



January 12, 2024

Megan Kuczka
Environmental Program Specialist - 1
New York State Department of Environmental Conservation
700 Delaware Avenue
Buffalo, NY 14209

Re: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Buffalo Color Area "D"
Site No.: 915012
Site Address: 2 Buffalo Creek Railroad
Buffalo, NY 14210

Dear Ms. Kuczka:

On behalf of South Buffalo Development Corporation, LLC (SBD), Inventum Engineering is submitting this revised periodic review report (PRR) for the Buffalo Color Area "D" 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, 2022 to October 5, 2023.

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 18, 2023. The NYSDEC's questions and comments are reproduced in the bullets below followed by Inventum's response in *italics*.

- Why were additional PFAS samples collected besides the effluent samples? Please assess their results.
These samples were collected for internal purposes. The PRR has been revised to include the PFAS additional sampling data collected in September 2023 (Section 5.1 and Table 2). Only an effluent PFAS sample will be collected during 2023-2024 reporting period.
- Section 5 – Update the dates in the embedded Table title and within the table.
The PRR has been revised in accordance with the comment.
- Section 6.2 – Elaborate on why carbon was only changed twice during the Certifying Period, rather than four times.
Section 6.2 of the PRR has been revised with additional clarification on the carbon change outs during the reporting period.
- Table 1 – Note A is not being adhered to. Please revise appropriately.
Table 1 has been revised to clarify the note.
- Figure 2 through 5 – Are the water levels collected for the groundwater contour map when the system is pumping or off?

The Area D system is typically operated for 1-hour once a month and the water levels collected approximately 6-hours after (e.g. when the pumps are off).

- Attachment A – Check yes, for Box 1, Question 4 as a new BSA discharge permit should have been issued.
 - Provide the updated BSA discharge permit.
A new BSA discharge permit has not been issued. The BSA has allowed continuing discharge under the existing permit in anticipation of a new permit application capturing the planned upgrades to the treatment system that were initially planned to be completed in Q3 2023. Based on the current system upgrade completion schedule of Q2 2024, SBD submitted a permit renewal application based on the existing operating conditions in November 2023. BSA has not formerly responded to that renewal application but has indicated they may allow further operation under the current extension of the existing permit until the system changes are complete. E-mail correspondence from the BSA is provided under separate cover.
- Attachment C –
 - The water levels used for the 4Q 2023 hydrograph is different day than the levels used in the groundwater contour maps. Why is this?
 - The 2023 hydrograph doesn't include quarterly results. Please revise.
The 2022 and 2023 hydrograph has been revised to include observation well elevations and extraction well totals for each of the measurement periods. These measurements were collected monthly (with some exception) during the reporting period. Figures 2 through 5 have been revised to include a note on the date the corresponding water level was collected.
- Attachment E –
 - Add in the 3Q2023 discharge monitoring report.
 - Why are the flow totals for Area D estimated. Is there not a flowmeter specifically for Area D?
The 3Q2023 DMR was not available at the time of the initial submittal and has been included in the revised PRR. There are flow totalizers for each of the Area D extraction wells. The "estimated" can be removed from the DMR.

The forms for the site are enclosed documenting the SM requirements during the reporting period. The Institutional Controls (ICs) portion of the form (Box 6) and the Engineering Controls (ECs) portion of the form (Box 7) have been signed.

Please feel free to call with any questions or comments.

Respectfully submitted,

John P. Black, P.E.





President
Enclosure

cc: Eugene Melnyk
Richard Galloway
Kirsten Colligan
John Yensan
Jon Williams

NYSDEC Region 9
Honeywell International Inc.
Ontario Specialty Contracting, Inc.
South Buffalo Development, LLC
South Buffalo Development, LLC



Enclosure



Buffalo Color Area “D” Site Management Periodic Review Report

2 Buffalo Creek Railroad
Buffalo, New York
NYSDEC Site Number 915012

Dates Covered by Report:
October 5, 2022 to October 5, 2023



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ATTACHMENT B - SITE INSPECTIONS

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ATTACHMENT D - GROUNDWATER DATA

ATTACHMENT E - DISCHARGE MONITORING REPORTS

ATTACHMENT F – GAC REACTIVATION BILL OF LADINGS

ATTACHMENT G – PHOTOLOG



1 Site Summary

The 18.921-acre Site is located at 2 Buffalo Creek Railroad in the City of Buffalo, County of Erie, New York. The Site is one of five areas that comprised the portion of the former Buffalo Color Corporation, which produced dyes and organic chemicals until its bankruptcy in 2005, purchased by South Buffalo development, LLC. The Site was remediated in accordance with a June 28, 1993 Order on Consent (1993 Order); index B9-0014-84-01RD, between the New York State Department of Environmental Conservation (NYSDEC) and AlliedSignal Incorporated.

Remedial investigations determined that Site soil contained concentrations of organic and inorganic substances that exceeded the NY Commercial and Industrial Soil Cleanup Objectives (SCOs). Shallow groundwater was found to contain concentrations of organic and inorganic substances that exceeded the NY Class GA standards.

The following is a summary of the remedial actions performed at the Site:

- Stabilization of the shoreline along the Buffalo River and planting appropriate vegetation to enhance aquatic and upland habitat (Note: this was modified by the Water keeper).
- Consolidation of contaminated soil on-Site, re-grading and capping of the soils.
- Construction of a hydraulic barrier (i.e., slurry wall) along the perimeter of the Site (Figure 1);
- Installation and operation of a groundwater extraction system (D-EW-1 through D-EW-4) to convey extracted groundwater to the treatment system (GWTF) located on Area A.
- Installation of an observation well network to monitor groundwater elevation and verify that an inward gradient is maintained across the hydraulic barrier. These wells are referred to with the "OW" prefix on Figure 1.
- Execution and recording of an environmental easement to restrict land use and address future exposure to any remaining contamination at the Site.
- Development and implementation of a Site Management Plan for long term management of remaining contamination.
- Maintenance and bathymetric survey of the Sediment Deposit Area

During the reporting period, the following routine Operations, Maintenance, and Monitoring (OMM) activities were completed in accordance with the (1) Site Management Plan (SMP) prepared by Mactec Engineering and Consulting P.C. dated April 20, 2015 (SMP) and/or (2) additions to the monitoring program from prior PRR approvals.

- Annual shallow groundwater sampling via a composite extraction well sample collected from the force main within the Area A groundwater treatment facility (GWTF);
- Quarterly Site inspections;
- Annual brush hog mowing of the cap performed following the last week of September;
- Quarterly groundwater extraction system performance monitoring;
- Quarterly observation well monitoring; and
- Annual groundwater treatment system effluent sampling for Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-Dioxane.

