/16/21 19:13*	*1*
Phenol-d5	*3*	*S1-*	*22 - 120*	*08/12/21 16:25*	*08/16/21 19:13*	*1*
p-Terphenyl-d14	*13*	*S1-*	*60 - 148*	*08/12/21 16:25*	*08/16/21 19:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		08/18/21 15:40	08/19/21 16:10	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		08/18/21 15:40	08/19/21 16:10	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		08/18/21 15:40	08/19/21 16:10	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		08/18/21 15:40	08/19/21 16:10	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		08/18/21 15:40	08/19/21 16:10	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		08/18/21 15:40	08/19/21 16:10	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		08/18/21 15:40	08/19/21 16:10	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		08/18/21 15:40	08/19/21 16:10	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		08/18/21 15:40	08/19/21 16:10	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		08/18/21 15:40	08/19/21 16:10	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		08/18/21 15:40	08/19/21 16:10	1
2-Nitroaniline	ND	H	10	0.42	ug/L		08/18/21 15:40	08/19/21 16:10	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		08/18/21 15:40	08/19/21 16:10	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		08/18/21 15:40	08/19/21 16:10	1
3-Nitroaniline	ND	H	10	0.48	ug/L		08/18/21 15:40	08/19/21 16:10	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		08/18/21 15:40	08/19/21 16:10	1

Client Sample ID: BCC Area C_PS-05A_0821

Lab Sample ID: 480-188171-4

Date Collected: 08/10/21 11:30

Matrix: Ground Water

Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		08/18/21 15:40	08/19/21 16:10	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		08/18/21 15:40	08/19/21 16:10	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		08/18/21 15:40	08/19/21 16:10	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		08/18/21 15:40	08/19/21 16:10	1
4-Methylphenol	ND	H	10	0.36	ug/L		08/18/21 15:40	08/19/21 16:10	1
4-Nitroaniline	ND	H	10	0.25	ug/L		08/18/21 15:40	08/19/21 16:10	1
4-Nitrophenol	ND	H	10	1.5	ug/L		08/18/21 15:40	08/19/21 16:10	1
Acenaphthene	ND	H	5.0	0.41	ug/L		08/18/21 15:40	08/19/21 16:10	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		08/18/21 15:40	08/19/21 16:10	1
Acetophenone	ND	H	5.0	0.54	ug/L		08/18/21 15:40	08/19/21 16:10	1
Aniline	ND	H	10	0.61	ug/L		08/18/21 15:40	08/19/21 16:10	1
Anthracene	ND	H	5.0	0.28	ug/L		08/18/21 15:40	08/19/21 16:10	1
Atrazine	ND	H	5.0	0.46	ug/L		08/18/21 15:40	08/19/21 16:10	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		08/18/21 15:40	08/19/21 16:10	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		08/18/21 15:40	08/19/21 16:10	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		08/18/21 15:40	08/19/21 16:10	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		08/18/21 15:40	08/19/21 16:10	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		08/18/21 15:40	08/19/21 16:10	1
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		08/18/21 15:40	08/19/21 16:10	1
Biphenyl	ND	H	5.0	0.65	ug/L		08/18/21 15:40	08/19/21 16:10	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		08/18/21 15:40	08/19/21 16:10	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		08/18/21 15:40	08/19/21 16:10	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		08/18/21 15:40	08/19/21 16:10	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		08/18/21 15:40	08/19/21 16:10	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		08/18/21 15:40	08/19/21 16:10	1
Caprolactam	ND	H	5.0	2.2	ug/L		08/18/21 15:40	08/19/21 16:10	1
Carbazole	ND	H	5.0	0.30	ug/L		08/18/21 15:40	08/19/21 16:10	1
Chrysene	ND	H *1	5.0	0.33	ug/L		08/18/21 15:40	08/19/21 16:10	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		08/18/21 15:40	08/19/21 16:10	1
Dibenzofuran	ND	H	10	0.51	ug/L		08/18/21 15:40	08/19/21 16:10	1
Diethyl phthalate	**0.45**	**J H B**	5.0	0.22	ug/L		08/18/21 15:40	08/19/21 16:10	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		08/18/21 15:40	08/19/21 16:10	1
Di-n-butyl phthalate	**0.35**	**J H**	5.0	0.31	ug/L		08/18/21 15:40	08/19/21 16:10	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		08/18/21 15:40	08/19/21 16:10	1
Fluoranthene	ND	H	5.0	0.40	ug/L		08/18/21 15:40	08/19/21 16:10	1
Fluorene	ND	H	5.0	0.36	ug/L		08/18/21 15:40	08/19/21 16:10	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		08/18/21 15:40	08/19/21 16:10	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		08/18/21 15:40	08/19/21 16:10	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		08/18/21 15:40	08/19/21 16:10	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		08/18/21 15:40	08/19/21 16:10	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		08/18/21 15:40	08/19/21 16:10	1
Isophorone	ND	H	5.0	0.43	ug/L		08/18/21 15:40	08/19/21 16:10	1
Naphthalene	ND	H	5.0	0.76	ug/L		08/18/21 15:40	08/19/21 16:10	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		08/18/21 15:40	08/19/21 16:10	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		08/18/21 15:40	08/19/21 16:10	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		08/18/21 15:40	08/19/21 16:10	1
Pentachlorophenol	ND	H	10	2.2	ug/L		08/18/21 15:40	08/19/21 16:10	1
Phenanthrene	ND	H	5.0	0.44	ug/L		08/18/21 15:40	08/19/21 16:10	1
Phenol	ND	H	5.0	0.39	ug/L		08/18/21 15:40	08/19/21 16:10	1

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_PS-05A_0821

Lab Sample ID: 480-188171-4

Date Collected: 08/10/21 11:30
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND	H	5.0	0.34	ug/L		08/18/21 15:40	08/19/21 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*106*		*41 - 120*	*08/18/21 15:40*	*08/19/21 16:10*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*08/18/21 15:40*	*08/19/21 16:10*	*1*
2-Fluorophenol	*60*		*35 - 120*	*08/18/21 15:40*	*08/19/21 16:10*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*08/18/21 15:40*	*08/19/21 16:10*	*1*
Phenol-d5	*43*		*22 - 120*	*08/18/21 15:40*	*08/19/21 16:10*	*1*
p-Terphenyl-d14	*87*		*60 - 148*	*08/18/21 15:40*	*08/19/21 16:10*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.074**	**J**	0.20	0.060	mg/L		08/12/21 09:10	08/12/21 17:16	1
Antimony	ND		0.020	0.0068	mg/L		08/12/21 09:10	08/12/21 17:16	1
Arsenic	**0.11**		0.015	0.0056	mg/L		08/12/21 09:10	08/12/21 17:16	1
Barium	**0.078**		0.0020	0.00070	mg/L		08/12/21 09:10	08/12/21 17:16	1
Beryllium	ND		0.0020	0.00030	mg/L		08/12/21 09:10	08/12/21 17:16	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/21 09:10	08/13/21 14:34	1
Calcium	**172**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 17:16	1
Chromium	ND		0.0040	0.0010	mg/L		08/12/21 09:10	08/12/21 17:16	1
Cobalt	ND		0.0040	0.00063	mg/L		08/12/21 09:10	08/12/21 17:16	1
Copper	**0.0022**	**J**	0.010	0.0016	mg/L		08/12/21 09:10	08/12/21 17:16	1
Iron	**5.3**		0.050	0.019	mg/L		08/12/21 09:10	08/12/21 17:16	1
Lead	ND		0.010	0.0030	mg/L		08/12/21 09:10	08/12/21 17:16	1
Magnesium	**32.3**		0.20	0.043	mg/L		08/12/21 09:10	08/12/21 17:16	1
Manganese	**0.11**		0.0030	0.00040	mg/L		08/12/21 09:10	08/12/21 17:16	1
Nickel	**0.0042**	**J**	0.010	0.0013	mg/L		08/12/21 09:10	08/12/21 17:16	1
Potassium	**7.6**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 17:16	1
Selenium	ND		0.025	0.0087	mg/L		08/12/21 09:10	08/12/21 17:16	1
Silver	ND		0.0060	0.0017	mg/L		08/12/21 09:10	08/12/21 17:16	1
Sodium	**86.7**		1.0	0.32	mg/L		08/12/21 09:10	08/12/21 17:16	1
Thallium	ND		0.020	0.010	mg/L		08/12/21 09:10	08/12/21 17:16	1
Vanadium	ND		0.0050	0.0015	mg/L		08/12/21 09:10	08/12/21 17:16	1
Zinc	**0.0063**	**J B**	0.010	0.0015	mg/L		08/12/21 09:10	08/12/21 17:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		08/12/21 13:25	08/12/21 17:40	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_0821

Lab Sample ID: 480-188171-5

Date Collected: 08/10/21 10:00
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/21 06:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/21 06:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/21 06:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/21 06:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/21 06:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/21 06:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/21 06:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/21 06:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/21 06:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/21 06:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/21 06:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/21 06:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/21 06:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/21 06:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/21 06:48	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/21 06:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/21 06:48	1
Acetone	**6.7**	**J**	10	3.0	ug/L			08/12/21 06:48	1
Benzene	ND		1.0	0.41	ug/L			08/12/21 06:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/21 06:48	1
Bromoform	ND		1.0	0.26	ug/L			08/12/21 06:48	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/21 06:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/21 06:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/21 06:48	1
Chlorobenzene	ND	F1	1.0	0.75	ug/L			08/12/21 06:48	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/21 06:48	1
Chloroform	ND		1.0	0.34	ug/L			08/12/21 06:48	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/21 06:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/21 06:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/21 06:48	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/21 06:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/21 06:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/21 06:48	1
Ethylbenzene	ND	F1	1.0	0.74	ug/L			08/12/21 06:48	1
Isopropylbenzene	ND	F1	1.0	0.79	ug/L			08/12/21 06:48	1
Methyl acetate	ND		2.5	1.3	ug/L			08/12/21 06:48	1
Methyl tert-butyl ether	ND	*-	1.0	0.16	ug/L			08/12/21 06:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/21 06:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/21 06:48	1
Styrene	ND		1.0	0.73	ug/L			08/12/21 06:48	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			08/12/21 06:48	1
Toluene	ND		1.0	0.51	ug/L			08/12/21 06:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/21 06:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/21 06:48	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/21 06:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/21 06:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/21 06:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/21 06:48	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_0821

Date Collected: 08/10/21 10:00
Date Received: 08/10/21 16:30

Lab Sample ID: 480-188171-5

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*08/12/21 06:48*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/12/21 06:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/12/21 06:48*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/12/21 06:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/13/21 15:45	08/17/21 21:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/13/21 15:45	08/17/21 21:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/13/21 15:45	08/17/21 21:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/13/21 15:45	08/17/21 21:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/13/21 15:45	08/17/21 21:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/13/21 15:45	08/17/21 21:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 21:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/13/21 15:45	08/17/21 21:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/13/21 15:45	08/17/21 21:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/13/21 15:45	08/17/21 21:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 21:26	1
2-Nitroaniline	ND		10	0.42	ug/L		08/13/21 15:45	08/17/21 21:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/13/21 15:45	08/17/21 21:26	1
3,3'-Dichlorobenzidine	ND	F2	5.0	0.40	ug/L		08/13/21 15:45	08/17/21 21:26	1
3-Nitroaniline	ND		10	0.48	ug/L		08/13/21 15:45	08/17/21 21:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/13/21 15:45	08/17/21 21:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/13/21 15:45	08/17/21 21:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/13/21 15:45	08/17/21 21:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/13/21 15:45	08/17/21 21:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/13/21 15:45	08/17/21 21:26	1
4-Methylphenol	ND		10	0.36	ug/L		08/13/21 15:45	08/17/21 21:26	1
4-Nitroaniline	ND		10	0.25	ug/L		08/13/21 15:45	08/17/21 21:26	1
4-Nitrophenol	ND		10	1.5	ug/L		08/13/21 15:45	08/17/21 21:26	1
Acenaphthene	ND		5.0	0.41	ug/L		08/13/21 15:45	08/17/21 21:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/13/21 15:45	08/17/21 21:26	1
Acetophenone	ND		5.0	0.54	ug/L		08/13/21 15:45	08/17/21 21:26	1
Aniline	ND		10	0.61	ug/L		08/13/21 15:45	08/17/21 21:26	1
Anthracene	ND		5.0	0.28	ug/L		08/13/21 15:45	08/17/21 21:26	1
Atrazine	ND		5.0	0.46	ug/L		08/13/21 15:45	08/17/21 21:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/13/21 15:45	08/17/21 21:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/13/21 15:45	08/17/21 21:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/13/21 15:45	08/17/21 21:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/13/21 15:45	08/17/21 21:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/13/21 15:45	08/17/21 21:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/13/21 15:45	08/17/21 21:26	1
Biphenyl	ND		5.0	0.65	ug/L		08/13/21 15:45	08/17/21 21:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/13/21 15:45	08/17/21 21:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/13/21 15:45	08/17/21 21:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 21:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/13/21 15:45	08/17/21 21:26	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/13/21 15:45	08/17/21 21:26	1
Caprolactam	ND		5.0	2.2	ug/L		08/13/21 15:45	08/17/21 21:26	1
Carbazole	ND		5.0	0.30	ug/L		08/13/21 15:45	08/17/21 21:26	1

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_0821

Lab Sample ID: 480-188171-5

Date Collected: 08/10/21 10:00
Matrix: Ground Water
Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/13/21 15:45	08/17/21 21:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/13/21 15:45	08/17/21 21:26	1
Dibenzofuran	ND		10	0.51	ug/L		08/13/21 15:45	08/17/21 21:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/13/21 15:45	08/17/21 21:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/13/21 15:45	08/17/21 21:26	1
Di-n-butyl phthalate	**0.33**	**J**	5.0	0.31	ug/L		08/13/21 15:45	08/17/21 21:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/13/21 15:45	08/17/21 21:26	1
Fluoranthene	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 21:26	1
Fluorene	ND		5.0	0.36	ug/L		08/13/21 15:45	08/17/21 21:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/13/21 15:45	08/17/21 21:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/13/21 15:45	08/17/21 21:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/13/21 15:45	08/17/21 21:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/13/21 15:45	08/17/21 21:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/13/21 15:45	08/17/21 21:26	1
Isophorone	ND		5.0	0.43	ug/L		08/13/21 15:45	08/17/21 21:26	1
Naphthalene	ND		5.0	0.76	ug/L		08/13/21 15:45	08/17/21 21:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/13/21 15:45	08/17/21 21:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/13/21 15:45	08/17/21 21:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/13/21 15:45	08/17/21 21:26	1
Pentachlorophenol	ND		10	2.2	ug/L		08/13/21 15:45	08/17/21 21:26	1
Phenanthrene	ND		5.0	0.44	ug/L		08/13/21 15:45	08/17/21 21:26	1
Phenol	ND		5.0	0.39	ug/L		08/13/21 15:45	08/17/21 21:26	1
Pyrene	ND		5.0	0.34	ug/L		08/13/21 15:45	08/17/21 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*41 - 120*	*08/13/21 15:45*	*08/17/21 21:26*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*08/13/21 15:45*	*08/17/21 21:26*	*1*
2-Fluorophenol	*57*		*35 - 120*	*08/13/21 15:45*	*08/17/21 21:26*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*08/13/21 15:45*	*08/17/21 21:26*	*1*
Phenol-d5	*41*		*22 - 120*	*08/13/21 15:45*	*08/17/21 21:26*	*1*
p-Terphenyl-d14	*85*		*60 - 148*	*08/13/21 15:45*	*08/17/21 21:26*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.093**	**J**	0.20	0.060	mg/L		08/12/21 09:10	08/12/21 17:20	1
Antimony	ND		0.020	0.0068	mg/L		08/12/21 09:10	08/12/21 17:20	1
Arsenic	**0.0092**	**J**	0.015	0.0056	mg/L		08/12/21 09:10	08/12/21 17:20	1
Barium	**0.082**		0.0020	0.00070	mg/L		08/12/21 09:10	08/12/21 17:20	1
Beryllium	ND		0.0020	0.00030	mg/L		08/12/21 09:10	08/12/21 17:20	1
Cadmium	**0.00053**	**J**	0.0020	0.00050	mg/L		08/12/21 09:10	08/13/21 14:37	1
Calcium	**292**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 17:20	1
Chromium	ND		0.0040	0.0010	mg/L		08/12/21 09:10	08/12/21 17:20	1
Cobalt	**0.0021**	**J**	0.0040	0.00063	mg/L		08/12/21 09:10	08/12/21 17:20	1
Copper	**0.0030**	**J**	0.010	0.0016	mg/L		08/12/21 09:10	08/12/21 17:20	1
Iron	**7.4**		0.050	0.019	mg/L		08/12/21 09:10	08/12/21 17:20	1
Lead	ND		0.010	0.0030	mg/L		08/12/21 09:10	08/12/21 17:20	1
Magnesium	**17.6**	**F1**	0.20	0.043	mg/L		08/12/21 09:10	08/12/21 17:20	1
Manganese	**0.84**		0.0030	0.00040	mg/L		08/12/21 09:10	08/12/21 17:20	1
Nickel	**0.011**		0.010	0.0013	mg/L		08/12/21 09:10	08/12/21 17:20	1
Potassium	**11.6**		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 17:20	1

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-20_0821

Lab Sample ID: 480-188171-5

Date Collected: 08/10/21 10:00

Matrix: Ground Water

Date Received: 08/10/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		08/12/21 09:10	08/12/21 17:20	1
Silver	ND		0.0060	0.0017	mg/L		08/12/21 09:10	08/12/21 17:20	1
Sodium	**64.4**		1.0	0.32	mg/L		08/12/21 09:10	08/12/21 17:20	1
Thallium	ND		0.020	0.010	mg/L		08/12/21 09:10	08/12/21 17:20	1
Vanadium	**0.0015**	**J**	0.0050	0.0015	mg/L		08/12/21 09:10	08/12/21 17:20	1
Zinc	**0.13**	**B**	0.010	0.0015	mg/L		08/12/21 09:10	08/12/21 17:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		08/12/21 13:25	08/12/21 17:41	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-188171-6