1.1 Effectiveness of the Remedial Program

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



- The cap system is intact with suitable vegetative cover. No cover system maintenance is required at this time (Attachment G).
- A consistent inward gradient has been maintained across the hydraulic barrier based upon the comparison of observation well measurements collected outside of the hydraulic barrier (near the Buffalo River) and those collected from neighboring interior observation wells.
- Site inspection reports indicate that the effectiveness of the knotweed (invasive plant species) barrier fabric installed within the southwestern corner of the Site has limited the knotweed from growing further inland. Evaluation of inland growth continues as part of the quarterly cover system inspections.
- A trapper was hired for the season as a precaution to control any woodchucks or other burrowing animals that could damage the cap system. No burrows have been identified that would require filling and no animals have been observed.
- There were no excavations, change of use, or groundwater use on the Site during the reporting period.

1.2 Compliance

No areas of non-compliance have been identified.

1.3 Recommendations

No changes to the SMP are recommended. OMM activities will continue during the subsequent reporting period.



2 Site Overview

2.1 Site Location

The 18.921-acre Site is located at 2 Buffalo Creek Railroad in the City of Buffalo, County of Erie, New York. The Site is bounded by the Buffalo River to the east, south, and southwest; a railroad yard to the north; and an abandoned railroad right-of-way to the northeast (Figure 1). Beyond the abandoned railroad right of way is Area A. Further the surrounding area consists of industrial and residential properties.

Originally founded as the Schoellkopf Aniline and Dye Company in 1879, the plant produced dyes and organic chemicals based primarily on aniline and various aniline derivatives. The company was reorganized into the National Aniline Chemical Company in 1916. It became one of the five companies that merged to create Allied Chemical Corporation (Allied Chemical) in 1920. The existing dye-making facility and the right to produce certain dyes and intermediates were sold by Allied Chemical to Buffalo Color Corporation on July 1, 1977. At the time of the sale, the plant was divided into eight areas designated with the letters A, B, C, D, E, F, G, and H. Buffalo Color Corporation purchased the manufacturing areas A through E, while Allied Chemical retained an acid plant (which was subsequently sold to PVS Chemicals in 1981), the research and development facility on Area F, and the parking lots on Areas G (Elk Street) and H (Smith Street).

Environmental investigation of the Area D Site began in the 1980s. In accordance with the Order on Consent, Area D finalization of the remedial investigation occurred from 1993 through 1996 and remediation occurred from 1996 through 2000. OMM activities have been conducted in accordance with a NYSDEC approved, post-remedial construction, OMM Plan for Area D (Parsons, 2001) since the completion of remediation.

In 2005, Buffalo Color Corporation filed for bankruptcy and ceased manufacturing activity. During the bankruptcy proceedings, some of the facility's production equipment was sold and removed from the Site. In conjunction with the bankruptcy, the office building and former plant hospital located at 100 Lee Street on Area B and the warehouse building (Building 322) located near Elk Street on Area E, along with some of the land under and around those buildings, were sold to other parties. Agreements are in place to preserve access rights to the land for the purposes of any required environmental investigation and remediation activities. The remaining buildings and property on Areas A, B, C, D and E were purchased by SBD in 2008. Areas A and B were subsequently sold to Heritage Discovery Center, LLC in 2010. Access rights have been retained for these areas.

2.2 Chronology

Numerous environmental investigations have been completed for the Buffalo Color property, including Area D, dating back to the 1980s. In accordance with the order on consent, finalization of the Area D remedial investigation occurred from 1993 through 1996 and remediation occurred from 1996 through 2000. Remediation of the Site began on July 24, 1996. Planting of wetland and woody vegetation to enhance aquatic and upland habitat was completed during the spring of 1999. Replanting of trees in several areas and construction of the cap, hydraulic barrier and extraction system was completed by November 2000. During the fall of 2017, Buffalo Niagara Waterkeeper along with Anchor QEA began the shoreline improvement project at Area D. Invasive plant species were removed from within 25' of the waterline and native plant species were introduced. This project continued throughout the growing season of 2018 with what the Waterkeeper termed "a final review of the project" in the Spring 2019. At the time, SBD had concerns about the effectiveness of the planting. The NYSDEC and OSC attended a site meeting with the Buffalo Niagara Waterkeeper in July 2020. It was noted during the meeting that a



tremendous amount of debris had settled over the planting area, and given the size, will not likely float away without outside influence. SBD will not make any attempts to remove this debris.

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

- Installation of a soil-bentonite slurry wall (vertical hydraulic barrier) around the Site perimeter to restrict migration of impacted shallow groundwater to the Buffalo River;
- Plugging of all pipes encountered during the remedial action using concrete;
- Installation of a Resource Conservation and Recovery Act (RCRA) compliant cap system over the entire Site to prevent soil contact and precipitation infiltration. The cap system included a flexible membrane liner, geonet drainage layer, two feet of cover soil, and 6 inches of topsoil to establish a vegetative cover;
- Excavation and dredging of soil/sediment along the Area D shoreline and placement of the removed soil/sediment within the footprint of the cap system;
- Placement of riprap along the Area D shoreline to prevent erosion of soil and sediment and migration of eroded soil and sediment to the Buffalo River;
- Placement of geotextile and riprap over the Sediment Deposit Area (SDA), an area along the western shoreline where a historic slope failure had occurred;
- Installation of a groundwater extraction system (GWES) and treatment facility to address hydraulic control of impacted Site groundwater, behind the Site vertical hydraulic barrier; and
- Preparation of a Site OMM Plan to provide direction towards managing the long-term remedy.

Additional remedial actions were performed to complete the Site remedy and allow closure of the 1993 Order on Consent. The following actions were approved by NYSDEC and implemented between 2014 and 2015.

- An initial bathymetric survey was conducted on April 29, 2015. Additional surveys will occur every 5 years to ensure that the riprap containment structure is in place and effectively preventing potentially impacted sediment migration;
- 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 establishing engineering and institutional controls, prohibiting groundwater use, providing protocols for disturbance of Site soils and/or groundwater, and limiting future land use to commercial or industrial use; and
- Development and implementation of a Site Management Plan for long term management of the site remedy as required by the environmental easement, which includes plans for institutional and engineering controls, performance monitoring, operation and maintenance, and reporting.

3 Progress During the Reporting Period

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



3.1 Exposure Potential

The potential for direct exposure to impacted soils and/or groundwater is mitigated by ensuring the cap system is intact as constructed and the recorded environmental easement is adhered to. The following bulleted items summarize the objective performance evaluation of Site remedial measures towards preventing exposure to remaining contamination.

- The Site-wide inspection reports indicate that compliance with the Site institutional controls, established by the environmental easement, has been upheld. There were no excavations, change of Site use, or groundwater use that occurred during the reporting period.
- Site cover system inspection reports indicate the soil cover and cap system are intact and maintain suitable vegetation. No cover system maintenance is required at this time.
- Inspection sheets for the reporting period are provided as Attachment B. Inspections were conducted on a quarterly basis during the reporting period and included conditional observations of the soil cover, site slopes, surface drainage structures, access road, and extraction wells. There were no observations during the reporting period that indicate the need for cover system repair.