Date Collected: 08/10/21 00:00
Date Received: 08/10/21 16:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/21 07:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/21 07:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/21 07:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/21 07:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/21 07:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/21 07:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/21 07:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/21 07:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/21 07:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/21 07:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/21 07:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/21 07:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/21 07:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/21 07:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/21 07:11	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/21 07:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/21 07:11	1
Acetone	ND		10	3.0	ug/L			08/12/21 07:11	1
Benzene	ND		1.0	0.41	ug/L			08/12/21 07:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/21 07:11	1
Bromoform	ND		1.0	0.26	ug/L			08/12/21 07:11	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/21 07:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/21 07:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/21 07:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/21 07:11	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/21 07:11	1
Chloroform	ND		1.0	0.34	ug/L			08/12/21 07:11	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/21 07:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/21 07:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/21 07:11	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/21 07:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/21 07:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/21 07:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/21 07:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/21 07:11	1
Methyl acetate	ND		2.5	1.3	ug/L			08/12/21 07:11	1
Methyl tert-butyl ether	ND	*-	1.0	0.16	ug/L			08/12/21 07:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/21 07:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/21 07:11	1
Styrene	ND		1.0	0.73	ug/L			08/12/21 07:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/21 07:11	1
Toluene	ND		1.0	0.51	ug/L			08/12/21 07:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/21 07:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/21 07:11	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/21 07:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/21 07:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/21 07:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/21 07:11	1

Client Sample Results

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

Job ID: 480-188171-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-188171-6

Date Collected: 08/10/21 00:00
Date Received: 08/10/21 16:30

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		08/12/21 07:11	1
4-Bromofluorobenzene (Surr)	95		73 - 120		08/12/21 07:11	1
Toluene-d8 (Surr)	97		80 - 120		08/12/21 07:11	1
Dibromofluoromethane (Surr)	106		75 - 123		08/12/21 07:11	1

Surrogate Summary

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

Job ID: 480-188171-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-188171-1	BCC Area C_RFI-31_0821	103	96	98	102
480-188171-2	BCC Area C_MW-C04_0821	106	92	99	104
480-188171-3	BCC Area C_RFI-20_D_0821	107	96	97	106
480-188171-4	BCC Area C_PS-05A_0821	107	96	96	103
480-188171-5	BCC Area C_RFI-20_0821	109	97	101	105
480-188171-5 MS	BCC Area C_RFI-20_0821	102	97	103	105
480-188171-5 MSD	BCC Area C_RFI-20_0821	101	101	105	105

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-188171-6	TRIP BLANK	110	95	97	106
LCS 480-592562/6	Lab Control Sample	104	101	101	104
MB 480-592562/8	Method Blank	106	98	102	104

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
480-188171-1	BCC Area C_RFI-31_0821	121 S1+	101	65	77	50	96
480-188171-2	BCC Area C_MW-C04_0821	95	94	56	72	42	85
480-188171-3	BCC Area C_RFI-20_D_0821	98	91	58	71	42	93
480-188171-4	BCC Area C_PS-05A_0821	3 S1-	11 S1-	2 S1-	10 S1-	3 S1-	13 S1-
480-188171-4 - RE	BCC Area C_PS-05A_0821	106	92	60	74	43	87
480-188171-5	BCC Area C_RFI-20_0821	103	91	57	71	41	85
480-188171-5 MS	BCC Area C_RFI-20_0821	105	88	55	69	42	70
480-188171-5 MSD	BCC Area C_RFI-20_0821	110	96	62	77	45	74

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Surrogate Summary

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

Job ID: 480-188171-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
LCS 480-592707/2-A	Lab Control Sample	98	90	63	73	48	102
LCS 480-592847/2-A	Lab Control Sample	87	78	50	62	36	91
LCS 480-593315/2-A	Lab Control Sample	117	104	67	83	50	111
LCSD 480-593315/3-A	Lab Control Sample Dup	103	93	64	76	49	98
MB 480-592707/1-A	Method Blank	70	84	56	68	40	93
MB 480-592847/1-A	Method Blank	93	98	64	79	49	114
MB 480-593315/1-A	Method Blank	98	93	61	76	46	108

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

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

Lab Sample ID: MB 480-592562/8
Matrix: Water
Analysis Batch: 592562

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/21 01:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/21 01:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/21 01:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/21 01:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/21 01:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/21 01:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/21 01:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/21 01:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/21 01:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/21 01:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/21 01:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/21 01:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/21 01:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/21 01:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/21 01:24	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/21 01:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/21 01:24	1
Acetone	ND		10	3.0	ug/L			08/12/21 01:24	1
Benzene	ND		1.0	0.41	ug/L			08/12/21 01:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/21 01:24	1
Bromoform	ND		1.0	0.26	ug/L			08/12/21 01:24	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/21 01:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/21 01:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/21 01:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/21 01:24	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/21 01:24	1
Chloroform	ND		1.0	0.34	ug/L			08/12/21 01:24	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/21 01:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/21 01:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/21 01:24	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/21 01:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/21 01:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/21 01:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/21 01:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/21 01:24	1
Methyl acetate	ND		2.5	1.3	ug/L			08/12/21 01:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/12/21 01:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/21 01:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/21 01:24	1
Styrene	ND		1.0	0.73	ug/L			08/12/21 01:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/21 01:24	1
Toluene	ND		1.0	0.51	ug/L			08/12/21 01:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/21 01:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/21 01:24	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/21 01:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/21 01:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/21 01:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/21 01:24	1

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

Lab Sample ID: MB 480-592562/8
Matrix: Water
Analysis Batch: 592562

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		08/12/21 01:24	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/12/21 01:24	1
Toluene-d8 (Surr)	102		80 - 120		08/12/21 01:24	1
Dibromofluoromethane (Surr)	104		75 - 123		08/12/21 01:24	1

Lab Sample ID: LCS 480-592562/6
Matrix: Water
Analysis Batch: 592562

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.6		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	24.7		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	17.2		ug/L		69	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.3		ug/L		93	56 - 134
1,2-Dibromoethane	25.0	23.9		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	24.6		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		95	80 - 120
2-Butanone (MEK)	125	124		ug/L		99	57 - 140
2-Hexanone	125	121		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		98	71 - 125
Acetone	125	143		ug/L		114	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromodichloromethane	25.0	26.4		ug/L		105	80 - 122
Bromoform	25.0	24.4		ug/L		98	61 - 132
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	19.6		ug/L		78	59 - 134
Carbon tetrachloride	25.0	23.2		ug/L		93	72 - 134
Chlorobenzene	25.0	24.4		ug/L		98	80 - 120
Chloroethane	25.0	21.4		ug/L		85	69 - 136
Chloroform	25.0	24.3		ug/L		97	73 - 127
Chloromethane	25.0	17.7		ug/L		71	68 - 124
cis-1,2-Dichloroethene	25.0	23.9		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Cyclohexane	25.0	21.8		ug/L		87	59 - 135
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	22.5		ug/L		90	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
Isopropylbenzene	25.0	25.4		ug/L		102	77 - 122
Methyl acetate	50.0	46.6		ug/L		93	74 - 133
Methyl tert-butyl ether	25.0	18.5	*-	ug/L		74	77 - 120
Methylcyclohexane	25.0	24.6		ug/L		99	68 - 134

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

Lab Sample ID: LCS 480-592562/6
Matrix: Water
Analysis Batch: 592562

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	20.6		ug/L		82	75 - 124
Styrene	25.0	25.1		ug/L		100	80 - 120
Tetrachloroethene	25.0	25.3		ug/L		101	74 - 122
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	25.5		ug/L		102	80 - 120
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	21.3		ug/L		85	62 - 150
Vinyl chloride	25.0	23.5		ug/L		94	65 - 133
Xylenes, Total	50.0	48.2		ug/L		96	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)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: 480-188171-5 MS
Matrix: Ground Water
Analysis Batch: 592562

Client Sample ID: BCC Area C_RFI-20_0821
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	26.1		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.7		ug/L		111	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.3		ug/L		117	61 - 148
1,1,2-Trichloroethane	ND		25.0	27.4		ug/L		109	76 - 122
1,1-Dichloroethane	ND		25.0	27.3		ug/L		109	77 - 120
1,1-Dichloroethene	ND		25.0	20.5		ug/L		82	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.9		ug/L		108	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	24.0		ug/L		96	56 - 134
1,2-Dibromoethane	ND		25.0	26.6		ug/L		106	77 - 120
1,2-Dichlorobenzene	ND		25.0	27.1		ug/L		108	80 - 124
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	75 - 120
1,2-Dichloropropane	ND		25.0	27.4		ug/L		110	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.3		ug/L		109	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.7		ug/L		107	78 - 124
2-Butanone (MEK)	ND		125	135		ug/L		108	57 - 140
2-Hexanone	ND		125	138		ug/L		110	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	139		ug/L		111	71 - 125
Acetone	6.7	J	125	144		ug/L		110	56 - 142
Benzene	ND		25.0	28.0		ug/L		112	71 - 124
Bromodichloromethane	ND		25.0	27.9		ug/L		112	80 - 122
Bromoform	ND		25.0	25.8		ug/L		103	61 - 132
Bromomethane	ND		25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	ND		25.0	20.8		ug/L		83	59 - 134
Carbon tetrachloride	ND		25.0	27.9		ug/L		112	72 - 134
Chlorobenzene	ND	F1	25.0	27.9		ug/L		112	80 - 120
Chloroethane	ND		25.0	19.9		ug/L		80	69 - 136

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

Lab Sample ID: 480-188171-5 MS
Matrix: Ground Water
Analysis Batch: 592562

Client Sample ID: BCC Area C_RFI-20_0821
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	27.9		ug/L		112	73 - 127
Chloromethane	ND		25.0	18.7		ug/L		75	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.3		ug/L		109	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.8		ug/L		103	74 - 124
Cyclohexane	ND		25.0	24.8		ug/L		99	59 - 135
Dibromochloromethane	ND		25.0	26.8		ug/L		107	75 - 125
Dichlorodifluoromethane	ND		25.0	21.6		ug/L		86	59 - 135
Ethylbenzene	ND	F1	25.0	28.9		ug/L		116	77 - 123
Isopropylbenzene	ND	F1	25.0	28.7		ug/L		115	77 - 122
Methyl acetate	ND		50.0	45.1		ug/L		90	74 - 133
Methyl tert-butyl ether	ND	*-	25.0	19.5		ug/L		78	77 - 120
Methylcyclohexane	ND		25.0	29.2		ug/L		117	68 - 134
Methylene Chloride	ND		25.0	21.6		ug/L		87	75 - 124
Styrene	ND		25.0	22.7		ug/L		91	80 - 120
Tetrachloroethene	ND	F1	25.0	29.3		ug/L		117	74 - 122
Toluene	ND		25.0	28.1		ug/L		112	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.7		ug/L		111	73 - 127
trans-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	80 - 120
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123
Trichlorofluoromethane	ND		25.0	22.7		ug/L		91	62 - 150
Vinyl chloride	ND		25.0	25.1		ug/L		101	65 - 133
Xylenes, Total	ND		50.0	53.8		ug/L		108	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: 480-188171-5 MSD
Matrix: Ground Water
Analysis Batch: 592562

Client Sample ID: BCC Area C_RFI-20_0821
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	29.9		ug/L		120	73 - 126	14	15
1,1,2,2-Tetrachloroethane	ND		25.0	28.9		ug/L		116	76 - 120	4	15
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		25.0	31.4		ug/L		126	61 - 148	7	20
1,1,2-Trichloroethane	ND		25.0	28.2		ug/L		113	76 - 122	3	15
1,1-Dichloroethane	ND		25.0	29.3		ug/L		117	77 - 120	7	20
1,1-Dichloroethene	ND		25.0	20.1		ug/L		80	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	27.6		ug/L		110	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.7		ug/L		103	56 - 134	7	15
1,2-Dibromoethane	ND		25.0	28.6		ug/L		115	77 - 120	7	15
1,2-Dichlorobenzene	ND		25.0	28.3		ug/L		113	80 - 124	4	20
1,2-Dichloroethane	ND		25.0	27.5		ug/L		110	75 - 120	5	20
1,2-Dichloropropane	ND		25.0	29.1		ug/L		116	76 - 120	6	20
1,3-Dichlorobenzene	ND		25.0	29.6		ug/L		118	77 - 120	8	20
1,4-Dichlorobenzene	ND		25.0	28.1		ug/L		112	78 - 124	5	20

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

Lab Sample ID: 480-188171-5 MSD
Matrix: Ground Water
Analysis Batch: 592562

Client Sample ID: BCC Area C_RFI-20_0821
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	138		ug/L		110	57 - 140	2	20
2-Hexanone	ND		125	141		ug/L		113	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	143		ug/L		114	71 - 125	3	35
Acetone	6.7	J	125	145		ug/L		110	56 - 142	1	15
Benzene	ND		25.0	29.6		ug/L		118	71 - 124	5	13
Bromodichloromethane	ND		25.0	29.8		ug/L		119	80 - 122	7	15
Bromoform	ND		25.0	27.1		ug/L		109	61 - 132	5	15
Bromomethane	ND		25.0	25.2		ug/L		101	55 - 144	7	15
Carbon disulfide	ND		25.0	20.6		ug/L		83	59 - 134	1	15
Carbon tetrachloride	ND		25.0	29.8		ug/L		119	72 - 134	6	15
Chlorobenzene	ND	F1	25.0	30.2	F1	ug/L		121	80 - 120	8	25
Chloroethane	ND		25.0	21.9		ug/L		88	69 - 136	10	15
Chloroform	ND		25.0	29.2		ug/L		117	73 - 127	4	20
Chloromethane	ND		25.0	18.7		ug/L		75	68 - 124	0	15
cis-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	74 - 124	5	15
cis-1,3-Dichloropropene	ND		25.0	27.4		ug/L		110	74 - 124	6	15
Cyclohexane	ND		25.0	26.2		ug/L		105	59 - 135	6	20
Dibromochloromethane	ND		25.0	28.9		ug/L		115	75 - 125	7	15
Dichlorodifluoromethane	ND		25.0	22.8		ug/L		91	59 - 135	6	20
Ethylbenzene	ND	F1	25.0	31.1	F1	ug/L		124	77 - 123	7	15
Isopropylbenzene	ND	F1	25.0	30.7	F1	ug/L		123	77 - 122	7	20
Methyl acetate	ND		50.0	45.1		ug/L		90	74 - 133	0	20
Methyl tert-butyl ether	ND	*-	25.0	20.1		ug/L		80	77 - 120	3	37
Methylcyclohexane	ND		25.0	30.7		ug/L		123	68 - 134	5	20
Methylene Chloride	ND		25.0	23.7		ug/L		95	75 - 124	9	15
Styrene	ND		25.0	23.4		ug/L		93	80 - 120	3	20
Tetrachloroethene	ND	F1	25.0	30.9	F1	ug/L		124	74 - 122	5	20
Toluene	ND		25.0	30.5		ug/L		122	80 - 122	8	15
trans-1,2-Dichloroethene	ND		25.0	28.5		ug/L		114	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	28.0		ug/L		112	80 - 120	7	15
Trichloroethene	ND		25.0	30.2		ug/L		121	74 - 123	8	16
Trichlorofluoromethane	ND		25.0	23.9		ug/L		96	62 - 150	5	20
Vinyl chloride	ND		25.0	27.2		ug/L		109	65 - 133	8	15
Xylenes, Total	ND		50.0	56.9		ug/L		114	76 - 122	6	16

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

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

Lab Sample ID: MB 480-592707/1-A
Matrix: Water
Analysis Batch: 592784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592707

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/13/21 14:06	1

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

Lab Sample ID: MB 480-592707/1-A
Matrix: Water
Analysis Batch: 592784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592707

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/12/21 16:25	08/13/21 14:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/12/21 16:25	08/13/21 14:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/12/21 16:25	08/13/21 14:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/13/21 14:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/12/21 16:25	08/13/21 14:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/13/21 14:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/12/21 16:25	08/13/21 14:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/12/21 16:25	08/13/21 14:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/12/21 16:25	08/13/21 14:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/12/21 16:25	08/13/21 14:06	1
2-Nitroaniline	ND		10	0.42	ug/L		08/12/21 16:25	08/13/21 14:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/12/21 16:25	08/13/21 14:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/12/21 16:25	08/13/21 14:06	1
3-Nitroaniline	ND		10	0.48	ug/L		08/12/21 16:25	08/13/21 14:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/12/21 16:25	08/13/21 14:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/12/21 16:25	08/13/21 14:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/12/21 16:25	08/13/21 14:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/12/21 16:25	08/13/21 14:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/12/21 16:25	08/13/21 14:06	1
4-Methylphenol	ND		10	0.36	ug/L		08/12/21 16:25	08/13/21 14:06	1
4-Nitroaniline	ND		10	0.25	ug/L		08/12/21 16:25	08/13/21 14:06	1
4-Nitrophenol	ND		10	1.5	ug/L		08/12/21 16:25	08/13/21 14:06	1
Acenaphthene	ND		5.0	0.41	ug/L		08/12/21 16:25	08/13/21 14:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/12/21 16:25	08/13/21 14:06	1
Acetophenone	ND		5.0	0.54	ug/L		08/12/21 16:25	08/13/21 14:06	1
Aniline	ND		10	0.61	ug/L		08/12/21 16:25	08/13/21 14:06	1
Anthracene	ND		5.0	0.28	ug/L		08/12/21 16:25	08/13/21 14:06	1
Atrazine	ND		5.0	0.46	ug/L		08/12/21 16:25	08/13/21 14:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/12/21 16:25	08/13/21 14:06	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/13/21 14:06	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/13/21 14:06	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/13/21 14:06	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/12/21 16:25	08/13/21 14:06	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/12/21 16:25	08/13/21 14:06	1
Biphenyl	ND		5.0	0.65	ug/L		08/12/21 16:25	08/13/21 14:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/12/21 16:25	08/13/21 14:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/12/21 16:25	08/13/21 14:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/12/21 16:25	08/13/21 14:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/12/21 16:25	08/13/21 14:06	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/12/21 16:25	08/13/21 14:06	1
Caprolactam	ND		5.0	2.2	ug/L		08/12/21 16:25	08/13/21 14:06	1
Carbazole	ND		5.0	0.30	ug/L		08/12/21 16:25	08/13/21 14:06	1
Chrysene	ND		5.0	0.33	ug/L		08/12/21 16:25	08/13/21 14:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/12/21 16:25	08/13/21 14:06	1
Dibenzofuran	ND		10	0.51	ug/L		08/12/21 16:25	08/13/21 14:06	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/12/21 16:25	08/13/21 14:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/12/21 16:25	08/13/21 14:06	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/12/21 16:25	08/13/21 14:06	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/12/21 16:25	08/13/21 14:06	1