3.2 Off-Site Migration

Off-Site migration of impacted groundwater is mitigated by maintaining an inward hydraulic gradient between the observation wells “outside” of the VHB (i.e., closest to the Buffalo River; also referred to as exterior wells) and the observation wells “inside” the hydraulic barrier (interior wells). The risk of impacted soil migration due to slope failure along the Area D Buffalo River shoreline is mitigated through the monitoring and maintenance of riverbank vegetated slopes¹ and structures. Additionally, the lack of potentially impacted sediment migration from the SDA is verified through bathometric survey monitoring; performed every five years. The following bulleted items summarize the objective performance evaluation of Site remedial measures towards the mitigation of off-Site contaminant migration.

- A consistent inward gradient has been maintained across the hydraulic barrier; based upon the comparison of observation well measurements collected outside of the hydraulic barrier (near the Buffalo River) and those collected from neighboring interior observation wells (Attachment C and Figures 2 through 5).
- Site cover system inspection reports indicate the Site soil cover system is intact and maintains suitable vegetation (Attachment G).

3.3 Natural Attenuation

Annual groundwater monitoring data has been collected within the reporting period and after review of the data, an apparent trend, either decreasing or increasing, has not been identified for the Area D Site.

Tabulated analytical results for the annual Area D GWES composite sample and annual PFAS effluent sampling are provided as Table 1 and 2, respectively. Laboratory data reports are in Attachment D. Groundwater elevations from the observation well pairs are provided as Table 3. Groundwater monitoring data will continue to be obtained and evaluated in the subsequent reporting period.



4 IC/EC Plan Compliance Report

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

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

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

- Recorded protocols for the disturbance of Site soils and/or groundwater, and addressing potential vapor intrusion (VI) pathways of occupied structures associated with future development at the Site²;
- An integrated Site-wide cover system consisting of flexible membrane liner, geocomposite drainage layer, clean soil with a minimum thickness of 24 inches, and topsoil supporting vegetation;
- Riverbank slope stability fortifications consisting of riprap toe buttress and geotextile overlain by clean soil cover and riparian vegetation¹ to prevent erosion and migration of potentially impacted soil to the Buffalo River;
- A geotextile and riprap protective cover placed over the SDA;
- A perimeter storm water drainage system, including a series of shallow vegetated ditches, underlain with perforated drainpipe and intermittent discharge points to the Buffalo River;
- A VHB installed around the perimeter of the Site to prevent migration of contaminated groundwater to the Buffalo River; and
- A GWES to provide the required hydraulic control (as necessary) from within the VHB perimeter.

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

- Documented Site-wide, cover system, and riverbank inspections to ensure the environmental easement is active and in force, the cover system is intact and protective to potential human exposure, and shoreline structures are intact and stable;
- Bathymetric survey measurements collected for the SDA (5-year intervals), to ensure its internment and stability; and
- Hydraulic control behind the VHB is verified through the collection of groundwater elevation measurements from the observation well network, to confirm the presence of an inward hydraulic gradient.

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

There was no material imported to the Site during the reporting period.

² Area D has evolved into a wildlife habitat, no development is planned on Area D.



IC/EC Certification: The IC/EC certification forms are provided in Attachment A.

5 Monitoring Plan Compliance Report

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

- Annual shallow groundwater sampling at the GWES (Table 1);
- Quarterly groundwater elevation measurements of the VHB observation well network;
- Quarterly Site-wide, cover system and riverbank inspections;
- SDA bathymetric survey monitoring conducted every five years; and
- Annual groundwater treatment system effluent sampling for PFAS and 1,4-Dioxane (Table 2).

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

AREA D 2022-2023 MONITORING EVENT COMPLIANCE SUMMARY

<u>Monitoring Type</u>	<u>Frequency</u>	<u>2022</u>	<u>2023</u>		
		<u>4th</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Groundwater Sampling	Annual				X
Groundwater Treatment System Effluent (PFAS, 1,4-Dioxane)	Annual				X
VHB Observation Wells Groundwater Elevation Measurements	Quarterly	X	X	X	X
Site-Wide, Cover System & Riverbank Monitoring	Quarterly	X	X	X	X

AREA D SDA BATHYMETRIC SURVEY MONITORING COMPLIANCE SUMMARY

YEAR

Baseline Survey	<u>2015</u>
Next Survey	2025

5.1 Comparisons with Remedial Objectives:

Natural attenuation of Site groundwater is tracked through the sampling of Site extraction wells. New York State Water Quality Standards for Surface Water and Groundwater (Table 1, cf. section 703.5 - Class GA) are the established groundwater quality objectives for the Site.

Eurofins Laboratories, Inc. in Amherst, NY performed the laboratory analysis for the collected groundwater sample (Table 1) and groundwater treatment system effluent sample (Table 2). Laboratory data reports are provided in Attachment D.

There are no established comparative standards for PFAS discharge to the BSA and the BSA discharge permit does not require sampling, testing, or reporting of PFAS in the SMR's. Samples were collected of the Area D influent and Area A/D combined influent during the reporting period for internal comparative purposes. These results are also included in Table 2. Similar PFAS analytes were detected in the influent samples and the effluent samples. The data also shows the GAC reduces PFAS concentrations.



5.2 Monitoring Deficiencies

No monitoring deficiencies were noted.

5.3 Conclusions and Recommendations for Changes

No changes to the SMP are recommended at this time. OMM activities will continue during the subsequent reporting period.

6 Operations and Maintenance Plan Compliance Report

6.1 Components of the O&M Plan

The operations and maintenance requirements for the GWES are provided in the GWES operation, maintenance, and monitoring (OM&M) plan. Information on non-mechanical engineering controls (i.e., soil cover system) is provided in section IV - IC/EC Plan Compliance Report.

- Monthly (Quarterly Minimum) Groundwater Extraction System Monitoring: During this activity, the O&M contractor inspects the conditions of the extraction and observation wells; records groundwater level measurements at each observation well; and records flow totalizer readings from each extraction well. This information is summarized in the observation well hydrographs Attachment C.
- Monthly (Quarterly Minimum) GWTF Treatment Plant Monitoring: Groundwater from the Area D extraction system is conveyed to the treatment plant located on Area A. The combined groundwater from Area A and Area D is combined, treated, and discharged to the BSA. Discharge samples are collected quarterly, and the data is submitted within a discharge monitoring report (DMR) to the BSA on a quarterly basis, as specified in the BSA discharge permit, with a copy provided to the NYSDEC. DMR copies, submitted within the reporting period, are provided as Attachment E.

6.2 Summary of O&M Completed

In addition to the GWES and treatment plant system monitoring activities, various repair and maintenance initiatives are routinely completed on the mechanical, electrical, and plumbing systems; to maintain performance of the GWES. Items requiring repair and maintenance include, but are not limited to, transfer pumps, submersible pumps, well casings/screens, holding tanks, pressure vessels, conveyance plumbing, filter media, activated carbon, backup generator, control/communication electrical, power supply electrical, building envelope, and personnel hygienic facilities. Annual mowing of the meadow area is completed in the third quarter and invasive knotweed is evaluated monthly.

The groundwater extraction system is operated intermittently as continuous operation is not required to maintain hydraulic control. Extraction pumps are typically operated for one day a month to flush the lines and when an effluent sample is collected for BSA permit compliance. Approximately 10,746 gallons was extracted and treated over the reporting period.

Granular Activated Carbon (GAC) is a component of the extracted groundwater treatment prior to discharge to the BSA. GAC is changed periodically to maintain treatment capabilities. GAC is removed by a vendor (Carbon Activated Corporation of Blasdell, NY) for reactivation and fresh reactivated GAC is installed. GAC change-outs were conducted in March 2023 and September 2023. Both of the primary and secondary GAC units of each of the two treatment trains were changed out in order to increase



OM&M operator efficiency/ease as opposed to rotating primary/secondary units and changing out GAC quarterly as in prior reporting periods. Bill of Ladings for these reactivation shipments are provided as Attachment F.

6.3 Evaluation of Remedial Systems

The Area D remedial system is effectively achieving the objectives of the remedial action. Operation of the Area D groundwater extraction wells on a continual basis is not required to provide the required hydraulic control behind the VHB.

Upgrades to the GWTF are being implemented through a Corrective Measures Program under the Brownfield Cleanup Program (BCP) for Area A (BCP Site No. C915230). Treatment of the Area D groundwater is included in that ongoing work.

6.4 O&M Deficiencies

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

6.5 Conclusions and Recommendations

No changes to the SMPs are recommended at this time.

7 Overall PRR Conclusions and Recommendations

7.1 Compliance with SMP

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

7.2 Performance and Effectiveness of the Remedy

The condition of the cap system and consistent inward gradient across the hydraulic barrier indicate that the remedy is performing effectively.

7.3 Future PRR Submittals

It is currently expected that the next PRR will be submitted on or about November 3, 2024.



Table





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

		1,2-Dichlorobenzene (a)	1,3-Dichlorobenzene (a)	1,4-Dichlorobenzene (a)	Aniline	Benzene	Cholorobenzene	2-Chlorophenol	Methylene Chloride	N-Nitrosodiphenylamine	Naphthalene	Total Recoverable Phenols	Cyanide, Amenable	Total Phosphate as P	Chromium	Copper	Lead	Nickel	Zinc
Class GA Standard**		3	3	3	5	1	5		5	10	1	200		50	200	25	100	2000	
Area D influent	06/14/18	8.0J	5.3J	49	<100	30	2,600	6.7J	5.6J	<5	<50	500	<5	260	6.9	20	<1.5	5.6J	6J
	06/03/19	5.1J	3.3J	28	5.9J	21J	2,400	7	<50	2.7J	15	24B	<5	310	4.9	<10	<3	2.6J	2.8J
	05/18/20	5.7 J	3.6J	32	5.5J	15J	1,800	6.3	<25	2J	<5	5.3JF1B	<5	370	7.5	15B	7.1 J	4.7J	5J
	06/03/21	4.1	3J (2.7)	26 (21)	10	11	770	7.3	<2J	2J	<5	4J	<5	510B	5.6	3.9J	<3	4.1J	3.8J
	09/29/22	7.9J (5.9J)	0.78J (<5.4)	12J (9.2J)	5.7J	89	2,200	4.5 J	<8.1	<0.14	1.4J	<3.5	7 J	400	5.4	<1.6	3.5 J	5.7 J	2.8 BJ
	09/28/23	1.9 J (<18)	<22 (<0.83)	7.6 J (<20)	2.5 J	<24	2,100	5.4 J	<33	<0.69	3.1 J	5.5 J	<5	550	4.5	<1.6	7.4 J	4.6 J	9.9 J

Notes: All Results are shown in ug/L.

(a) Analyte is reported for both VOCs (Method 624.1) and SVOCs (Method 625.1). If detected or detected at an estimated concentration in both methods the lower of the two reported concentrations is shown in the parenthetical. If both methods are non-detect the lower of the two reporting limits are shown in the parenthetical. Non-detects are reported in the parenthetical regardless of value if there was a detection or estimated detection of the analyte in the alternate method.

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

B - compound was found in blank sample

F1 - MS/MSD recovery is outside acceptable limits

Yellow highlighted results indicate a detection above the Class GA standard shown. Non-detects highlighted if half the reporting limit shown is above the standard.



Table 2
PFAS Effluent Data Summary
Buffalo Color Area "D"
Buffalo, I NY

Analytes	Units	Area A/D Effluent										Area A/D Influent		Area D Influent				
		3/25/2021	8/19/2021	8/19/2021 1 (DUP)		9/29/2022	9/29/2022 (DUP)	9/28/2023	9/28/2023 (DUP)	9/28/2023	9/28/2023							
Perfluorinated Alkyl Acids (537 Mod)																		
1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	ng/L	<37	<1.6	U	<1.6	U	<0.62	U	<0.62	U	<0.73	U	<0.65	U	<0.66	U	<0.75	U
1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ng/L	<93	8.1		7.3		<1.0	U	<1.0	U	<1.2	U	<1.1	U	<1.1	U	<1.3	U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	ng/L	<93	<3.9	U	<3.9	U	<1.5	U	<1.5	U	<1.8	U	<1.6	U	<1.6	U	<1.9	U
N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	ng/L	<93	<3.9	U	<3.9	U	<1.3	U	<1.3	U	<1.5	U	<1.4	U	<1.4	U	<1.6	U
PERFLUOROBUTANESULFONIC ACID	ng/L	<37	4.7	B	5.1	B	4.6		4.6		1.2	J	1.3	J	1.1	J	2.1	
PERFLUOROBUTYRIC ACID (PFBA)	ng/L	<93	6.5		6.6		5.4		5.5		4.4	J	4.9		11		32	
PERFLUORODECANE SULFONIC ACID	ng/L	<37	<1.6	U	<1.6	U	<0.32	U	<0.32	U	<0.38	U	<0.34	U	<0.34	U	<0.39	U
PERFLUORODECANOIC ACID (PFDA)	ng/L	<37	<1.6	U	<1.6	U	<0.37	U	<0.37	U	<0.43	U	<0.39	U	<0.39	U	<0.45	U
PERFLUORODODECANOIC ACID (PFDoA)	ng/L	<37	<1.6	U	<1.6	U	<0.39	U	<0.39	U	<0.46	U	<0.42	U	<0.42	U	<0.48	U
PERFLUOROHEPTANE SULFONATE (PFHpS)	ng/L	<37	3.2		3.1		<0.33	U	<0.33	U	<0.39	U	<0.35	U	0.51		1.2	J
Perfluoroheptanoic Acid (PFHpA)	ng/L	<37	2.5		2.5		<0.43	U	<0.43	U	<0.51	U	<0.46	U	1.8		2	
PERFLUOROHEXANESULFONIC ACID	ng/L	47	56		57		2.2		2.3		2.4		2.2		10		28	
PERFLUOROHEXANOIC ACID (PFHxA)	ng/L	<37	11		10		1.5	J	1.3	J	1.5	J	1.3	J	4.1		8	
PERFLUORONONANOIC ACID	ng/L	<37	0.32	J	0.47	J	<0.39	U	<0.39	U	<0.46	U	<0.42	U	<0.42	U	<0.48	U
Perfluorooctane Sulfonamide (FOSA)	ng/L	<37	<1.6	U	<1.6	U	<0.74	U	<0.74	U	<0.87	U	<0.78	U	<0.78	U	<0.9	U
PERFLUOROOCTANE SULFONIC ACID	ng/L	110	170	B	160	B	<0.68	U	<0.68	U	3.6		3.7		21		61	
Perfluorooctanoic acid (PFOA)	ng/L	<37	6.7		7.5		<0.61	U	<0.61	U	1.4	J	1.6	J	5.2		7.9	
PERFLUOROPENTANOIC ACID (PFPeA)	ng/L	<37	4.4		4.6		3.3		3.1		1.9		2.4		8.4		19	
PERFLUOROTETRADECANOIC ACID (PFTeA)	ng/L	<37	<1.6	U	<1.6	U	<0.51	U	<0.51	U	<0.60	U	<0.54	U	<0.54	U	<0.62	U
PERFLUOROTRIDECANOIC ACID (PFTriA)	ng/L	<37	<1.6	U	<1.6	U	<0.38	U	<0.38	U	<0.45	U	<0.41	U	<0.41	U	<0.47	U
PERFLUOROUNDECANOIC ACID (PFUnA)	ng/L	<37	<1.6	U	<1.6	U	<0.44	U	<0.44	U	<0.52	U	<0.47	U	<0.47	U	<0.54	U
SVOCs (8270 SIM)																		
1,4-Dioxane	ug/L	0.51	0.3		0.34		0.14	J	0.15	J	0.2	B	0.2	B	1.3	B	4.5	B