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

Lab Sample ID: MB 480-592707/1-A
Matrix: Water
Analysis Batch: 592784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592707

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		08/12/21 16:25	08/13/21 14:06	1
Fluorene	ND		5.0	0.36	ug/L		08/12/21 16:25	08/13/21 14:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/12/21 16:25	08/13/21 14:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/12/21 16:25	08/13/21 14:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/12/21 16:25	08/13/21 14:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/12/21 16:25	08/13/21 14:06	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/12/21 16:25	08/13/21 14:06	1
Isophorone	ND		5.0	0.43	ug/L		08/12/21 16:25	08/13/21 14:06	1
Naphthalene	ND		5.0	0.76	ug/L		08/12/21 16:25	08/13/21 14:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/12/21 16:25	08/13/21 14:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/12/21 16:25	08/13/21 14:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/12/21 16:25	08/13/21 14:06	1
Pentachlorophenol	ND		10	2.2	ug/L		08/12/21 16:25	08/13/21 14:06	1
Phenanthrene	ND		5.0	0.44	ug/L		08/12/21 16:25	08/13/21 14:06	1
Phenol	ND		5.0	0.39	ug/L		08/12/21 16:25	08/13/21 14:06	1
Pyrene	ND		5.0	0.34	ug/L		08/12/21 16:25	08/13/21 14:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*70*		*41 - 120*	*08/12/21 16:25*	*08/13/21 14:06*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*08/12/21 16:25*	*08/13/21 14:06*	*1*
2-Fluorophenol	*56*		*35 - 120*	*08/12/21 16:25*	*08/13/21 14:06*	*1*
Nitrobenzene-d5	*68*		*46 - 120*	*08/12/21 16:25*	*08/13/21 14:06*	*1*
Phenol-d5	*40*		*22 - 120*	*08/12/21 16:25*	*08/13/21 14:06*	*1*
p-Terphenyl-d14	*93*		*60 - 148*	*08/12/21 16:25*	*08/13/21 14:06*	*1*

Lab Sample ID: LCS 480-592707/2-A
Matrix: Water
Analysis Batch: 592784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592707

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	30.1		ug/L		94	65 - 126
2,4,6-Trichlorophenol	32.0	29.0		ug/L		91	64 - 120
2,4-Dichlorophenol	32.0	27.9		ug/L		87	63 - 120
2,4-Dimethylphenol	32.0	26.4		ug/L		82	47 - 120
2,4-Dinitrophenol	64.0	43.0		ug/L		67	31 - 137
2,4-Dinitrotoluene	32.0	31.6		ug/L		99	69 - 120
2,6-Dinitrotoluene	32.0	32.4		ug/L		101	68 - 120
2-Chloronaphthalene	32.0	28.3		ug/L		88	58 - 120
2-Chlorophenol	32.0	24.9		ug/L		78	48 - 120
2-Methylnaphthalene	32.0	26.3		ug/L		82	59 - 120
2-Methylphenol	32.0	24.3		ug/L		76	39 - 120
2-Nitroaniline	32.0	28.5		ug/L		89	54 - 127
2-Nitrophenol	32.0	27.8		ug/L		87	52 - 125
3,3'-Dichlorobenzidine	64.0	53.8		ug/L		84	49 - 135
3-Nitroaniline	32.0	26.4		ug/L		82	51 - 120
4,6-Dinitro-2-methylphenol	64.0	54.3		ug/L		85	46 - 136
4-Bromophenyl phenyl ether	32.0	33.2		ug/L		104	65 - 120
4-Chloro-3-methylphenol	32.0	29.1		ug/L		91	61 - 123

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

Lab Sample ID: LCS 480-592707/2-A
Matrix: Water
Analysis Batch: 592784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592707

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	32.0	25.3		ug/L		79	30 - 120
4-Chlorophenyl phenyl ether	32.0	31.5		ug/L		99	62 - 120
4-Methylphenol	32.0	24.0		ug/L		75	29 - 131
4-Nitroaniline	32.0	28.9		ug/L		90	65 - 120
4-Nitrophenol	64.0	46.6		ug/L		73	45 - 120
Acenaphthene	32.0	29.0		ug/L		91	60 - 120
Acenaphthylene	32.0	28.9		ug/L		90	63 - 120
Acetophenone	32.0	25.1		ug/L		78	45 - 120
Aniline	32.0	18.8		ug/L		59	12 - 120
Anthracene	32.0	29.9		ug/L		93	67 - 120
Atrazine	64.0	68.1		ug/L		106	71 - 130
Benzaldehyde	64.0	49.1		ug/L		77	10 - 140
Benzo(a)anthracene	32.0	32.6		ug/L		102	70 - 121
Benzo(a)pyrene	32.0	29.5		ug/L		92	60 - 123
Benzo(b)fluoranthene	32.0	30.8		ug/L		96	66 - 126
Benzo(g,h,i)perylene	32.0	32.8		ug/L		103	66 - 150
Benzo(k)fluoranthene	32.0	31.2		ug/L		98	65 - 124
Biphenyl	32.0	28.6		ug/L		89	59 - 120
bis (2-chloroisopropyl) ether	32.0	19.7		ug/L		62	21 - 136
Bis(2-chloroethoxy)methane	32.0	26.0		ug/L		81	50 - 128
Bis(2-chloroethyl)ether	32.0	23.6		ug/L		74	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.7		ug/L		102	63 - 139
Butyl benzyl phthalate	32.0	33.0		ug/L		103	70 - 129
Caprolactam	64.0	23.0		ug/L		36	22 - 120
Carbazole	32.0	30.6		ug/L		96	66 - 123
Chrysene	32.0	31.1		ug/L		97	69 - 120
Dibenz(a,h)anthracene	32.0	33.0		ug/L		103	65 - 135
Dibenzofuran	32.0	29.0		ug/L		91	66 - 120
Diethyl phthalate	32.0	30.8		ug/L		96	59 - 127
Dimethyl phthalate	32.0	31.4		ug/L		98	68 - 120
Di-n-butyl phthalate	32.0	32.0		ug/L		100	69 - 131
Di-n-octyl phthalate	32.0	32.4		ug/L		101	63 - 140
Fluoranthene	32.0	30.6		ug/L		96	69 - 126
Fluorene	32.0	29.9		ug/L		93	66 - 120
Hexachlorobenzene	32.0	30.8		ug/L		96	61 - 120
Hexachlorobutadiene	32.0	27.3		ug/L		85	35 - 120
Hexachlorocyclopentadiene	32.0	14.5		ug/L		45	31 - 120
Hexachloroethane	32.0	22.6		ug/L		71	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	32.3		ug/L		101	69 - 146
Isophorone	32.0	26.6		ug/L		83	55 - 120
Naphthalene	32.0	26.0		ug/L		81	57 - 120
Nitrobenzene	32.0	25.4		ug/L		79	53 - 123
N-Nitrosodi-n-propylamine	32.0	24.8		ug/L		78	32 - 140
N-Nitrosodiphenylamine	32.0	30.4		ug/L		95	61 - 120
Pentachlorophenol	64.0	43.7		ug/L		68	29 - 136
Phenanthrene	32.0	30.8		ug/L		96	68 - 120
Phenol	32.0	16.3		ug/L		51	17 - 120
Pyrene	32.0	31.8		ug/L		99	70 - 125

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

Lab Sample ID: LCS 480-592707/2-A
Matrix: Water
Analysis Batch: 592784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592707

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*98*		*41 - 120*
2-Fluorobiphenyl	*90*		*48 - 120*
2-Fluorophenol	*63*		*35 - 120*
Nitrobenzene-d5	*73*		*46 - 120*
Phenol-d5	*48*		*22 - 120*
p-Terphenyl-d14	*102*		*60 - 148*

Lab Sample ID: MB 480-592847/1-A
Matrix: Water
Analysis Batch: 593070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/13/21 15:45	08/17/21 18:44	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/13/21 15:45	08/17/21 18:44	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/13/21 15:45	08/17/21 18:44	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/13/21 15:45	08/17/21 18:44	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/13/21 15:45	08/17/21 18:44	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/13/21 15:45	08/17/21 18:44	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 18:44	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/13/21 15:45	08/17/21 18:44	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/13/21 15:45	08/17/21 18:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/13/21 15:45	08/17/21 18:44	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 18:44	1
2-Nitroaniline	ND		10	0.42	ug/L		08/13/21 15:45	08/17/21 18:44	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/13/21 15:45	08/17/21 18:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 18:44	1
3-Nitroaniline	ND		10	0.48	ug/L		08/13/21 15:45	08/17/21 18:44	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/13/21 15:45	08/17/21 18:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/13/21 15:45	08/17/21 18:44	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/13/21 15:45	08/17/21 18:44	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/13/21 15:45	08/17/21 18:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/13/21 15:45	08/17/21 18:44	1
4-Methylphenol	ND		10	0.36	ug/L		08/13/21 15:45	08/17/21 18:44	1
4-Nitroaniline	ND		10	0.25	ug/L		08/13/21 15:45	08/17/21 18:44	1
4-Nitrophenol	ND		10	1.5	ug/L		08/13/21 15:45	08/17/21 18:44	1
Acenaphthene	ND		5.0	0.41	ug/L		08/13/21 15:45	08/17/21 18:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/13/21 15:45	08/17/21 18:44	1
Acetophenone	ND		5.0	0.54	ug/L		08/13/21 15:45	08/17/21 18:44	1
Aniline	ND		10	0.61	ug/L		08/13/21 15:45	08/17/21 18:44	1
Anthracene	ND		5.0	0.28	ug/L		08/13/21 15:45	08/17/21 18:44	1
Atrazine	ND		5.0	0.46	ug/L		08/13/21 15:45	08/17/21 18:44	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/13/21 15:45	08/17/21 18:44	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/13/21 15:45	08/17/21 18:44	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/13/21 15:45	08/17/21 18:44	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/13/21 15:45	08/17/21 18:44	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/13/21 15:45	08/17/21 18:44	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/13/21 15:45	08/17/21 18:44	1
Biphenyl	ND		5.0	0.65	ug/L		08/13/21 15:45	08/17/21 18:44	1

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

Lab Sample ID: MB 480-592847/1-A
Matrix: Water
Analysis Batch: 593070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/13/21 15:45	08/17/21 18:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/13/21 15:45	08/17/21 18:44	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 18:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/13/21 15:45	08/17/21 18:44	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/13/21 15:45	08/17/21 18:44	1
Caprolactam	ND		5.0	2.2	ug/L		08/13/21 15:45	08/17/21 18:44	1
Carbazole	ND		5.0	0.30	ug/L		08/13/21 15:45	08/17/21 18:44	1
Chrysene	ND		5.0	0.33	ug/L		08/13/21 15:45	08/17/21 18:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/13/21 15:45	08/17/21 18:44	1
Dibenzofuran	ND		10	0.51	ug/L		08/13/21 15:45	08/17/21 18:44	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/13/21 15:45	08/17/21 18:44	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/13/21 15:45	08/17/21 18:44	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/13/21 15:45	08/17/21 18:44	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/13/21 15:45	08/17/21 18:44	1
Fluoranthene	ND		5.0	0.40	ug/L		08/13/21 15:45	08/17/21 18:44	1
Fluorene	ND		5.0	0.36	ug/L		08/13/21 15:45	08/17/21 18:44	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/13/21 15:45	08/17/21 18:44	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/13/21 15:45	08/17/21 18:44	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/13/21 15:45	08/17/21 18:44	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/13/21 15:45	08/17/21 18:44	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/13/21 15:45	08/17/21 18:44	1
Isophorone	ND		5.0	0.43	ug/L		08/13/21 15:45	08/17/21 18:44	1
Naphthalene	ND		5.0	0.76	ug/L		08/13/21 15:45	08/17/21 18:44	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/13/21 15:45	08/17/21 18:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/13/21 15:45	08/17/21 18:44	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/13/21 15:45	08/17/21 18:44	1
Pentachlorophenol	ND		10	2.2	ug/L		08/13/21 15:45	08/17/21 18:44	1
Phenanthrene	ND		5.0	0.44	ug/L		08/13/21 15:45	08/17/21 18:44	1
Phenol	ND		5.0	0.39	ug/L		08/13/21 15:45	08/17/21 18:44	1
Pyrene	ND		5.0	0.34	ug/L		08/13/21 15:45	08/17/21 18:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*41 - 120*	*08/13/21 15:45*	*08/17/21 18:44*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*08/13/21 15:45*	*08/17/21 18:44*	*1*
2-Fluorophenol	*64*		*35 - 120*	*08/13/21 15:45*	*08/17/21 18:44*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*08/13/21 15:45*	*08/17/21 18:44*	*1*
Phenol-d5	*49*		*22 - 120*	*08/13/21 15:45*	*08/17/21 18:44*	*1*
p-Terphenyl-d14	*114*		*60 - 148*	*08/13/21 15:45*	*08/17/21 18:44*	*1*

Lab Sample ID: LCS 480-592847/2-A
Matrix: Water
Analysis Batch: 593070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	26.7		ug/L		83	65 - 126
2,4,6-Trichlorophenol	32.0	25.6		ug/L		80	64 - 120
2,4-Dichlorophenol	32.0	24.3		ug/L		76	63 - 120
2,4-Dimethylphenol	32.0	24.4		ug/L		76	47 - 120

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

Lab Sample ID: LCS 480-592847/2-A
Matrix: Water
Analysis Batch: 593070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	64.0	42.9		ug/L		67	31 - 137
2,4-Dinitrotoluene	32.0	28.1		ug/L		88	69 - 120
2,6-Dinitrotoluene	32.0	28.3		ug/L		88	68 - 120
2-Chloronaphthalene	32.0	23.7		ug/L		74	58 - 120
2-Chlorophenol	32.0	20.4		ug/L		64	48 - 120
2-Methylnaphthalene	32.0	23.3		ug/L		73	59 - 120
2-Methylphenol	32.0	18.4		ug/L		58	39 - 120
2-Nitroaniline	32.0	24.3		ug/L		76	54 - 127
2-Nitrophenol	32.0	23.4		ug/L		73	52 - 125
3,3'-Dichlorobenzidine	64.0	50.3		ug/L		79	49 - 135
3-Nitroaniline	32.0	24.5		ug/L		76	51 - 120
4,6-Dinitro-2-methylphenol	64.0	49.5		ug/L		77	46 - 136
4-Bromophenyl phenyl ether	32.0	28.1		ug/L		88	65 - 120
4-Chloro-3-methylphenol	32.0	24.7		ug/L		77	61 - 123
4-Chloroaniline	32.0	24.1		ug/L		75	30 - 120
4-Chlorophenyl phenyl ether	32.0	26.6		ug/L		83	62 - 120
4-Methylphenol	32.0	18.7		ug/L		59	29 - 131
4-Nitroaniline	32.0	25.7		ug/L		80	65 - 120
4-Nitrophenol	64.0	36.6		ug/L		57	45 - 120
Acenaphthene	32.0	24.7		ug/L		77	60 - 120
Acenaphthylene	32.0	25.5		ug/L		80	63 - 120
Acetophenone	32.0	21.2		ug/L		66	45 - 120
Aniline	32.0	17.6		ug/L		55	12 - 120
Anthracene	32.0	25.8		ug/L		80	67 - 120
Atrazine	64.0	61.1		ug/L		95	71 - 130
Benzaldehyde	64.0	35.9		ug/L		56	10 - 140
Benzo(a)anthracene	32.0	27.4		ug/L		86	70 - 121
Benzo(a)pyrene	32.0	25.9		ug/L		81	60 - 123
Benzo(b)fluoranthene	32.0	27.2		ug/L		85	66 - 126
Benzo(g,h,i)perylene	32.0	29.8		ug/L		93	66 - 150
Benzo(k)fluoranthene	32.0	27.6		ug/L		86	65 - 124
Biphenyl	32.0	24.2		ug/L		76	59 - 120
bis (2-chloroisopropyl) ether	32.0	15.3		ug/L		48	21 - 136
Bis(2-chloroethoxy)methane	32.0	22.0		ug/L		69	50 - 128
Bis(2-chloroethyl)ether	32.0	18.8		ug/L		59	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	26.4		ug/L		83	63 - 139
Butyl benzyl phthalate	32.0	27.2		ug/L		85	70 - 129
Caprolactam	64.0	20.4		ug/L		32	22 - 120
Carbazole	32.0	27.4		ug/L		86	66 - 123
Chrysene	32.0	26.8		ug/L		84	69 - 120
Dibenz(a,h)anthracene	32.0	29.4		ug/L		92	65 - 135
Dibenzofuran	32.0	25.3		ug/L		79	66 - 120
Diethyl phthalate	32.0	26.8		ug/L		84	59 - 127
Dimethyl phthalate	32.0	27.6		ug/L		86	68 - 120
Di-n-butyl phthalate	32.0	27.7		ug/L		86	69 - 131
Di-n-octyl phthalate	32.0	26.3		ug/L		82	63 - 140
Fluoranthene	32.0	26.8		ug/L		84	69 - 126
Fluorene	32.0	25.8		ug/L		81	66 - 120
Hexachlorobenzene	32.0	27.7		ug/L		87	61 - 120

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

Lab Sample ID: LCS 480-592847/2-A
Matrix: Water
Analysis Batch: 593070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	32.0	23.5		ug/L		73	35 - 120
Hexachlorocyclopentadiene	32.0	11.0		ug/L		34	31 - 120
Hexachloroethane	32.0	18.5		ug/L		58	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	28.1		ug/L		88	69 - 146
Isophorone	32.0	22.4		ug/L		70	55 - 120
Naphthalene	32.0	22.0		ug/L		69	57 - 120
Nitrobenzene	32.0	21.0		ug/L		65	53 - 123
N-Nitrosodi-n-propylamine	32.0	19.4		ug/L		61	32 - 140
N-Nitrosodiphenylamine	32.0	26.1		ug/L		82	61 - 120
Pentachlorophenol	64.0	37.2		ug/L		58	29 - 136
Phenanthrene	32.0	26.3		ug/L		82	68 - 120
Phenol	32.0	11.8		ug/L		37	17 - 120
Pyrene	32.0	26.9		ug/L		84	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*87*		*41 - 120*
2-Fluorobiphenyl	*78*		*48 - 120*
2-Fluorophenol	*50*		*35 - 120*
Nitrobenzene-d5	*62*		*46 - 120*
Phenol-d5	*36*		*22 - 120*
p-Terphenyl-d14	*91*		*60 - 148*

Lab Sample ID: 480-188171-5 MS
Matrix: Ground Water
Analysis Batch: 593070

Client Sample ID: BCC Area C_RFI-20_0821
Prep Type: Total/NA
Prep Batch: 592847

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		32.0	38.1		ug/L		119	65 - 126
2,4,6-Trichlorophenol	ND		32.0	34.1		ug/L		107	64 - 120
2,4-Dichlorophenol	ND		32.0	32.8		ug/L		102	48 - 132
2,4-Dimethylphenol	ND		32.0	30.2		ug/L		95	39 - 130
2,4-Dinitrophenol	ND		64.0	63.2		ug/L		99	21 - 150
2,4-Dinitrotoluene	ND		32.0	36.2		ug/L		113	54 - 138
2,6-Dinitrotoluene	ND		32.0	36.3		ug/L		114	17 - 150
2-Chloronaphthalene	ND		32.0	29.8		ug/L		93	52 - 124
2-Chlorophenol	ND		32.0	26.9		ug/L		84	48 - 120
2-Methylnaphthalene	ND		32.0	29.2		ug/L		91	34 - 140
2-Methylphenol	ND		32.0	26.1		ug/L		81	46 - 120
2-Nitroaniline	ND		32.0	33.1		ug/L		104	44 - 136
2-Nitrophenol	ND		32.0	30.5		ug/L		95	38 - 141
3,3'-Dichlorobenzidine	ND	F2	64.0	44.1		ug/L		69	10 - 150
3-Nitroaniline	ND		32.0	29.5		ug/L		92	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	66.1		ug/L		103	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	35.6		ug/L		111	63 - 126
4-Chloro-3-methylphenol	ND		32.0	34.1		ug/L		107	64 - 127
4-Chloroaniline	ND		32.0	26.4		ug/L		83	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	34.9		ug/L		109	61 - 120
4-Methylphenol	ND		32.0	25.5		ug/L		80	36 - 120

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

Lab Sample ID: 480-188171-5 MS
Matrix: Ground Water
Analysis Batch: 593070

Client Sample ID: BCC Area C_RFI-20_0821
Prep Type: Total/NA
Prep Batch: 592847

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitroaniline	ND		32.0	31.5		ug/L		98	32 - 150
4-Nitrophenol	ND		64.0	48.6		ug/L		76	23 - 132
Acenaphthene	ND		32.0	31.2		ug/L		98	48 - 120
Acenaphthylene	ND		32.0	32.8		ug/L		103	63 - 120
Acetophenone	ND		32.0	26.9		ug/L		84	53 - 120
Aniline	ND		32.0	21.8		ug/L		68	32 - 120
Anthracene	ND		32.0	28.0		ug/L		87	65 - 122
Atrazine	ND		64.0	77.4		ug/L		121	50 - 150
Benzaldehyde	ND		64.0	49.6		ug/L		77	10 - 150
Benzo(a)anthracene	ND		32.0	26.0		ug/L		81	43 - 124
Benzo(a)pyrene	ND		32.0	20.5		ug/L		64	23 - 125
Benzo(b)fluoranthene	ND		32.0	21.9		ug/L		69	27 - 127
Benzo(g,h,i)perylene	ND		32.0	21.7		ug/L		68	16 - 147
Benzo(k)fluoranthene	ND		32.0	20.8		ug/L		65	20 - 124
Biphenyl	ND		32.0	31.1		ug/L		97	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	19.4		ug/L		61	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	27.2		ug/L		85	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	24.6		ug/L		77	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	21.5		ug/L		67	16 - 150
Butyl benzyl phthalate	ND		32.0	30.1		ug/L		94	51 - 140
Caprolactam	ND		64.0	26.0		ug/L		41	10 - 120
Carbazole	ND		32.0	33.8		ug/L		106	16 - 148
Chrysene	ND		32.0	24.5		ug/L		77	44 - 122
Dibenz(a,h)anthracene	ND		32.0	22.2		ug/L		69	16 - 139
Dibenzofuran	ND		32.0	32.9		ug/L		103	60 - 120
Diethyl phthalate	ND		32.0	34.8		ug/L		109	53 - 133
Dimethyl phthalate	ND		32.0	35.7		ug/L		111	59 - 123
Di-n-butyl phthalate	0.33	J	32.0	31.9		ug/L		99	65 - 129
Di-n-octyl phthalate	ND		32.0	21.8		ug/L		68	16 - 150
Fluoranthene	ND		32.0	31.2		ug/L		98	63 - 129
Fluorene	ND		32.0	33.7		ug/L		105	62 - 120
Hexachlorobenzene	ND		32.0	32.0		ug/L		100	57 - 121
Hexachlorobutadiene	ND		32.0	28.3		ug/L		88	37 - 120
Hexachlorocyclopentadiene	ND		32.0	16.9		ug/L		53	21 - 120
Hexachloroethane	ND		32.0	23.0		ug/L		72	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	21.3		ug/L		67	16 - 140
Isophorone	ND		32.0	28.2		ug/L		88	48 - 133
Naphthalene	ND		32.0	26.8		ug/L		84	45 - 120
Nitrobenzene	ND		32.0	27.1		ug/L		85	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	24.9		ug/L		78	49 - 120
N-Nitrosodiphenylamine	ND		32.0	28.5		ug/L		89	39 - 138
Pentachlorophenol	ND		64.0	57.4		ug/L		90	23 - 149
Phenanthrene	ND		32.0	34.5		ug/L		108	65 - 122
Phenol	ND		32.0	15.4		ug/L		48	16 - 120
Pyrene	ND		32.0	33.1		ug/L		104	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*105*		*41 - 120*

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

Lab Sample ID: 480-188171-5 MS
Matrix: Ground Water
Analysis Batch: 593070

Client Sample ID: BCC Area C_RFI-20_0821
Prep Type: Total/NA
Prep Batch: 592847

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*88*		*48 - 120*
2-Fluorophenol	*55*		*35 - 120*
Nitrobenzene-d5	*69*		*46 - 120*
Phenol-d5	*42*		*22 - 120*
p-Terphenyl-d14	*70*		*60 - 148*

Lab Sample ID: 480-188171-5 MSD
Matrix: Ground Water
Analysis Batch: 593070

Client Sample ID: BCC Area C_RFI-20_0821
Prep Type: Total/NA
Prep Batch: 592847

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	35.4		ug/L		111	65 - 126	7	18
2,4,6-Trichlorophenol	ND		32.0	32.0		ug/L		100	64 - 120	6	19
2,4-Dichlorophenol	ND		32.0	30.6		ug/L		96	48 - 132	7	19
2,4-Dimethylphenol	ND		32.0	29.7		ug/L		93	39 - 130	2	42
2,4-Dinitrophenol	ND		64.0	60.9		ug/L		95	21 - 150	4	22
2,4-Dinitrotoluene	ND		32.0	35.3		ug/L		110	54 - 138	2	20
2,6-Dinitrotoluene	ND		32.0	34.8		ug/L		109	17 - 150	4	15
2-Chloronaphthalene	ND		32.0	29.1		ug/L		91	52 - 124	3	21
2-Chlorophenol	ND		32.0	26.4		ug/L		83	48 - 120	2	25
2-Methylnaphthalene	ND		32.0	29.1		ug/L		91	34 - 140	1	21
2-Methylphenol	ND		32.0	23.3		ug/L		73	46 - 120	11	27
2-Nitroaniline	ND		32.0	29.4		ug/L		92	44 - 136	12	15
2-Nitrophenol	ND		32.0	30.2		ug/L		94	38 - 141	1	18
3,3'-Dichlorobenzidine	ND	F2	64.0	32.4	F2	ug/L		51	10 - 150	31	25
3-Nitroaniline	ND		32.0	27.8		ug/L		87	32 - 150	6	19
4,6-Dinitro-2-methylphenol	ND		64.0	65.1		ug/L		102	38 - 150	2	15
4-Bromophenyl phenyl ether	ND		32.0	35.1		ug/L		110	63 - 126	1	15
4-Chloro-3-methylphenol	ND		32.0	31.9		ug/L		100	64 - 127	7	27
4-Chloroaniline	ND		32.0	24.4		ug/L		76	16 - 124	8	22
4-Chlorophenyl phenyl ether	ND		32.0	33.2		ug/L		104	61 - 120	5	16
4-Methylphenol	ND		32.0	23.8		ug/L		74	36 - 120	7	24
4-Nitroaniline	ND		32.0	30.9		ug/L		97	32 - 150	2	24
4-Nitrophenol	ND		64.0	46.6		ug/L		73	23 - 132	4	48
Acenaphthene	ND		32.0	31.0		ug/L		97	48 - 120	1	24
Acenaphthylene	ND		32.0	31.4		ug/L		98	63 - 120	5	18
Acetophenone	ND		32.0	26.8		ug/L		84	53 - 120	0	20
Aniline	ND		32.0	21.8		ug/L		68	32 - 120	0	30
Anthracene	ND		32.0	25.6		ug/L		80	65 - 122	9	15
Atrazine	ND		64.0	72.5		ug/L		113	50 - 150	7	20
Benzaldehyde	ND		64.0	47.8		ug/L		75	10 - 150	4	20
Benzo(a)anthracene	ND		32.0	24.4		ug/L		76	43 - 124	6	15
Benzo(a)pyrene	ND		32.0	18.8		ug/L		59	23 - 125	8	15
Benzo(b)fluoranthene	ND		32.0	20.9		ug/L		65	27 - 127	5	15
Benzo(g,h,i)perylene	ND		32.0	19.5		ug/L		61	16 - 147	11	15
Benzo(k)fluoranthene	ND		32.0	20.3		ug/L		64	20 - 124	2	22
Biphenyl	ND		32.0	30.0		ug/L		94	57 - 120	4	20
bis (2-chloroisopropyl) ether	ND		32.0	19.5		ug/L		61	28 - 121	1	24

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

Lab Sample ID: 480-188171-5 MSD — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 593070 — **Prep Batch: 592847**

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	27.1		ug/L		85	44 - 128	0	17
Bis(2-chloroethyl)ether	ND		32.0	25.6		ug/L		80	45 - 120	4	21
Bis(2-ethylhexyl) phthalate	ND		32.0	20.1		ug/L		63	16 - 150	7	15
Butyl benzyl phthalate	ND		32.0	28.9		ug/L		90	51 - 140	4	16
Caprolactam	ND		64.0	24.0		ug/L		38	10 - 120	8	20
Carbazole	ND		32.0	32.7		ug/L		102	16 - 148	3	20
Chrysene	ND		32.0	23.7		ug/L		74	44 - 122	4	15
Dibenz(a,h)anthracene	ND		32.0	20.5		ug/L		64	16 - 139	8	15
Dibenzofuran	ND		32.0	31.0		ug/L		97	60 - 120	6	15
Diethyl phthalate	ND		32.0	33.3		ug/L		104	53 - 133	4	15
Dimethyl phthalate	ND		32.0	33.6		ug/L		105	59 - 123	6	15
Di-n-butyl phthalate	0.33	J	32.0	31.5		ug/L		97	65 - 129	2	15
Di-n-octyl phthalate	ND		32.0	19.9		ug/L		62	16 - 150	9	16
Fluoranthene	ND		32.0	30.4		ug/L		95	63 - 129	3	15
Fluorene	ND		32.0	31.8		ug/L		99	62 - 120	6	15
Hexachlorobenzene	ND		32.0	31.0		ug/L		97	57 - 121	3	15
Hexachlorobutadiene	ND		32.0	28.6		ug/L		89	37 - 120	1	44
Hexachlorocyclopentadiene	ND		32.0	17.7		ug/L		55	21 - 120	5	49
Hexachloroethane	ND		32.0	23.7		ug/L		74	16 - 130	3	46
Indeno(1,2,3-cd)pyrene	ND		32.0	19.9		ug/L		62	16 - 140	7	15
Isophorone	ND		32.0	27.6		ug/L		86	48 - 133	2	17
Naphthalene	ND		32.0	26.8		ug/L		84	45 - 120	0	29
Nitrobenzene	ND		32.0	26.6		ug/L		83	45 - 123	2	24
N-Nitrosodi-n-propylamine	ND		32.0	25.1		ug/L		78	49 - 120	1	31
N-Nitrosodiphenylamine	ND		32.0	25.6		ug/L		80	39 - 138	11	15
Pentachlorophenol	ND		64.0	53.3		ug/L		83	23 - 149	7	37
Phenanthrene	ND		32.0	31.7		ug/L		99	65 - 122	8	15
Phenol	ND		32.0	14.2		ug/L		44	16 - 120	8	34
Pyrene	ND		32.0	31.6		ug/L		99	58 - 128	5	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*110*		*41 - 120*
2-Fluorobiphenyl	*96*		*48 - 120*
2-Fluorophenol	*62*		*35 - 120*
Nitrobenzene-d5	*77*		*46 - 120*
Phenol-d5	*45*		*22 - 120*
p-Terphenyl-d14	*74*		*60 - 148*

Lab Sample ID: MB 480-593315/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 593404 — **Prep Batch: 593315**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/18/21 15:40	08/19/21 13:55	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/18/21 15:40	08/19/21 13:55	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/18/21 15:40	08/19/21 13:55	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/18/21 15:40	08/19/21 13:55	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/18/21 15:40	08/19/21 13:55	1

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

Lab Sample ID: MB 480-593315/1-A
Matrix: Water
Analysis Batch: 593404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 593315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/18/21 15:40	08/19/21 13:55	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/18/21 15:40	08/19/21 13:55	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/18/21 15:40	08/19/21 13:55	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/18/21 15:40	08/19/21 13:55	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/21 15:40	08/19/21 13:55	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/18/21 15:40	08/19/21 13:55	1
2-Nitroaniline	ND		10	0.42	ug/L		08/18/21 15:40	08/19/21 13:55	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/18/21 15:40	08/19/21 13:55	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/18/21 15:40	08/19/21 13:55	1
3-Nitroaniline	ND		10	0.48	ug/L		08/18/21 15:40	08/19/21 13:55	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/18/21 15:40	08/19/21 13:55	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/18/21 15:40	08/19/21 13:55	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/18/21 15:40	08/19/21 13:55	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/18/21 15:40	08/19/21 13:55	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/18/21 15:40	08/19/21 13:55	1
4-Methylphenol	ND		10	0.36	ug/L		08/18/21 15:40	08/19/21 13:55	1
4-Nitroaniline	ND		10	0.25	ug/L		08/18/21 15:40	08/19/21 13:55	1
4-Nitrophenol	ND		10	1.5	ug/L		08/18/21 15:40	08/19/21 13:55	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/21 15:40	08/19/21 13:55	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/21 15:40	08/19/21 13:55	1
Acetophenone	ND		5.0	0.54	ug/L		08/18/21 15:40	08/19/21 13:55	1
Aniline	ND		10	0.61	ug/L		08/18/21 15:40	08/19/21 13:55	1
Anthracene	ND		5.0	0.28	ug/L		08/18/21 15:40	08/19/21 13:55	1
Atrazine	ND		5.0	0.46	ug/L		08/18/21 15:40	08/19/21 13:55	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/18/21 15:40	08/19/21 13:55	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/18/21 15:40	08/19/21 13:55	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/18/21 15:40	08/19/21 13:55	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/18/21 15:40	08/19/21 13:55	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/18/21 15:40	08/19/21 13:55	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/18/21 15:40	08/19/21 13:55	1
Biphenyl	ND		5.0	0.65	ug/L		08/18/21 15:40	08/19/21 13:55	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/18/21 15:40	08/19/21 13:55	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/18/21 15:40	08/19/21 13:55	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/18/21 15:40	08/19/21 13:55	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/18/21 15:40	08/19/21 13:55	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/18/21 15:40	08/19/21 13:55	1
Caprolactam	ND		5.0	2.2	ug/L		08/18/21 15:40	08/19/21 13:55	1
Carbazole	ND		5.0	0.30	ug/L		08/18/21 15:40	08/19/21 13:55	1
Chrysene	ND		5.0	0.33	ug/L		08/18/21 15:40	08/19/21 13:55	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/21 15:40	08/19/21 13:55	1
Dibenzofuran	ND		10	0.51	ug/L		08/18/21 15:40	08/19/21 13:55	1
Diethyl phthalate	0.504	J	5.0	0.22	ug/L		08/18/21 15:40	08/19/21 13:55	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/18/21 15:40	08/19/21 13:55	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/18/21 15:40	08/19/21 13:55	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/18/21 15:40	08/19/21 13:55	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/21 15:40	08/19/21 13:55	1
Fluorene	ND		5.0	0.36	ug/L		08/18/21 15:40	08/19/21 13:55	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/18/21 15:40	08/19/21 13:55	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/18/21 15:40	08/19/21 13:55	1

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

Lab Sample ID: MB 480-593315/1-A
Matrix: Water
Analysis Batch: 593404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 593315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/18/21 15:40	08/19/21 13:55	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/18/21 15:40	08/19/21 13:55	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/18/21 15:40	08/19/21 13:55	1
Isophorone	ND		5.0	0.43	ug/L		08/18/21 15:40	08/19/21 13:55	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/21 15:40	08/19/21 13:55	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/18/21 15:40	08/19/21 13:55	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/18/21 15:40	08/19/21 13:55	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/18/21 15:40	08/19/21 13:55	1
Pentachlorophenol	ND		10	2.2	ug/L		08/18/21 15:40	08/19/21 13:55	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/21 15:40	08/19/21 13:55	1
Phenol	ND		5.0	0.39	ug/L		08/18/21 15:40	08/19/21 13:55	1
Pyrene	ND		5.0	0.34	ug/L		08/18/21 15:40	08/19/21 13:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*41 - 120*	*08/18/21 15:40*	*08/19/21 13:55*	*1*
2-Fluorobiphenyl	*93*		*48 - 120*	*08/18/21 15:40*	*08/19/21 13:55*	*1*
2-Fluorophenol	*61*		*35 - 120*	*08/18/21 15:40*	*08/19/21 13:55*	*1*
Nitrobenzene-d5	*76*		*46 - 120*	*08/18/21 15:40*	*08/19/21 13:55*	*1*
Phenol-d5	*46*		*22 - 120*	*08/18/21 15:40*	*08/19/21 13:55*	*1*
p-Terphenyl-d14	*108*		*60 - 148*	*08/18/21 15:40*	*08/19/21 13:55*	*1*