Notes:
1 - Compounds Detected Above the Method Detection Limit are presented in Bold Font.
2 - U - Not Detected above Method Detection Limit Shown; J =Esimated Value below the RL but above the MDL; B = analyte detected above the RL in the method blank;
ng/L = nanograms per liter (parts per trillion equivalent); ug/L = micrograms per liter (parts per billion equivalent)



Table 3
Observation Well Elevation Data Summary
Buffalo Color Area "D"
Buffalo, New York

Observation Wells - Distance Between Water Level and Top of Well Casing (ft bgs and ft. AMSL)																								
Date	D-OW-1I (ft.TOC)	D-OW-1I (ft.AMSL)	D-OW-1E (ft.TOC)	D-OW-1E (ft.AMSL)	D-OW-2I (ft.TOC)	D-OW-2I (ft.AMSL)	D-OW-2E (ft.TOC)	D-OW-2E (ft.AMSL)	D-OW-3I (ft.TOC)	D-OW-3I (ft.AMSL)	D-OW-3E (ft.TOC)	D-OW-3E (ft.AMSL)	D-OW-4I (ft.TOC)	D-OW-4I (ft.AMSL)	D-OW-4E (ft.TOC)	D-OW-4E (ft.AMSL)	D-OW-5I (ft.TOC)	D-OW-5I (ft.AMSL)	D-OW-5E (ft.TOC)	D-OW-5E (ft.AMSL)	D-OW-6I (ft.TOC)	D-OW-6I (ft.AMSL)	D-OW-6E (ft.TOC)	D-OW-6E (ft.AMSL)
10/28/2022	16.87	570.13	10.61	571.70	17.42	570.07	10.81	571.46	17.44	570.08	10.43	571.47	17.08	570.16	10.60	571.53	17.03	570.16	10.36	571.47	18.57	570.14	10.85	571.59
12/30/2022	16.98	570.02	10.84	571.47	17.56	569.93	10.76	571.51	17.59	569.93	10.45	571.45	17.43	569.81	11.01	571.12	17.12	570.07	10.42	571.41	18.72	569.99	10.25	572.19
1/31/2023	16.85	570.15	10.75	571.56	17.58	569.91	10.92	571.35	17.82	569.70	10.58	571.32	17.35	569.89	10.76	571.37	17.29	569.90	10.42	571.41	18.86	569.85	10.87	571.57
2/28/2023	16.62	570.38	10.06	572.25	17.26	570.23	10.03	572.24	17.48	570.04	9.72	572.18	17.13	570.11	10.12	572.01	17.05	570.14	9.85	571.98	18.62	570.09	10.44	572.00
3/31/2023	16.65	570.35	10.07	572.24	17.21	570.28	10.01	572.26	17.37	570.15	9.59	572.31	16.98	570.26	9.85	572.28	16.98	570.21	9.55	572.28	18.65	570.06	9.93	572.51
4/28/2023	16.59	570.41	9.79	572.52	17.15	570.34	9.74	572.53	17.13	570.39	9.35	572.55	16.89	570.35	9.54	572.59	16.78	570.41	9.26	572.57	18.28	570.43	9.73	572.71
5/31/2023	16.75	570.25	9.93	572.38	17.46	570.03	9.89	572.38	17.64	569.88	9.47	572.43	17.23	570.01	9.63	572.50	17.12	570.07	9.32	572.51	18.72	569.99	9.84	572.60
6/30/2023	16.73	570.27	9.71	572.60	17.32	570.17	9.53	572.74	17.44	570.08	9.23	572.67	17.09	570.15	9.39	572.74	16.99	570.20	9.13	572.70	18.52	570.19	9.88	572.56
8/31/2023	16.65	570.35	9.95	572.36	17.39	570.10	9.87	572.40	17.52	570.00	9.51	572.39	17.13	570.11	9.69	572.44	17.05	570.14	9.40	572.43	18.71	570.00	9.91	572.53
9/29/2023	16.59	570.41	10.28	572.03	17.13	570.36	10.31	571.96	17.11	570.41	9.91	571.99	16.82	570.42	10.02	572.11	16.74	570.45	9.82	572.01	18.27	570.44	10.38	572.06

ft.TOC = feet below Top of Casing; ft. AMSL = feet above mean sea level

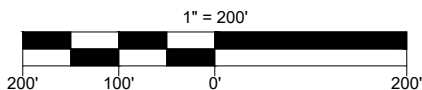
Area D Observation Well Top of Casing Surveyed Elevations (ft. AMSL)

D-OW-1I 586.995
D-OW-1E 582.313
D-OW-2I 587.489
D-OW-2E 582.266
D-OW-3I 587.517
D-OW-3E 581.896
D-OW-4I 587.244
D-OW-4E 582.127
D-OW-5I 587.191
D-OW-5E 581.827
D-OW-6I 588.709
D-OW-6E 582.435

Figure



B



LEGEND

- SUBSURFACE GW COLLECTION PIPE
- 21+ 50 SLURRY CUTOFF WALL
- OW-6E PERIMETER INTERIOR/EXTERIOR
- OW-6I MONITORING OBSERVATION WELLS
- EW-1 GROUNDWATER EXTRACTION WELLS
- RIPRAP
- SUBMERGED RIPRAP
- APPROXIMATE SEDIMENT DEPOSIT AREA SUBJECT TO EASEMENT RESTRICTIONS AND MONITORING

- Note:
- Not all site features are shown.
 - Site features are approximate as shown. Digitized from Site Plan. Buffalo Color Area D. AMEC/Mactec Environment & Infrastructure. Project No. 3410100794. March 13, 2015.