Lab Sample ID: LCS 480-593315/2-A
Matrix: Water
Analysis Batch: 593404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 593315

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	32.0	35.2		ug/L		110	65 - 126
2,4,6-Trichlorophenol	32.0	33.7		ug/L		105	64 - 120
2,4-Dichlorophenol	32.0	33.4		ug/L		104	63 - 120
2,4-Dimethylphenol	32.0	32.3		ug/L		101	47 - 120
2,4-Dinitrophenol	64.0	59.7		ug/L		93	31 - 137
2,4-Dinitrotoluene	32.0	35.7		ug/L		111	69 - 120
2,6-Dinitrotoluene	32.0	36.7		ug/L		115	68 - 120
2-Chloronaphthalene	32.0	30.8		ug/L		96	58 - 120
2-Chlorophenol	32.0	28.8		ug/L		90	48 - 120
2-Methylnaphthalene	32.0	31.6		ug/L		99	59 - 120
2-Methylphenol	32.0	25.8		ug/L		81	39 - 120
2-Nitroaniline	32.0	31.3		ug/L		98	54 - 127
2-Nitrophenol	32.0	32.5		ug/L		102	52 - 125
3,3'-Dichlorobenzidine	64.0	64.1		ug/L		100	49 - 135
3-Nitroaniline	32.0	31.2		ug/L		98	51 - 120
4,6-Dinitro-2-methylphenol	64.0	64.3		ug/L		100	46 - 136
4-Bromophenyl phenyl ether	32.0	37.2		ug/L		116	65 - 120
4-Chloro-3-methylphenol	32.0	33.8		ug/L		106	61 - 123
4-Chloroaniline	32.0	29.7		ug/L		93	30 - 120
4-Chlorophenyl phenyl ether	32.0	35.4		ug/L		111	62 - 120
4-Methylphenol	32.0	25.5		ug/L		80	29 - 131
4-Nitroaniline	32.0	32.5		ug/L		102	65 - 120

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

Lab Sample ID: LCS 480-593315/2-A
Matrix: Water
Analysis Batch: 593404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 593315

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitrophenol	64.0	47.7		ug/L		75	45 - 120
Acenaphthene	32.0	32.5		ug/L		102	60 - 120
Acenaphthylene	32.0	33.9		ug/L		106	63 - 120
Acetophenone	32.0	29.5		ug/L		92	45 - 120
Aniline	32.0	22.9		ug/L		71	12 - 120
Anthracene	32.0	33.1		ug/L		103	67 - 120
Atrazine	64.0	72.7		ug/L		114	71 - 130
Benzaldehyde	64.0	53.0		ug/L		83	10 - 140
Benzo(a)anthracene	32.0	34.9		ug/L		109	70 - 121
Benzo(a)pyrene	32.0	32.1		ug/L		100	60 - 123
Benzo(b)fluoranthene	32.0	33.5		ug/L		105	66 - 126
Benzo(g,h,i)perylene	32.0	34.6		ug/L		108	66 - 150
Benzo(k)fluoranthene	32.0	31.8		ug/L		99	65 - 124
Biphenyl	32.0	32.0		ug/L		100	59 - 120
bis (2-chloroisopropyl) ether	32.0	21.3		ug/L		67	21 - 136
Bis(2-chloroethoxy)methane	32.0	29.4		ug/L		92	50 - 128
Bis(2-chloroethyl)ether	32.0	26.7		ug/L		83	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	33.8		ug/L		106	63 - 139
Butyl benzyl phthalate	32.0	34.7		ug/L		109	70 - 129
Caprolactam	64.0	25.4		ug/L		40	22 - 120
Carbazole	32.0	34.5		ug/L		108	66 - 123
Chrysene	32.0	34.3		ug/L		107	69 - 120
Dibenz(a,h)anthracene	32.0	35.6		ug/L		111	65 - 135
Dibenzofuran	32.0	32.8		ug/L		103	66 - 120
Diethyl phthalate	32.0	35.0		ug/L		109	59 - 127
Dimethyl phthalate	32.0	35.0		ug/L		109	68 - 120
Di-n-butyl phthalate	32.0	34.7		ug/L		108	69 - 131
Di-n-octyl phthalate	32.0	32.7		ug/L		102	63 - 140
Fluoranthene	32.0	34.6		ug/L		108	69 - 126
Fluorene	32.0	33.8		ug/L		106	66 - 120
Hexachlorobenzene	32.0	34.8		ug/L		109	61 - 120
Hexachlorobutadiene	32.0	33.3		ug/L		104	35 - 120
Hexachlorocyclopentadiene	32.0	15.2		ug/L		48	31 - 120
Hexachloroethane	32.0	27.3		ug/L		85	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	34.1		ug/L		107	69 - 146
Isophorone	32.0	29.7		ug/L		93	55 - 120
Naphthalene	32.0	30.4		ug/L		95	57 - 120
Nitrobenzene	32.0	28.9		ug/L		90	53 - 123
N-Nitrosodi-n-propylamine	32.0	27.3		ug/L		85	32 - 140
N-Nitrosodiphenylamine	32.0	33.5		ug/L		105	61 - 120
Pentachlorophenol	64.0	54.0		ug/L		84	29 - 136
Phenanthrene	32.0	33.4		ug/L		104	68 - 120
Phenol	32.0	16.0		ug/L		50	17 - 120
Pyrene	32.0	34.7		ug/L		108	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*117*		*41 - 120*
2-Fluorobiphenyl	*104*		*48 - 120*

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

Lab Sample ID: LCS 480-593315/2-A
Matrix: Water
Analysis Batch: 593404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 593315

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*67*		*35 - 120*
Nitrobenzene-d5	*83*		*46 - 120*
Phenol-d5	*50*		*22 - 120*
p-Terphenyl-d14	*111*		*60 - 148*

Lab Sample ID: LCSD 480-593315/3-A
Matrix: Water
Analysis Batch: 593404

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 593315

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	32.0	31.5		ug/L		99	65 - 126	11	18
2,4,6-Trichlorophenol	32.0	31.2		ug/L		97	64 - 120	8	19
2,4-Dichlorophenol	32.0	29.5		ug/L		92	63 - 120	12	19
2,4-Dimethylphenol	32.0	29.3		ug/L		92	47 - 120	10	42
2,4-Dinitrophenol	64.0	51.1		ug/L		80	31 - 137	16	22
2,4-Dinitrotoluene	32.0	32.9		ug/L		103	69 - 120	8	20
2,6-Dinitrotoluene	32.0	32.4		ug/L		101	68 - 120	12	15
2-Chloronaphthalene	32.0	28.5		ug/L		89	58 - 120	8	21
2-Chlorophenol	32.0	26.3		ug/L		82	48 - 120	9	25
2-Methylnaphthalene	32.0	28.7		ug/L		90	59 - 120	10	21
2-Methylphenol	32.0	23.9		ug/L		75	39 - 120	8	27
2-Nitroaniline	32.0	28.3		ug/L		88	54 - 127	10	15
2-Nitrophenol	32.0	29.7		ug/L		93	52 - 125	9	18
3,3'-Dichlorobenzidine	64.0	56.4		ug/L		88	49 - 135	13	25
3-Nitroaniline	32.0	27.7		ug/L		87	51 - 120	12	19
4,6-Dinitro-2-methylphenol	64.0	56.8		ug/L		89	46 - 136	12	15
4-Bromophenyl phenyl ether	32.0	32.8		ug/L		102	65 - 120	13	15
4-Chloro-3-methylphenol	32.0	29.4		ug/L		92	61 - 123	14	27
4-Chloroaniline	32.0	27.5		ug/L		86	30 - 120	8	22
4-Chlorophenyl phenyl ether	32.0	30.7		ug/L		96	62 - 120	14	16
4-Methylphenol	32.0	23.4		ug/L		73	29 - 131	9	24
4-Nitroaniline	32.0	28.8		ug/L		90	65 - 120	12	24
4-Nitrophenol	64.0	42.9		ug/L		67	45 - 120	11	48
Acenaphthene	32.0	29.2		ug/L		91	60 - 120	11	24
Acenaphthylene	32.0	30.2		ug/L		94	63 - 120	12	18
Acetophenone	32.0	26.6		ug/L		83	45 - 120	10	20
Aniline	32.0	21.4		ug/L		67	12 - 120	7	30
Anthracene	32.0	29.2		ug/L		91	67 - 120	12	15
Atrazine	64.0	65.6		ug/L		102	71 - 130	10	20
Benzaldehyde	64.0	46.6		ug/L		73	10 - 140	13	20
Benzo(a)anthracene	32.0	29.9		ug/L		94	70 - 121	15	15
Benzo(a)pyrene	32.0	28.6		ug/L		89	60 - 123	11	15
Benzo(b)fluoranthene	32.0	30.7		ug/L		96	66 - 126	9	15
Benzo(g,h,i)perylene	32.0	31.8		ug/L		99	66 - 150	9	15
Benzo(k)fluoranthene	32.0	28.7		ug/L		90	65 - 124	10	22
Biphenyl	32.0	29.3		ug/L		92	59 - 120	9	20
bis (2-chloroisopropyl) ether	32.0	19.2		ug/L		60	21 - 136	10	24
Bis(2-chloroethoxy)methane	32.0	26.5		ug/L		83	50 - 128	10	17

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

Lab Sample ID: LCSD 480-593315/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 593404 — **Prep Batch: 593315**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	32.0	24.5		ug/L		76	44 - 120	9	21
Bis(2-ethylhexyl) phthalate	32.0	29.3		ug/L		91	63 - 139	14	15
Butyl benzyl phthalate	32.0	29.7		ug/L		93	70 - 129	16	16
Caprolactam	64.0	24.6		ug/L		38	22 - 120	3	20
Carbazole	32.0	30.0		ug/L		94	66 - 123	14	20
Chrysene	32.0	29.2	*1	ug/L		91	69 - 120	16	15
Dibenz(a,h)anthracene	32.0	31.9		ug/L		100	65 - 135	11	15
Dibenzofuran	32.0	29.4		ug/L		92	66 - 120	11	15
Diethyl phthalate	32.0	31.2		ug/L		98	59 - 127	11	15
Dimethyl phthalate	32.0	30.9		ug/L		96	68 - 120	13	15
Di-n-butyl phthalate	32.0	30.7		ug/L		96	69 - 131	12	15
Di-n-octyl phthalate	32.0	28.7		ug/L		90	63 - 140	13	16
Fluoranthene	32.0	30.3		ug/L		95	69 - 126	13	15
Fluorene	32.0	29.9		ug/L		93	66 - 120	12	15
Hexachlorobenzene	32.0	30.4		ug/L		95	61 - 120	14	15
Hexachlorobutadiene	32.0	30.4		ug/L		95	35 - 120	9	44
Hexachlorocyclopentadiene	32.0	14.5		ug/L		45	31 - 120	5	49
Hexachloroethane	32.0	24.3		ug/L		76	43 - 120	12	46
Indeno(1,2,3-cd)pyrene	32.0	30.1		ug/L		94	69 - 146	12	15
Isophorone	32.0	26.3		ug/L		82	55 - 120	12	17
Naphthalene	32.0	27.4		ug/L		86	57 - 120	10	29
Nitrobenzene	32.0	25.8		ug/L		81	53 - 123	11	24
N-Nitrosodi-n-propylamine	32.0	23.9		ug/L		75	32 - 140	13	31
N-Nitrosodiphenylamine	32.0	30.1		ug/L		94	61 - 120	10	15
Pentachlorophenol	64.0	45.4		ug/L		71	29 - 136	17	37
Phenanthrene	32.0	29.7		ug/L		93	68 - 120	12	15
Phenol	32.0	15.4		ug/L		48	17 - 120	4	34
Pyrene	32.0	29.7		ug/L		93	70 - 125	15	19

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*103*		*41 - 120*
2-Fluorobiphenyl	*93*		*48 - 120*
2-Fluorophenol	*64*		*35 - 120*
Nitrobenzene-d5	*76*		*46 - 120*
Phenol-d5	*49*		*22 - 120*
p-Terphenyl-d14	*98*		*60 - 148*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-592576/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592760 — **Prep Batch: 592576**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/12/21 09:10	08/12/21 16:46	1
Antimony	ND		0.020	0.0068	mg/L		08/12/21 09:10	08/12/21 16:46	1
Arsenic	ND		0.015	0.0056	mg/L		08/12/21 09:10	08/12/21 16:46	1
Barium	ND		0.0020	0.00070	mg/L		08/12/21 09:10	08/12/21 16:46	1
Beryllium	ND		0.0020	0.00030	mg/L		08/12/21 09:10	08/12/21 16:46	1

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

Lab Sample ID: MB 480-592576/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592760 — **Prep Batch: 592576**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 16:46	1
Chromium	ND		0.0040	0.0010	mg/L		08/12/21 09:10	08/12/21 16:46	1
Cobalt	ND		0.0040	0.00063	mg/L		08/12/21 09:10	08/12/21 16:46	1
Copper	ND		0.010	0.0016	mg/L		08/12/21 09:10	08/12/21 16:46	1
Iron	ND		0.050	0.019	mg/L		08/12/21 09:10	08/12/21 16:46	1
Lead	ND		0.010	0.0030	mg/L		08/12/21 09:10	08/12/21 16:46	1
Magnesium	ND		0.20	0.043	mg/L		08/12/21 09:10	08/12/21 16:46	1
Nickel	ND		0.010	0.0013	mg/L		08/12/21 09:10	08/12/21 16:46	1
Potassium	ND		0.50	0.10	mg/L		08/12/21 09:10	08/12/21 16:46	1
Selenium	ND		0.025	0.0087	mg/L		08/12/21 09:10	08/12/21 16:46	1
Silver	ND		0.0060	0.0017	mg/L		08/12/21 09:10	08/12/21 16:46	1
Sodium	ND		1.0	0.32	mg/L		08/12/21 09:10	08/12/21 16:46	1
Thallium	ND		0.020	0.010	mg/L		08/12/21 09:10	08/12/21 16:46	1
Vanadium	ND		0.0050	0.0015	mg/L		08/12/21 09:10	08/12/21 16:46	1
Zinc	0.00271	J	0.010	0.0015	mg/L		08/12/21 09:10	08/12/21 16:46	1

Lab Sample ID: MB 480-592576/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592932 — **Prep Batch: 592576**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0020	0.00050	mg/L		08/12/21 09:10	08/13/21 14:10	1
Manganese	ND		0.0030	0.00040	mg/L		08/12/21 09:10	08/13/21 14:10	1

Lab Sample ID: LCS 480-592576/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592760 — **Prep Batch: 592576**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.06		mg/L		101	80 - 120
Antimony	0.400	0.408		mg/L		102	80 - 120
Arsenic	0.400	0.407		mg/L		102	80 - 120
Barium	0.200	0.209		mg/L		104	80 - 120
Beryllium	0.400	0.439		mg/L		110	80 - 120
Calcium	20.0	20.04		mg/L		100	80 - 120
Chromium	0.400	0.382		mg/L		96	80 - 120
Cobalt	0.400	0.413		mg/L		103	80 - 120
Copper	0.400	0.377		mg/L		94	80 - 120
Iron	20.0	19.96		mg/L		100	80 - 120
Lead	0.400	0.421		mg/L		105	80 - 120
Magnesium	20.0	18.27		mg/L		91	80 - 120
Manganese	0.400	0.398		mg/L		99	80 - 120
Nickel	0.400	0.399		mg/L		100	80 - 120
Potassium	10.0	10.48		mg/L		105	80 - 120
Selenium	0.400	0.379		mg/L		95	80 - 120
Silver	0.0500	0.0471		mg/L		94	80 - 120
Sodium	10.0	10.64		mg/L		106	80 - 120
Thallium	0.400	0.417		mg/L		104	80 - 120
Vanadium	0.400	0.395		mg/L		99	80 - 120

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

Lab Sample ID: LCS 480-592576/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592760 — **Prep Batch: 592576**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.400	0.405		mg/L		101	80 - 120

Lab Sample ID: LCS 480-592576/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592932 — **Prep Batch: 592576**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.400	0.412		mg/L		103	80 - 120

Lab Sample ID: 480-188171-5 MS — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 592760 — **Prep Batch: 592576**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.093	J	10.0	9.91		mg/L		98	75 - 125
Antimony	ND		0.200	0.208		mg/L		104	75 - 125
Arsenic	0.0092	J	0.200	0.223		mg/L		107	75 - 125
Barium	0.082		0.200	0.280		mg/L		99	75 - 125
Beryllium	ND		0.200	0.215		mg/L		107	75 - 125
Calcium	292		10.0	281.1	4	mg/L		-109	75 - 125
Chromium	ND		0.200	0.190		mg/L		95	75 - 125
Cobalt	0.0021	J	0.200	0.213		mg/L		105	75 - 125
Copper	0.0030	J	0.200	0.198		mg/L		97	75 - 125
Iron	7.4		10.0	17.63		mg/L		102	75 - 125
Lead	ND		0.200	0.209		mg/L		105	75 - 125
Magnesium	17.6	F1	10.0	26.41		mg/L		88	75 - 125
Manganese	0.84		0.200	0.984	4	mg/L		70	75 - 125
Nickel	0.011		0.200	0.213		mg/L		101	75 - 125
Potassium	11.6		10.0	21.76		mg/L		101	75 - 125
Selenium	ND		0.200	0.192		mg/L		96	75 - 125
Silver	ND		0.0500	0.0486		mg/L		97	75 - 125
Sodium	64.4		10.0	73.00	4	mg/L		85	75 - 125
Thallium	ND		0.200	0.206		mg/L		103	75 - 125
Vanadium	0.0015	J	0.200	0.201		mg/L		100	75 - 125
Zinc	0.13	B	0.200	0.345		mg/L		107	75 - 125

Lab Sample ID: 480-188171-5 MS — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 592932 — **Prep Batch: 592576**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.00053	J	0.200	0.213		mg/L		106	75 - 125

Lab Sample ID: 480-188171-5 MSD — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 592760 — **Prep Batch: 592576**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.093	J	10.0	10.09		mg/L		100	75 - 125	2	20
Antimony	ND		0.200	0.200		mg/L		100	75 - 125	4	20

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

Lab Sample ID: 480-188171-5 MSD — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 592760 — **Prep Batch: 592576**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0092	J	0.200	0.211		mg/L		101	75 - 125	5	20
Barium	0.082		0.200	0.278		mg/L		98	75 - 125	1	20
Beryllium	ND		0.200	0.211		mg/L		105	75 - 125	2	20
Calcium	292		10.0	275.7	4	mg/L		-163	75 - 125	2	20
Chromium	ND		0.200	0.183		mg/L		91	75 - 125	4	20
Cobalt	0.0021	J	0.200	0.207		mg/L		102	75 - 125	3	20
Copper	0.0030	J	0.200	0.193		mg/L		95	75 - 125	3	20
Iron	7.4		10.0	17.32		mg/L		99	75 - 125	2	20
Lead	ND		0.200	0.204		mg/L		102	75 - 125	2	20
Magnesium	17.6	F1	10.0	24.95	F1	mg/L		74	75 - 125	6	20
Manganese	0.84		0.200	0.840	4	mg/L		-2	75 - 125	16	20
Nickel	0.011		0.200	0.206		mg/L		98	75 - 125	3	20
Potassium	11.6		10.0	21.95		mg/L		103	75 - 125	1	20
Selenium	ND		0.200	0.187		mg/L		94	75 - 125	2	20
Silver	ND		0.0500	0.0483		mg/L		97	75 - 125	1	20
Sodium	64.4		10.0	69.80	4	mg/L		53	75 - 125	4	20
Thallium	ND		0.200	0.200		mg/L		100	75 - 125	3	20
Vanadium	0.0015	J	0.200	0.194		mg/L		96	75 - 125	4	20
Zinc	0.13	B	0.200	0.315		mg/L		92	75 - 125	9	20

Lab Sample ID: 480-188171-5 MSD — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 592932 — **Prep Batch: 592576**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	0.00053	J	0.200	0.207		mg/L		103	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-592680/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592726 — **Prep Batch: 592680**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		08/12/21 13:25	08/12/21 16:57	1

Lab Sample ID: LCS 480-592680/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592726 — **Prep Batch: 592680**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00673		mg/L		101	80 - 120

Lab Sample ID: MB 480-592681/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592726 — **Prep Batch: 592681**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		08/12/21 13:25	08/12/21 17:34	1

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

Lab Sample ID: LCS 480-592681/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 592726 — **Prep Batch: 592681**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00647		mg/L		97	80 - 120		

Lab Sample ID: 480-188171-5 MS — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 592726 — **Prep Batch: 592681**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.00667	0.00680		mg/L		102	80 - 120		

Lab Sample ID: 480-188171-5 MSD — **Client Sample ID: BCC Area C_RFI-20_0821**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 592726 — **Prep Batch: 592681**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00683		mg/L		102	80 - 120	0	20

GC/MS VOA

Analysis Batch: 592562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	8260C	
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	8260C	
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	8260C	
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	8260C	
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	8260C	
480-188171-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-592562/8	Method Blank	Total/NA	Water	8260C	
LCS 480-592562/6	Lab Control Sample	Total/NA	Water	8260C	
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	8260C	
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 592707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	3510C	
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	3510C	
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	3510C	
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	3510C	
MB 480-592707/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-592707/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 592784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-592707/1-A	Method Blank	Total/NA	Water	8270D	592707
LCS 480-592707/2-A	Lab Control Sample	Total/NA	Water	8270D	592707

Prep Batch: 592847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	3510C	
MB 480-592847/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-592847/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	3510C	
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	3510C	

Analysis Batch: 592996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	8270D	592707
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	8270D	592707
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	8270D	592707
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	8270D	592707

Analysis Batch: 593070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	8270D	592847
MB 480-592847/1-A	Method Blank	Total/NA	Water	8270D	592847
LCS 480-592847/2-A	Lab Control Sample	Total/NA	Water	8270D	592847
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	8270D	592847
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	8270D	592847

QC Association Summary

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

Job ID: 480-188171-1

GC/MS Semi VOA

Prep Batch: 593315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-4 - RE	BCC Area C_PS-05A_0821	Total/NA	Ground Water	3510C	
MB 480-593315/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-593315/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-593315/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 593404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-4 - RE	BCC Area C_PS-05A_0821	Total/NA	Ground Water	8270D	593315
MB 480-593315/1-A	Method Blank	Total/NA	Water	8270D	593315
LCS 480-593315/2-A	Lab Control Sample	Total/NA	Water	8270D	593315
LCSD 480-593315/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	593315

Metals

Prep Batch: 592576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	3005A	
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	3005A	
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	3005A	
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	3005A	
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	3005A	
MB 480-592576/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-592576/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	3005A	
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	3005A	

Prep Batch: 592680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	7470A	
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	7470A	
MB 480-592680/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-592680/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 592681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	7470A	
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	7470A	
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	7470A	
MB 480-592681/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-592681/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	7470A	
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	7470A	

Analysis Batch: 592726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	7470A	592680
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	7470A	592680
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	7470A	592681
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	7470A	592681
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	7470A	592681
MB 480-592680/1-A	Method Blank	Total/NA	Water	7470A	592680

Metals (Continued)

Analysis Batch: 592726 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-592681/1-A	Method Blank	Total/NA	Water	7470A	592681
LCS 480-592680/2-A	Lab Control Sample	Total/NA	Water	7470A	592680
LCS 480-592681/2-A	Lab Control Sample	Total/NA	Water	7470A	592681
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	7470A	592681
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	7470A	592681

Analysis Batch: 592760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	6010C	592576
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	6010C	592576
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	6010C	592576
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	6010C	592576
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	6010C	592576
MB 480-592576/1-A	Method Blank	Total/NA	Water	6010C	592576
LCS 480-592576/2-A	Lab Control Sample	Total/NA	Water	6010C	592576
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	6010C	592576
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	6010C	592576

Analysis Batch: 592932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	6010C	592576
480-188171-1	BCC Area C_RFI-31_0821	Total/NA	Ground Water	6010C	592576
480-188171-2	BCC Area C_MW-C04_0821	Total/NA	Ground Water	6010C	592576
480-188171-3	BCC Area C_RFI-20_D_0821	Total/NA	Ground Water	6010C	592576
480-188171-4	BCC Area C_PS-05A_0821	Total/NA	Ground Water	6010C	592576
480-188171-5	BCC Area C_RFI-20_0821	Total/NA	Ground Water	6010C	592576
MB 480-592576/1-A	Method Blank	Total/NA	Water	6010C	592576
LCS 480-592576/2-A	Lab Control Sample	Total/NA	Water	6010C	592576
480-188171-5 MS	BCC Area C_RFI-20_0821	Total/NA	Ground Water	6010C	592576
480-188171-5 MSD	BCC Area C_RFI-20_0821	Total/NA	Ground Water	6010C	592576

Lab Chronicle

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_RFI-31_0821

Lab Sample ID: 480-188171-1

Date Collected: 08/10/21 13:50
Matrix: Ground Water
Date Received: 08/10/21 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	592562	08/12/21 05:16	CRL	TAL BUF
Total/NA	Prep	3510C			592707	08/12/21 16:25	CMC	TAL BUF
Total/NA	Analysis	8270D		1	592996	08/16/21 17:52	JMM	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592760	08/12/21 16:53	LMH	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592932	08/13/21 14:18	LMH	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592932	08/13/21 14:22	LMH	TAL BUF
Total/NA	Prep	7470A			592680	08/12/21 13:25	BMB	TAL BUF
Total/NA	Analysis	7470A		1	592726	08/12/21 17:31	BMB	TAL BUF

Client Sample ID: BCC Area C_MW-C04_0821

Lab Sample ID: 480-188171-2

Date Collected: 08/10/21 08:30
Matrix: Ground Water
Date Received: 08/10/21 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	592562	08/12/21 05:39	CRL	TAL BUF
Total/NA	Prep	3510C			592707	08/12/21 16:25	CMC	TAL BUF
Total/NA	Analysis	8270D		1	592996	08/16/21 18:19	JMM	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592760	08/12/21 16:57	LMH	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592932	08/13/21 14:26	LMH	TAL BUF
Total/NA	Prep	7470A			592680	08/12/21 13:25	BMB	TAL BUF
Total/NA	Analysis	7470A		1	592726	08/12/21 17:32	BMB	TAL BUF

Client Sample ID: BCC Area C_RFI-20_D_0821

Lab Sample ID: 480-188171-3

Date Collected: 08/10/21 10:10
Matrix: Ground Water
Date Received: 08/10/21 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	592562	08/12/21 06:02	CRL	TAL BUF
Total/NA	Prep	3510C			592707	08/12/21 16:25	CMC	TAL BUF
Total/NA	Analysis	8270D		1	592996	08/16/21 18:46	JMM	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592760	08/12/21 17:12	LMH	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592932	08/13/21 14:30	LMH	TAL BUF
Total/NA	Prep	7470A			592681	08/12/21 13:25	BMB	TAL BUF
Total/NA	Analysis	7470A		1	592726	08/12/21 17:39	BMB	TAL BUF

Lab Chronicle

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

Job ID: 480-188171-1

Client Sample ID: BCC Area C_PS-05A_0821

Lab Sample ID: 480-188171-4

Date Collected: 08/10/21 11:30
Date Received: 08/10/21 16:30

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	592562	08/12/21 06:25	CRL	TAL BUF
Total/NA	Prep	3510C			592707	08/12/21 16:25	CMC	TAL BUF
Total/NA	Analysis	8270D		1	592996	08/16/21 19:13	JMM	TAL BUF
Total/NA	Prep	3510C	RE		593315	08/18/21 15:40	CMC	TAL BUF
Total/NA	Analysis	8270D	RE	1	593404	08/19/21 16:10	JMM	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592760	08/12/21 17:16	LMH	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592932	08/13/21 14:34	LMH	TAL BUF
Total/NA	Prep	7470A			592681	08/12/21 13:25	BMB	TAL BUF
Total/NA	Analysis	7470A		1	592726	08/12/21 17:40	BMB	TAL BUF

Client Sample ID: BCC Area C_RFI-20_0821

Lab Sample ID: 480-188171-5

Date Collected: 08/10/21 10:00
Date Received: 08/10/21 16:30

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	592562	08/12/21 06:48	CRL	TAL BUF
Total/NA	Prep	3510C			592847	08/13/21 15:45	CMC	TAL BUF
Total/NA	Analysis	8270D		1	593070	08/17/21 21:26	JMM	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592760	08/12/21 17:20	LMH	TAL BUF
Total/NA	Prep	3005A			592576	08/12/21 09:10	DMN	TAL BUF
Total/NA	Analysis	6010C		1	592932	08/13/21 14:37	LMH	TAL BUF
Total/NA	Prep	7470A			592681	08/12/21 13:25	BMB	TAL BUF
Total/NA	Analysis	7470A		1	592726	08/12/21 17:41	BMB	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-188171-6

Date Collected: 08/10/21 00:00
Date Received: 08/10/21 16:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	592562	08/12/21 07:11	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-188171-1
Project/Site: Buffalo Color GWTF Area C Wells

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Method Summary

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

Job ID: 480-188171-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Job ID: 480-188171-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-188171-1	BCC Area C_RFI-31_0821	Ground Water	08/10/21 13:50	08/10/21 16:30
480-188171-2	BCC Area C_MW-C04_0821	Ground Water	08/10/21 08:30	08/10/21 16:30
480-188171-3	BCC Area C_RFI-20_D_0821	Ground Water	08/10/21 10:10	08/10/21 16:30
480-188171-4	BCC Area C_PS-05A_0821	Ground Water	08/10/21 11:30	08/10/21 16:30
480-188171-5	BCC Area C_RFI-20_0821	Ground Water	08/10/21 10:00	08/10/21 16:30
480-188171-6	TRIP BLANK	Water	08/10/21 00:00	08/10/21 16:30

Buffalo
.0 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 8-10-2021	COC No: 480-158659-6265.1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			
(716) 842-1785 FAX	[x] 2 weeks			SDG No
Project Name: Buffalo Color GWTF Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO # 640411	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list +aniline	Sample Specific Notes:
~~BCC_Area C_MW-C01_0821~~	8/10-21		~~G~~	~~W~~	~~6~~	N	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-31_0821		1350	G	W	6	N	3	1	2	
~~BCC_Area C_PS-04_0821~~			~~G~~	~~W~~	~~6~~	N	~~3~~	~~1~~	~~2~~	
BCC_Area C_MW-C04_0821		830	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0821		1000	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0821		1130	G	W	6	N	3	1	2	
~~BCC_Area C_PS-06_0821~~			~~G~~	~~W~~	~~6~~	N	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-20_D_0821		1010	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_MS_0821		1020	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_MSD_0821		1030	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
						Container Volume (mL)	40	250	250	
							2	4	1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* *Poison B* [ ] *Unknown* [x]

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

[ ] *Return To Client* [x] *Disposal By Lab* [ ] *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

Temp 3.8 #1 ICE

Relinquished by:	Company	Date/Time	Received by:	Company	Date/Time
Tom Wagner	OSC	8-10-21 1600	[illegible]	TestAmerica	8/10 1630
Relinquished by:	Company	Date/Time	Received by:	Company	Date/Time
Relinquished by:	Company	Date/Time	Received by:	Company	Date/Time

480-188171 Chain of Custody

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-188171-1

Login Number: 188171
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

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

Appendix B – Sample Collection Logs

BUFFALO COLOR DEPTH TO WATER MEASUREMENTS

DATE: 2-24-2021

BUFFALO RIVER STADIA ROD READING: 3.2

	AREA	WELL ID	DEPTH TO WATER (FT)		DEPTH TO NAPL LAYER (FT)
22.1	A	ICM-101	12.53		
38.4	A	RFI-26	~~[illegible]~~ 14.7		
32.2	A	*W6-R-R	15.84		
16	B	RFI-18	8.33		
19.8	B	RFI-27	6.65		
12.5	B	RFI-30	9.75		
17	B	RFI-28	8.46		
9.8	B	*PS-09	5.74		
42	B	*RFI-19D	14.3		
	~~C~~	~~MW-C01~~			
14	C	MW-C04	6.00		
	~~C~~	~~PS-04A~~			
8	C	PS-05A	6.59		
	~~C~~	~~PS-06~~			
12.3	C	RFI-20	6.67		
14	C	RFI-31	7.34		
22.2	E	**ICM-PZ-02S	11.38		
22.2	E	**ICM-PZ-03S	11.78		
15.3	E	**MW-E08	9.1		
15.7	E	**MW-E09	8.42		
	E	**MW-E10	DAMAGED		
17	E	**RFI-PZ-17	12.76		
15.6	E	MW-E06	4.72		
15.7	E	RFI-51	4.54		
	~~E~~	~~R-10~~			
18.7	E	R-11 (4")	6.63		
	~~E~~	~~MW-E04A~~			
15.2	E	MW-E03	11.06		
15.6	E	MW-E05	5.73		
15.6	E	MW-E07	4.58		
	~~E~~	~~RFI-17~~			
15.2	E	RFI-29	6.39		
15.2	E	RFI-32	7.83		
9.6	E	RFI-33	1.85		
16.2	E	RFI-PZ-16	8.9		

* Monitoring wells depth to water measurement collected quarterly only without analytical collection

** NAPL wells depth to water measurement collected quarterly and analytical collected annually

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

"C" 1ST Q -2021

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 3-23-21	COC No: 480-143510-6265.1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			SDG No.
(716) 842-1785 FAX	[x] 2 weeks			
Project Name: Buffalo Color GWTF Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 64029	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals	8270C - (MOD) TLC SVOA - 4.2 list +analine	Sample Specific Notes:
~~BCC_Area C_MW-C01_~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-31_ 0321	3/23-21	1330	G	W	6	N	3	1	2	
~~BCC_Area C_PS-04_~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_MW-C04_0321	3/23-21	1210	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_ 0321	3/23-21	900	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_ 0321	3/23-21	1030	G	W	6	N	3	1	2	
~~BCC_Area C_PS-06_~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_ RFI-20 D_0321	3/23-21	910	G	W	6	N	3	1	2	
BCC_Area C_ RFI-20 MS_ 0321	↓	920	G	W	6	N	3	1	2	
BCC_Area C_ RFI-20 MSD_ 0321	↓	930	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
						Container Volume (mL)	40	250	250	
							2	4	1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	3-23-21 1530			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	C-1ST Q-21
WELL ID	R F1-20	SAMPLE TIME	900
TIME START 805 END 950		JOB NUMBER	16011 ~~16017-OMM~~
SAMPLE DATE	3-23-21	SAMPLER	TW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.67	FT
TOTAL DEPTH	12.3	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 0.95

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 10.96

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
830		5.77	8.43	1.45	7.56	14.25	30.5	233	
835		6.55	9.10	1.40	7.00	5.41	53.6	177	
849		8.46	8.80	1.41	6.87	4.39	48.9	96	
									MS-MSD 910
									920 930

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES [X] NO [ ]

NUMBER OF GALLONS GENERATED [ ]

NOTES

All equipment used either dedicated or decomed prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	C-15TQ-21
WELL ID	PS-05A	SAMPLE TIME	1030
TIME START 0955 END 1045		JOB NUMBER	16011 ~~16047-OMM~~
SAMPLE DATE	3-23-21	SAMPLER	TW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.59	FT
TOTAL DEPTH	8	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.65 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 0.23

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 2.65

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1010		6.10	8.64	0.866	9.18	9.19	50.8	117	
1013		6.89	7.43	0.921	9.01	5.99	38.0	113	
1016		7.16	7.43	0.961	8.69	4.38	22.8	115	
1022		7.41	7.31	1.00	8.54	3.40	18.8	118	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	4° C	HCl	HNO_3	Other
TAL SVOCs	8270	4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES [X] NO [ ]