SITE LAYOUT

BUFFALO COLOR AREA "D"
2 BUFFALO CREEK RAILROAD
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
www.InventumEng.com



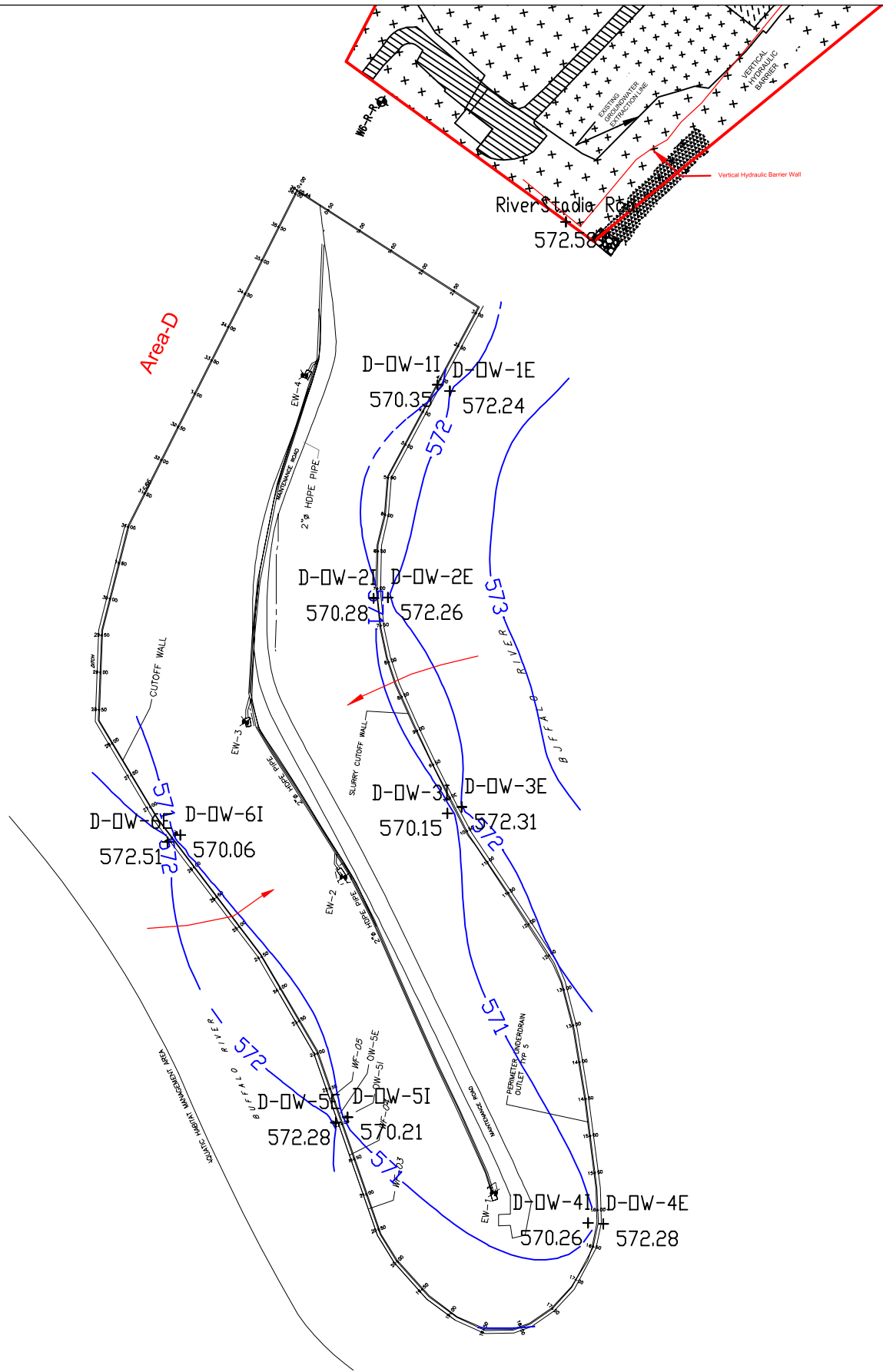
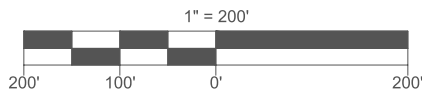
FIGURE 01

DRAWING NUMBER

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B

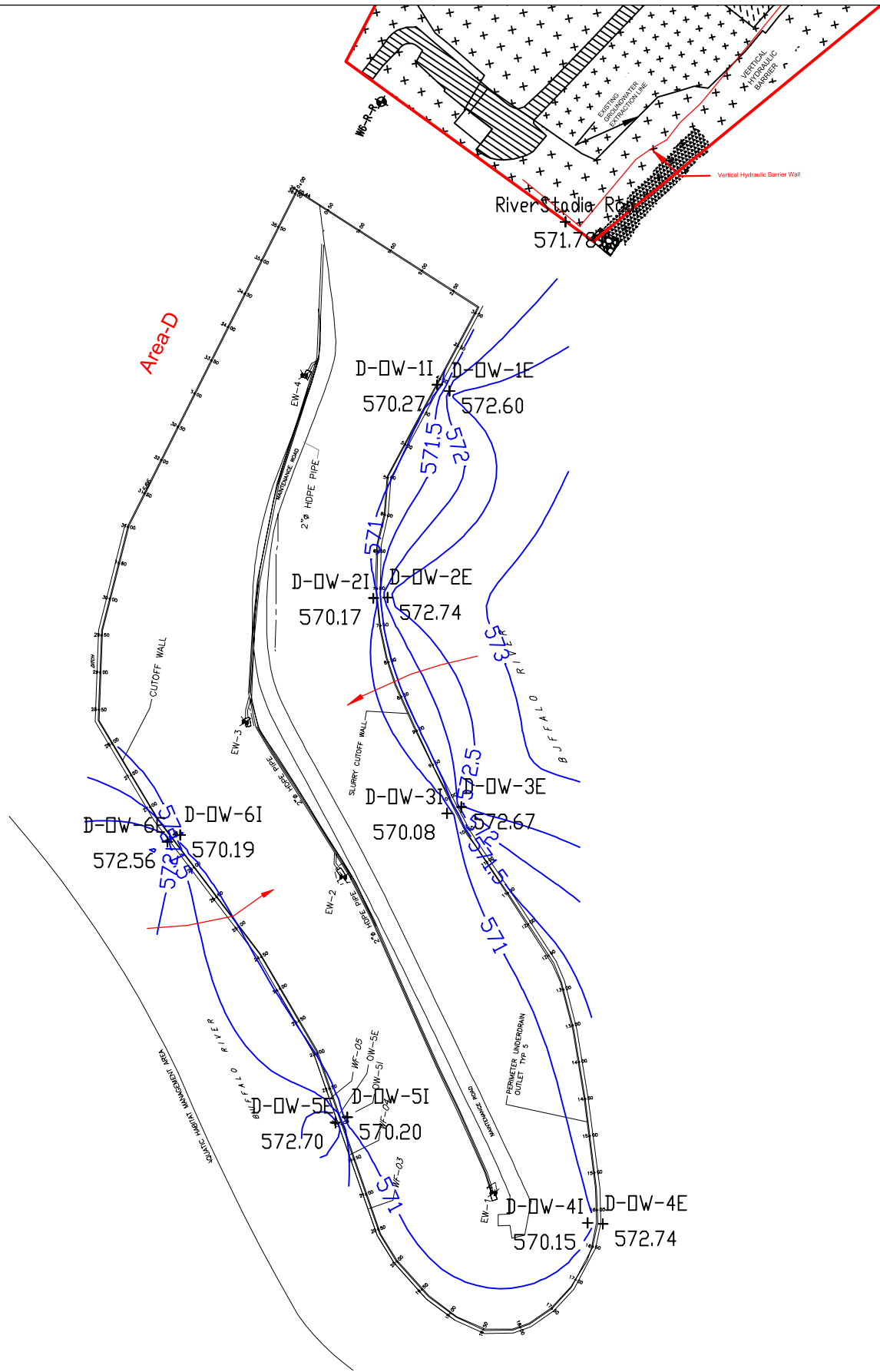
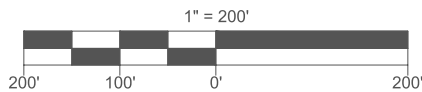


Note: Groundwater elevation data shown collected March 31, 2023

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PROPERTY OF INVENTUM ENGINEERING		
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FIRST QUARTER 2023 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA "D"		
 INVENTUM ENGINEERING 441 CARLISLE DRIVE SUITE C HERNDON, VIRGINIA 20170 (703) 722-6049 www.InventumEng.com		
FIGURE 3		
DRAWING NUMBER		



B

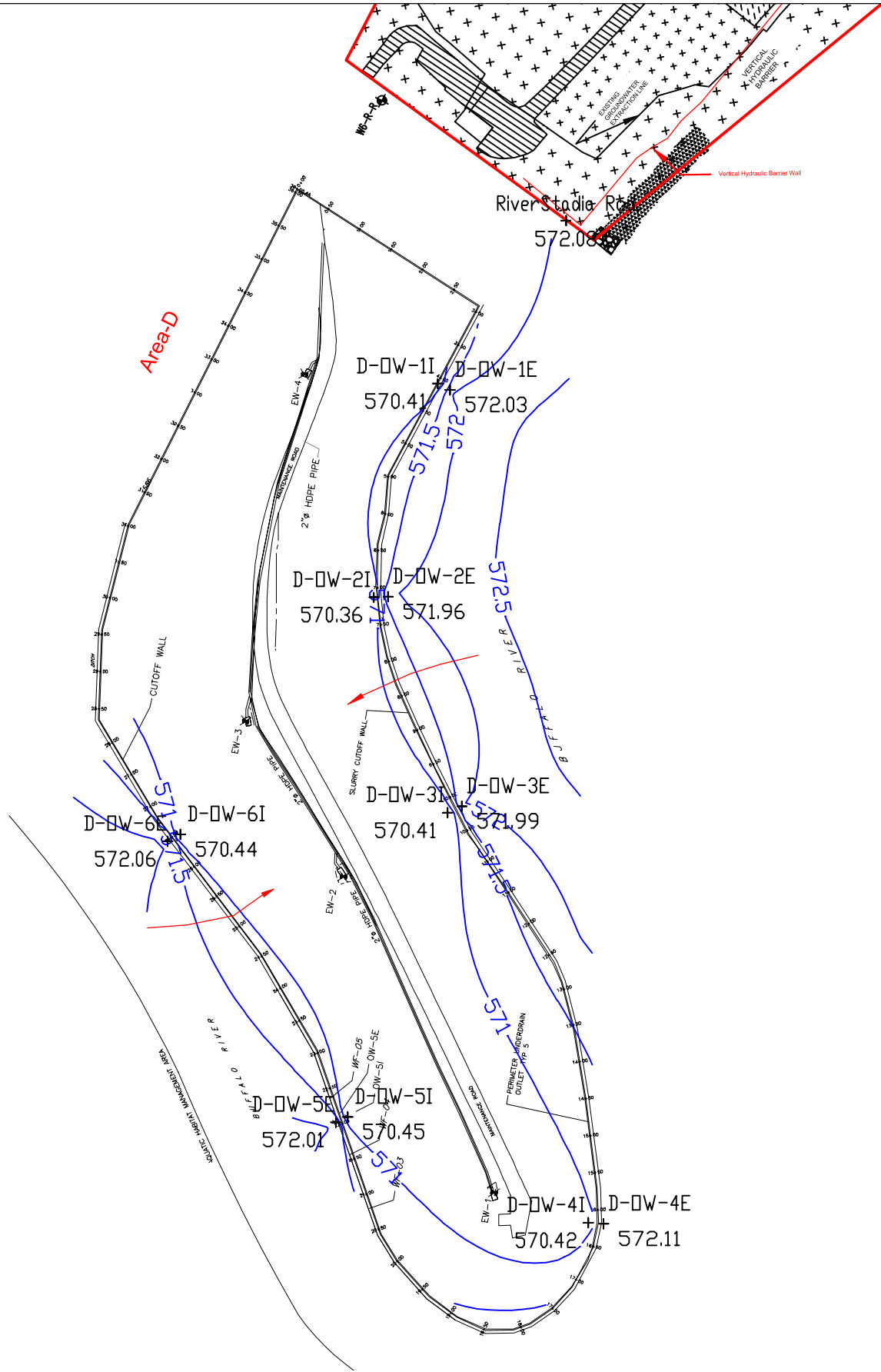
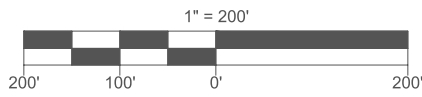


Note: Groundwater elevation data shown collected June 30, 2023

DRAWING BY	CHECKED	APPROVED
PROPERTY OF INVENTUM ENGINEERING		
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NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS THE PROPERTY OF INVENTUM ENGINEERING, INC. AND IS NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING.		
SECOND QUARTER 2023 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA "D"		
 INVENTUM ENGINEERING 441 CARLISLE DRIVE SUITE C HERNDON, VIRGINIA 20170 (703) 722-6049 www.InventumEng.com		
FIGURE 4		
DRAWING NUMBER		



B



Note: Groundwater elevation data shown collected September 29, 2023

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NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.		
THIRD QUARTER 2023 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA "D"		
 INVENTUM ENGINEERING 441 CARLISLE DRIVE SUITE C HERNDON, VIRGINIA 20170 (703) 722-6049 www.InventumEng.com		
FIGURE 5		
DRAWING NUMBER		

Attachments



ATTACHMENT A - IC/EC CONTROLS CERTIFICATION FORM



Site Details

Box 1

Site No. 915012

Site Name Buffalo Color Area "D"

Site Address: 2 Buffalo Creek Railroad Zip Code: 14210
City/Town: Buffalo
County: Erie
Site Acreage: 18.921

Reporting Period: October 05, 2022 to October 05, 2023

YES NO

1.	Is the information above correct?	☒	☐
	If NO, include handwritten above or on a separate sheet.		
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development? ☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? ☒ ☐
- Commercial and Industrial
7. Are all ICs in place and functioning as designed? ☒ ☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date _____

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
122.16-1-10	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

Institutional Controls

An Environmental Easement was imposed for the controlled property which:

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County; and
- requires compliance with the Department approved Site Management Plan.