NUMBER OF GALLONS GENERATED [ ]

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

Area "C" - 1ST Q - '21

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	C-1STQ-'21	SAMPLE DATE	3-23-21
WELL ID	MW-C04	SAMPLE TIME	1210	SAMPLER	TW
TIME	START 1115 END ~~1127~~ 1220	JOB NUMBER	16011 ~~16047-OMM~~		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.00	FT
TOTAL DEPTH	14.0	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water; 4" = 0.65 gal/foot water
2" = 0.17 gal/foot water; 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.36

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 15.69

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1127		6.06	10.38	1.77	7.29	14.00	44.2	158	
1144		6.07	9.95	1.81	7.16	11.58	39.3	56	
1200		6.07	9.63	1.86	7.50	8.51	33.1	5	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	4° C	HCl	HNO_3	Other
TAL SVOCs	8270	4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	C-15TQ-21
WELL ID	RFI-31	SAMPLE TIME	1330
TIME	START 1240 END 1345	JOB NUMBER	16011 ~~16047-OMM~~
SAMPLE DATE	3-23-21	SAMPLER	TW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	7.34	FT
TOTAL DEPTH	14.0	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.13

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 13.03

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1253		9.68	10.16	9.84	12.07	14.08	34.6	-141	
1310		12.31	9.83	9.75	12.02	12.78	49.5	-145	
1322		12.88	11.66	8.91	11.10	10.66	47.3	-136	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	4° C	HCl	HNO_3	Other
TAL SVOCs	8270	4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

COMMENTS

YSI did not have turbidity

NOTES

All equipment used either dedicated or decomned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

BUFFALO COLOR DEPTH TO WATER MEASUREMENTS

DATE: 5-20-21

BUFFALO RIVER STADIA ROD READING: 3.8

	AREA	WELL ID	DEPTH TO WATER (FT)	STICKUP TO CASING HEIGHT DIFFERENTIAL	DEPTH TO NAPL LAYER (FT)
22.1	A	ICM-101	12.11		
38.4	A	RFI-26	14.15		
32.2	A	*W6-R-R	15.14		
16	B	RFI-18	8.02		
19.8	B	RFI-27	5.83		
17.5	B	RFI-30	9.33		
17	B	RFI-28	7.94		
9.8	B	*PS-09	5.3		
47	B	*RFI-19D	14.04		
	C	~~MW-C01~~			
14	C	MW-C04	5.78		
	C	~~PS-04A~~			
8	C	PS-05A	6.6		
	C	~~PS-06~~			
12.3	C	RFI-20	6.3		
14	C	RFI-31	6.9		
22.2	E	**ICM-PZ-02S			
22.2	E	**ICM-PZ-03S			
15.3	E	**MW-E08			
15.7	E	**MW-E09			
	E	**MW-E10 Damaged			
17	E	**RFI-PZ-17			
15.6	E	MW-E06			
15.7	E	RFI-51			
	E	~~R-10~~			
18.7	E	R-11			
	E	~~MW-E04A~~			
15.2	E	MW-E03			
15.6	E	MW-E05	6.0		
15.6	E	MW-E07			
	E	~~RFI-17~~			
15.2	E	RFI-29	5.37		
~~15.2~~	~~E~~	~~RFI-32~~			
9.6	E	RFI-33	~~1.24~~		
16.2	E	RFI-PZ-16			

* Monitoring wells depth to water measurement collected quarterly only without analytical collection

** NAPL wells depth to water measurement collected quarterly and analytical collected annually

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

2ND Q - '21 "C" 2021

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 5-25-21	COC No: 480-158658-6265 #1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	Analysis Turnaround Time			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			SDG No.
(716) 842-1785 FAX	[x] 2 weeks			
Project Name: Buffalo Color GWTF Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 64036	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals	8270C - (MOD) TLC SVOA - 4.2 list +analine	Sample Specific Notes:
~~BCC_Area C_MW-C01_ 0521~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-31_ 0521	5/25-21	1050	G	W	6	N	3	1	2	
~~BCC_Area C_PS-04_ 0~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_MW-C04_ 0521	5/25-21	840	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_ 0521	5/25-21	1225	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_ 0521	5/25-21	1155	G	W	6	N	3	1	2	
~~BCC_Area C_PS-06_~~			~~G~~	~~W~~	~~6~~	~~N~~	~~3~~	~~1~~	~~2~~	
BCC_Area C_ MW-C04 D_0521	5/25-21	850	G	W	6	N	3	1	2	
BCC_Area C_ MW-C04 MS_0521	5/25-21	900	G	W	6	N	3	1	2	
BCC_Area C_ MW-C04 MSD_0521	5/25-21	910	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
						Container Volume (mL)	40	250	250	
							2	4	1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:
* BCC_AREAC_RFI-20F_0521 | 1235 | G | W | 1 | Y

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	5/25-21			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	2nd 21 (C)	SAMPLE DATE	5-25-21
WELL ID	RFI-20	SAMPLE TIME	1225	SAMPLER	
TIME	START 1116 END 1250	JOB NUMBER	16011 ~~16047-GMM~~		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.3	FT
TOTAL DEPTH	12.3	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water; 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water; 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.02

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 11.75

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1129		10.82	13.85	1.76	2.30	3.39	~~15.2~~	241	Blew Up
~~1139~~		~~11.48~~	~~13.91~~	~~1.81~~	~~7.27~~	~~2.67~~	~~14.3~~	~~[illegible]~~	
~~1149~~		~~11.64~~	~~13.81~~	~~1.80~~	~~7.26~~	~~2.63~~	~~14.1~~	~~257~~	
									Filtered Sample 1235
1212		11.61	16.33	1.75	7.59	0.29			High Turb
1219		11.64	16.41	1.74	7.56	0.24	212 ~~[illegible]~~ 222	246 251	Well Ran Dry

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.G.	SAMPLE EVENT	2nd '21 (C)	SAMPLE DATE	5-25-21
WELL ID	MW-104	SAMPLE TIME	840	SAMPLER	
TIME	START 0740 END 935	JOB NUMBER	16011 ~~16047-GMM~~		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.78	FT
TOTAL DEPTH	14	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.39

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 16.03

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
800		6.02	13.65	2.30	6.95	2.42	39.8	-53	
815		6.03	13.25	2.32	6.89	2.23	51.0	-57	A-MS-MSD
830		6.11	12.50	2.33	6.86	1.73	47.6	-59	850 900
									915

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	4° C	HCl	HNO_3	Other
TAL SVOCs	8270	4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES [X] NO [ ]

NUMBER OF GALLONS GENERATED

NOTES

All equipment used either dedicated or decomned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	2nd '21 (C)	SAMPLE DATE	5-25-21
WELL ID	RFI-31	SAMPLE TIME	1050	SAMPLER	[illegible]
TIME	START 1000 END 1105	JOB NUMBER	16011 ~~16047-OHM~~		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.9	FT
TOTAL DEPTH	14	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.20

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 13.84

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1014		9.27	16.21	8.26	10.81	1.56	15.8	-31	
1029		10.07	15.57	8.45	10.86	1.34	15.3	-89	
1040		11.03	15.05	8.57	10.82	1.19	17.1	-112	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

NOTES

All equipment used either dedicated or decomned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	2nd '21 (C)	SAMPLE DATE	5-25-21
WELL ID	PS-05A	SAMPLE TIME	1155	SAMPLER	
TIME	START 1138 END 1210	JOB NUMBER	16011 ~~16947-GMM~~		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.6	FT
TOTAL DEPTH	8	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 0.23

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.28 gal/min (flow rate) = 0 (minutes to pump) 2.65

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1145		6.51	17.61	2.32	7.61	4.95	56.1	188	
1147		6.57	16.97	2.35	7.48	3.45	50.9	191	
1149		6.59	16.69	2.37	7.46	3.26	46.3	177	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	4° C (circled)	HCl (circled)	HNO_3	Other
TAL SVOCs	8270	4° C (circled)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED:

NOTES

All equipment used either dedicated or decomned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

BUFFALO COLOR DEPTH TO WATER MEASUREMENTS

DATE: 8-5-21

BUFFALO RIVER STADIA ROD READING: 4.7

AREA	WELL ID	DEPTH TO WATER (FT)	DEPTH TO NAPL LAYER (FT)
22.1 A	ICM-101	11.77	
38.4 A	RFI-26	13.67	
32.2 A	*W6-R-R	14.61	
16 B	RFI-18	7.9	
19.8 B	RFI-27	5.75	
17.6 B	RFI-30	9.1	
17 B	RFI-28	7.78	
9.8 B	*PS-09	5.65	
47 B	*RFI-19D	13.83	
~~C~~	~~MW-C01~~		
14 C	MW-C04	5.7	
~~C~~	~~PS-04A~~		
8 C	PS-05A	6.02	
~~C~~	~~PS-06~~		
12.3 C	RFI-20	6.34	
14 C	RFI-31	6.64	
~~E~~	~~**ICM-PZ-02S~~		
~~E~~	~~**ICM-PZ-03S~~		
~~E~~	~~**MW-E08~~		
~~E~~	~~**MW-E09~~		
~~E~~	~~**MW-E10~~		
~~E~~	~~RFI-PZ-17~~		
~~E~~	~~MW-E06~~		
~~E~~	~~RFI-51~~		
~~E~~	~~R-10~~		
~~E~~	~~R-11~~		
~~E~~	~~MW-E04A~~		
~~E~~	~~MW-E03~~		
15.6 E	MW-E05	5.27 E	
~~E~~	~~MW-E07~~		
~~E~~	~~RFI-17~~		
15.2 E	RFI-29	5.48	
~~E~~	~~RFI-32~~		
9.6 E	RFI-33	3.85 ~~5.48~~	
~~E~~	~~RFI-PZ-16~~		

* Monitoring wells depth to water measurement collected quarterly only without analytical collection

** NAPL wells depth to water measurement collected quarterly and analytical collected annually

2021 3RD QTR

Buffalo
0 Hazelwood Drive
Amherst, NY 14228
Phone 716 504 9852 fax 716 691 7991

3RD 21 "C"

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 8-10-2021	COC No 480-158659-6265.1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
33 Ganson Street	Analysis Turnaround Time			Job No 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			SDG No.
(716) 842-1785 FAX	[X] 2 weeks			
Project Name: Buffalo Color GWTF Area C Wells	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 640441	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B - TLC 4.2 list (TLC VOC)	6010B, 7470A (TAL Metals)	8270C - (MOD) TLC SVOA - 4.2 list -naphthalene	Sample Specific Notes:
~~BCC_Area C_MW-C01_0821~~	8/10-21		~~G~~	~~W~~	~~6~~	N	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-31_0821		1350	G	W	6	N	3	1	2	
~~BCC_Area C_PS-04_0821~~			~~G~~	~~W~~	~~6~~	N	~~3~~	~~1~~	~~2~~	
BCC_Area C_MW-C04_0821		830	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_0821		1000	G	W	6	N	3	1	2	
BCC_Area C_PS-05A_0821		1130	G	W	6	N	3	1	2	
~~BCC_Area C_PS-06_0821~~			~~G~~	~~W~~	~~6~~	N	~~3~~	~~1~~	~~2~~	
BCC_Area C_RFI-20_D_0821		1010	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_MS_0821		1020	G	W	6	N	3	1	2	
BCC_Area C_RFI-20_MSD_0821		1030	G	W	6	N	3	1	2	
Trip Blank	N/A	N/A	N/A	W	2	N	2			
						Container Volume (mL)	40	250	250	
							2	4	1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Tom Wagner	OSC	8-10-21 1600			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by	Company	Date/Time

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.G.	SAMPLE EVENT	3RD '21 (C)
WELL ID	MW-604	SAMPLE TIME	830
TIME	START 730 END 845	JOB NUMBER	16011 16847-GMM
SAMPLE DATE	8-10-21	SAMPLER	PW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.7	FT
TOTAL DEPTH	14.-	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.411

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.28 gal/min (flow rate) = 0 (minutes to pump) 18.39

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (mo/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
743		6.04	17.80	2.15	6.83	4.89	61.1	18	
800		6.04	17.30	2.14	6.79	3.00	39.2	-46	
817		6.05	17.47	2.12	6.72	3.26	25.8	-66	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMOO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	3RD '21 (C)
WELL ID	RF1-20	SAMPLE TIME	1000
TIME	START 945 END 1045	JOB NUMBER	16011 1684P-GMM

SAMPLE DATE 8-10-21

SAMPLER [illegible]

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.34	FT
TOTAL DEPTH	12.3	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.01

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.26 gal/min (flow rate) = 0 (minutes to pump) 11.65

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
927		7.81	18.67	1.54	6.97	9.60	44.2	142	
937		8.96	18.88	1.53	6.96	9.13	49.6	135	D-135-MSD
948		10.61	18.60	1.54	6.94	8.93	48.2	121	
									1010
									1020
									1030

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] BIMOO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.G.	SAMPLE EVENT	3RD '21 (C)
WELL ID	RS-05A	SAMPLE TIME	1130
TIME	START 1100 END 1145	JOB NUMBER	16011 16847-GMM

SAMPLE DATE: 8-10-21

SAMPLER: TW

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.02	FT
TOTAL DEPTH	8	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS

1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 0.33

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.28 gal/min (flow rate) = 0 (minutes to pump) 3.53

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (mm/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1115		6.65	1900	1.56	7.57	2.54	67.3	175	
1119		7.04	1901	1.55	7.34	3.22	42.7	79	
1123		7.12	1900	1.55	7.23	2.57	16.8	-47	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMOO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	4° C (circled)	HCl (circled)	HNO_3	Other
TAL SVOCs	8270	4° C (circled)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: [ ]

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	16011 B.C.	SAMPLE EVENT	3RD '21 (E)	SAMPLE DATE	8-10-21
WELL ID	RFI-31	SAMPLE TIME	1350	SAMPLER	TW
TIME	START 1300 END 1410	JOB NUMBER	16011 ~~16047-GMM~~		

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.64	FT
TOTAL DEPTH	14	FT
WELL DIAMETER	2.0	IN
WATER COLUMN	0.00	FT

WELL CONVERSION FACTORS
1" = 0.04 gal/foot water 4" = 0.66 gal/foot water
2" = 0.17 gal/foot water 6" = 1.5 gal/foot water

0.00 (water column) x 0.17 (conversion) = 0.00 (1 purge volume) 1.25

3 purge volumes = 0.00 gallons

0.00 (gallons) ÷ 0.28 gal/min (flow rate) = 0 (minutes to pump) 13.39

NAPL REMOVAL METHOD
- [ ] BAILER
- [x] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1315		8.71	18.74	8.59	10.12	2.14	14.3	43	
1327		10.24	18.41	8.66	9.60	1.19	3.9	-12	
1343		11.04	19.14	8.57	9.33	0.89	0	-28	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] BAILER
- [ ] SIMCO BLADDER
- [x] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [x] SILICONE
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [x] YSI 556 MPS W/ FLOW CELL
- [ ] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [x] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS	METHOD	PRESERVATION METHOD			
TAL VOCs	8260	(4° C)	(HCl)	HNO_3	Other
TAL SVOCs	8270	(4° C)	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other
		4° C	HCl	HNO_3	Other

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES [X] NO [ ]

NUMBER OF GALLONS GENERATED [ ]

NOTES

All equipment used either dedicated or decorned prior to arrival on site. No rinsate / field blank required

SIGNITURE: _____

COMMENTS

YSI did not have turbidity

Appendix C – As-Built Site Plan

Legend

Abbreviations

- Ex - Existing
- E - East
- N - North
- W - West
- S - South
- R.O.W. - Right of Way
- A.K.A. - also known as

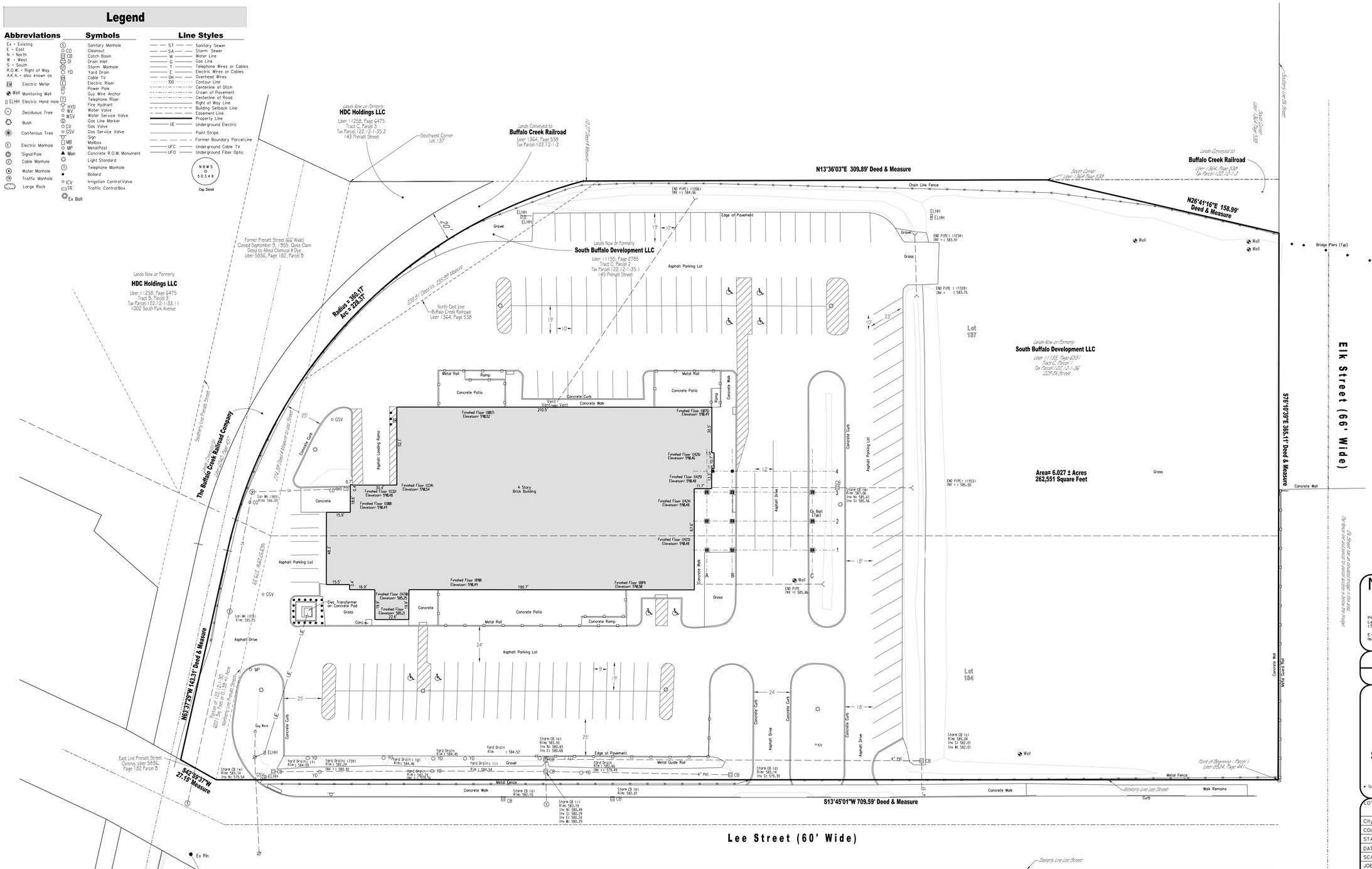
Symbols

- Electric Meter
- Well Monitoring Well
- ELHH Electric Hand Hole
- Deciduous Tree
- Bush
- Coniferous Tree
- Electric Manhole
- Signal Pole
- Cable Manhole
- Water Manhole
- Traffic Manhole
- Large Rock
- Sanitary Manhole
- Cleanout
- CB Catch Basin
- DI Drain Inlet
- SM Storm Manhole
- YD Yard Drain
- Cable TV
- Electric Riser
- Power Pole
- Guy Wire Anchor
- Telephone Riser
- HYD Fire Hydrant
- WV Water Valve
- WSV Water Service Valve
- Gas Line Marker
- GV Gas Valve
- GSV Gas Service Valve
- Sign
- MB Mailbox
- MP Metal Post
- Mon Concrete R.O.W. Monument
- Light Standard
- Telephone Manhole
- Bollard
- ICV Irrigation Control Valve
- TR Traffic Control Box
- Ex Bolt