Site Management Plan

A Site Management Plan has been prepared for the site, which includes the following:

1. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls:

This plan includes, but may not be limited to:

- o an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
 - o descriptions of the provisions of the environmental easement including any land use, and groundwater use restrictions;
 - o provisions for the management and inspection of the identified engineering controls;
 - o maintaining site access controls and Department notification; and
 - o execute necessary activities for the periodic reviews and certification of the institutional and/or engineering controls.
2. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
 - o monitoring of groundwater and riverfill cover area to assess the performance and effectiveness of the remedy; and
 - o a schedule of monitoring and frequency of submittals to the Department.
 3. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:
 - o procedures for operating and maintaining the remedy;
 - o compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
 - o maintaining site access controls and Department notification; and
 - o providing the Department access to the site and O&M records.

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
122.16-1-10	Groundwater Treatment System Cover System Groundwater Containment Fencing/Access Control

Engineering Controls at the site includes:

- A soil-bentonite slurry vertical hydraulic barrier wall surrounding Area "D" to contain

Parcel

Engineering Control

- contaminated groundwater;
- A multilayered soil/synthetic membrane cap on a graded base over the entire site within the limits of the slurry wall;
 - A contaminated groundwater extraction and treatment system with permitted discharge of treated groundwater to the Buffalo Sewer Authority sanitary sewer;
 - Riverbank stabilization using riprap with habitat enhancements;
 - An in-river cover system to isolate and contain grossly contaminated material outside the containment limits of the barrier wall within a limited stretch of riverbank;
 - security fencing; and
 - a monitoring well network.

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 complete.

YES NO

☒

☐

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

☒

☐

**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. 915012

Box 6

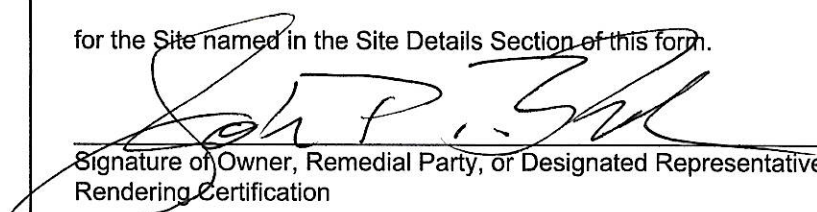
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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 at 441 Carlisle Drive; Ste C; Herndon, VA 20170,
print name 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

01/12/2024

Date

EC CERTIFICATIONS

Box 7

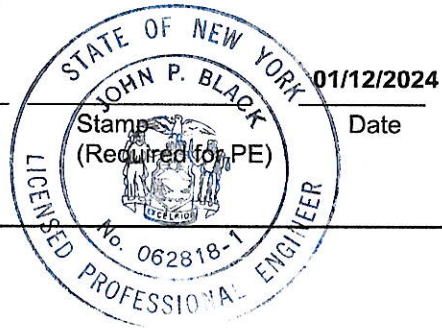
Professional Engineer Signature

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 at 441 Carlisle Drive; Ste C; Herndon, VA 20170,
print name 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



ATTACHMENT B - SITE INSPECTIONS





Attachment B
Inspection Summary
Buffalo Color Area "D"

Pre-Inspection Data							Area D Cover System; Riverbank; & Site-Wide Compliance Inspection																
	Weather					Site Conditions		Cover System (OK / Comment)					Riverbank (OK / Comment)			Site-Wide Compliance (OK / Comment)					Area D Additional Notes		
	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 D Soil Cover Integrity	Area D Grass / Vegetation	Area D Gravel Cover Integrity	Area D Outdoor Paved Areas	Area D Occupied Basement Slabs	Area D Storm Drainage System & Structures	Area D Shoreline Soil Slope Integrity	Area D Shoreline Erosion Protection (Vegetation / Riprap)	Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)	Area D Vertical Hydraulic Barrier Monitoring Program	Area D Groundwater Monitoring Program	Area D Site Records	Area D Active Site Permits	Area D O&M Schedule		Area D Institutional Site Use Restrictions	
Cloud Cover (Clear / Pt. Cloudy / Overcast)					NYSDEC Invitation Extended (Yes / No / List Attendees)					Associate(s)					Date								



Attachment B
Inspection Summary
Buffalo Color Area "D"

Area D Cover System; Riverbank; & Site-Wide Compliance Inspection																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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			Temperature Range (+/- 10 Deg F Range)			Wind (Calm / Moderate / Strong)		Lightning (Yes / No)		Precipitation (None / Rain / Snow / Hail)		Cloud Cover (Clear / Pt. Cloudy / Overcast)		Area D O&M Schedule			Area D Active Site Permits		Area D Site Records		Area D Groundwater Monitoring Program		Area D Vertical Hydraulic Barrier Monitoring Program																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)			Ground Surface (Dry / Damp / Wet)		Area D Outdoor Paved Areas		Area D Gravel Cover Integrity		Area D Grass / Vegetation		Area D Soil Cover Integrity			Area D Storm Drainage System & Structures		Area D Occupied Basement Slabs		Area D Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity		Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)		Area D Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity		Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)		Area D Storm Drainage System & Structures		Area D Occupied Basement Slabs		Area D Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity		Sediment Deposit Area (SDA) Bathymetric Survey 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Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity		Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)		Area D Storm Drainage System & Structures		Area D Occupied Basement Slabs		Area D Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity		Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)		Area D Storm Drainage System & Structures		Area D Occupied Basement Slabs		Area D Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity		Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)		Area D Storm Drainage System & Structures		Area D Occupied Basement Slabs		Area D Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity		Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)		Area D Storm Drainage System & Structures		Area D Occupied Basement Slabs		Area D Storm Drainage System & Structures		Area D Shoreline Erosion Protection (Vegetation / Riprap)		Area D Shoreline Soil Slope Integrity



Attachment B
Inspection Summary
Buffalo Color Area "D"

Pre-Inspection Data								Area D Cover System; Riverbank; & Site-Wide Compliance Inspection																	
Date	Associate(s)	NYSDEC Invitation Extended (Yes / No / List Attendees)	Weather				Site Conditions		Cover System (OK / Comment)