Line Styles

- ST Sanitary Sewer
- SA Storm Sewer
- W Water Line
- G Gas Line
- T Telephone Wires or Cables
- E Electric Wires or Cables
- OH Overhead Wires
- 100 Contour Line
- Centerline of Ditch
- Crown of Pavement
- Centerline of Road
- Right of Way Line
- Building Setback Line
- Easement Line
- Property Line
- UE Underground Electric
- Point Stripe
- Former Boundary Parcel Line
- UFC Underground Cable TV
- UFO Underground Fiber Optic

N B W S
5 0 3 4 9
Cap Detail



1) North as Shown on this Map is True North at 78°35' Meridian of West Longitude, as established by GPS Static Survey:

- Control Point1 Set Pin & Cap N. 1043888.09, E. 1079973.53
- Trimble 4800 GPS Receiver Serial No. 0220116966
- Static GPS Observations December 1, 2008.
- New York State Plane Coordinates West Zone (3103)
- NAD_83 (2011)(EPOCH:2010.0000)

Base Stations used:

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE (m)
DE7164	BFNY BUFFALO CORS ARP	N425239.173	W0785325.584	4340.8
DI0596	NYLP LOCKPORT CORS ARP	N430954.854	W0784513.357	33893.7
DI0596	NYHB HAMBURG ARP	N424302.663	W0785047.273	16596.8

Linear Unit - U.S. Survey Foot. Combined scale factor: 0.99992045.

2) Elevations as shown on this Map are based on NAVD88 Datum. Site Benchmark: as observed by static GPS observation on Pin & Cap 1 is 583.51 (NAVD88 (Computed using Geoid12A)).

3) Utilities as shown on this map are plotted from field locations of visible structures and information provided by others. Niagara Boundary & Mapping Services, along with the undersigned Land Surveyor assumes no responsibility as to the accuracy of underground utilities. Contractor must call UFPO three working days prior to any excavation construction activities.

Niagara Boundary
And Mapping Services

PO Box 1120
Lewiston, NY 14092
(716) 297-9584

E-Mail:
lee@niagaraboundary.com

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Map Showing As-Built Survey of Property Owned by

South Buffalo Development LLC

Deed Reference: Liber 11155, Page 2785
Liber 11155, Page 6351
Tax IDs: 122.12-1-35.1
& 122.12-1-36

• Nail

LOT	SECTION	TOWNSHIP	RANGE
134 & 137		10	8

City	Buffalo
COUNTY	Erie
STATE	New York
DATE	July 1, 2021
SCALE	1" = 30'
JOB NO.	6941-16
RESURVEYED	

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USE OF THIS SURVEY IN CONJUCTION WITH AN AFFIDAVIT OF NO CHANGE IS FORBIDDEN

Kenneth L. Slougenhoupt Lic. No. 50349

FILE: Z:\rbms (\\bsrv01) (Z:)\ARCHIVE_PROJECTS\NBMS 6900-6999\6941 Powerhouse\6941 July 2021.dgn

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Appendix D – Building Occupancy Permit

CITY OF BUFFALO

Certificate of Occupancy

Certificate No.: **202405**

In accordance with the appropriate laws of the State of New York and/or the Ordinances of the City of Buffalo the structure(s) located at **229 ELK** Buffalo, New York, having been inspected and found to conform substantially to applicable laws, ordinances, rules or regulations, said structure(s) is hereby certified for occupancy. This certificate is issued subject to the limitation herein specified and is valid until revoked unless automatically voided by the conditions set forth on the reverse side of this certificate.

Date Issued: **12/22/2020**

James Comerford Jr.

Commissioner of Permit and Inspection Services

No. of Units: 4 (1 DWELLING UNIT, 3 COMMERCIAL) **No. of Stories: 2** **Building Type: 2B**

Construction: NONCOMBUSTIBLE **Class: B, R3, A2** **Zoning District: D-IH**

Sprinkler: YES (REQUIRED NFPA 13) **Smoke Detectors: YES** **Carbon Monoxide Detectors: YES**

Permit No: GC17-9427758 – TITLE 19 **Permit Date: 12/12/2019**
GC20-9509440 – TITLE 19 **07/09/2020**
GC20-9509438 – TITLE 19 **07/09/2020**

Inspector: ROBERT KENDALL **Date Inspected: 12/11/2020**

DESCRIPTION: TWO (2) STORY NONCOMBUSTIBLE CONSTRUCTION MIXED USE BUILDING

COMMERCIAL SPACE: 37,228 SQ. FT. (1ST FLOOR – 27,140 SQ. FT., 2ND FLOOR - 10,088 SQ. FT)

Story	Use
Basement:	UTILITIES, STORAGE
1st Floor:	BANQUET FACILITY
2nd Floor:	OFFICE SPACE - LOBBY / RECEPTION, TEN (10) OFFICES, TWO (2) CONFERENCE ROOMS, KITCHEN, SIX (6) RESTROOMS,JANITORS ROOM, ELECTRICAL ROOM, STORAGE ROOM ONE (1) DWELLING UNIT – LIVING, DINING, KITCHEN AREA (OPEN FLOOR PLAN), TWO (2) BEDROOMS, BATHROOM VACANT / NON-DESIGNATED SPACE
3rd Floor:	NA

SEE REVERSE SIDE

Appendix E – SSD System – Communication Testing

ORION
Environmental Solutions, LLC

October 13, 2021

Mr. Larry Pirrone
OSC, Inc.
140 Lee Street
Buffalo, New York 14210

Re: Sub-Slab Depressurization (SSD) System – Communication Testing
Former Buffalo Color Area C Site
140 Lee Street, Buffalo, New York

Dear Mr. Pirrone,

Thank you for the opportunity to provide sub-slab depressurization (SSD) system communication testing services at the above referenced Site.

On October 1, 2021, Orion Environmental Solutions, LLC (Orion) personnel utilized a Dwyer handheld digital manometer (Model: 475-00-FM) to conduct communication testing throughout the on-site structure. The Dwyer manometer reads both pressure (positive values) and vacuum (negative values) at a precision of 0.001 inches of water column (wci). Six roof-mounted fans operating for a period of 5 days prior to communication testing activities created a negative sub-slab pressure relative to ambient air within the building. Five pre-installed sample ports were used to measure the pressure differential between the occupied space and the zone below the slab. SSD piping, roof fan, and sample port locations are shown on Figure 1 (attached).

With the SSD system operational and all doors/windows closed, the following pressure differentials were recorded:

- Test Port #1: -0.012 wci
- Test Port #2: -0.014 wci
- Test Port #3: -0.016 wci
- Test Port #4: -0.014 wci
- Test Port #5: -0.012 wci

As shown, each measurement exceeded the pressure differential creation objective of -0.004 wci as well as a typical system design pressure differential of -0.010 wci. As such, Orion has determined that the ASD system is operating as designed. Representative project photographs are presented in Attachment 1.

Feel free to call me with any questions.

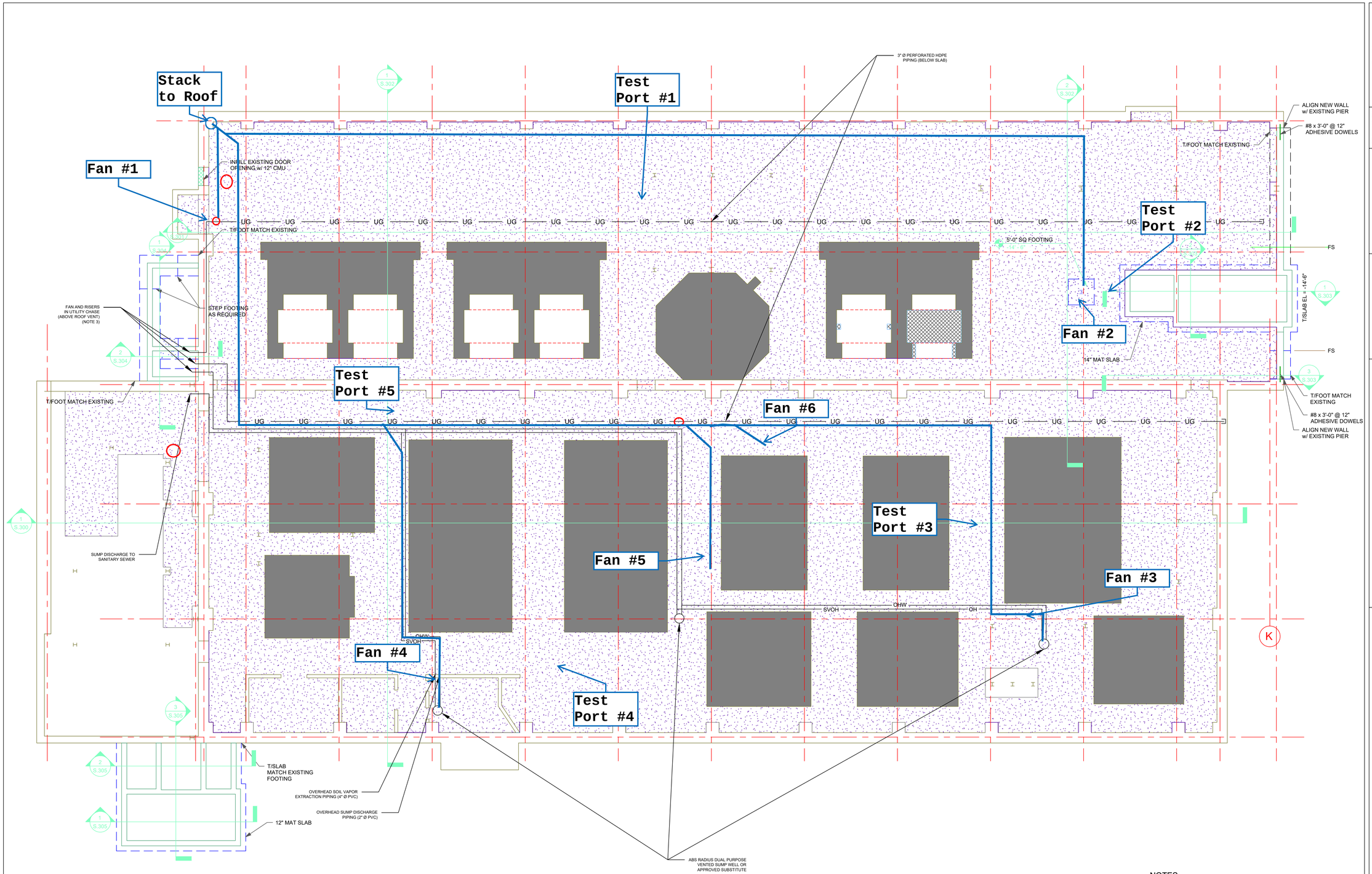
5299 CR-380 | Sinclairville, NY 14782 | (716) 870-1165

Sincerely,
Orion Environmental Solutions, LLC

Bryan C. Hann, P.G.
Chief Executive Officer

File: 0030-001-002

FIGURES



NOTES:
1). SEE FIGURE E-1 FOR REQUIRED DEMOLITION
2). SEE FIGURE E-3 FOR DETAILS
3). ENSURE MANOMETERS CAN BE INSPECTED

D

DRAWING BY	J. BLACK II
CHECKED	J. BLACK
APPROVED	XXX

PROPERTY OF INVENTUM ENGINEERING

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Subslab Depressurization System
140 Lee Street, Buffalo, NY

INVENTUM ENGINEERING
481 CARLISLE DRIVE
SUITE 202
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE E-2

DRAWING NUMBER: 02 of 03

ATTACHMENT 1

PROJECT PHOTOGRAPHS

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

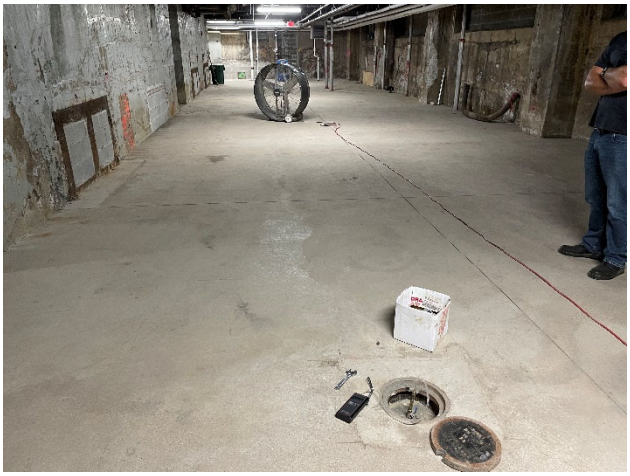

Photo 3:

Photo 4:

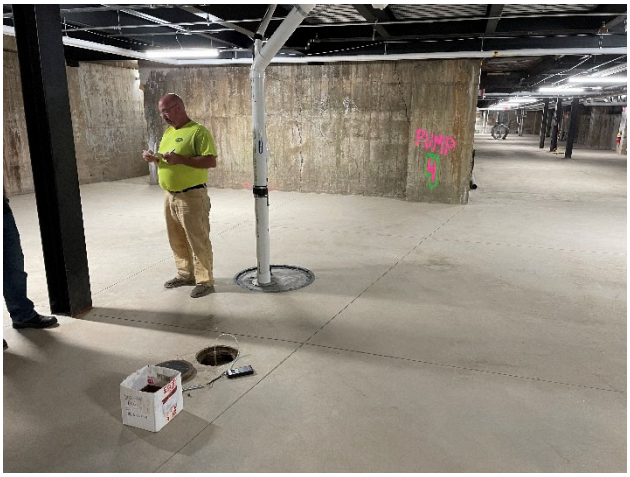

Photo 1: Test Port #1 showing measured pressure differential.

Photo 2: Test Port #1.

Photo 3: Test Port #2 showing measured pressure differential.

Photo 4: Test Port #2.

Former Buffalo Color Area C Buffalo, New York Photo Date: 2021-10-01	ORION Environmental Solutions, LLC

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

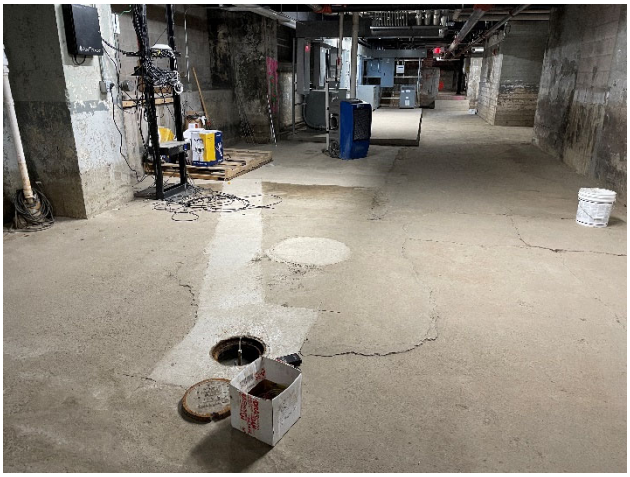

Photo 5: Test Port #3 showing measured pressure differential.

Photo 6: Test Port #3.

Photo 7: Test Port #4 showing measured pressure differential.

Photo 8: Test Port #4.

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

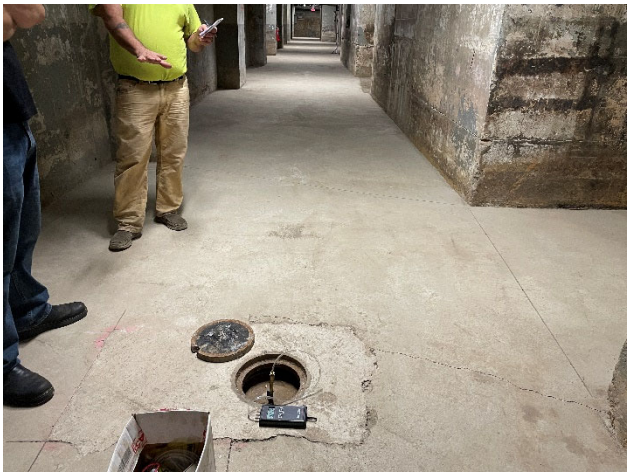

Photo 11:

Photo 12:

Photo 9: Test Port #5 showing measured pressure differential.

Photo 10: Test Port #5.

Photo 11:

Photo 12: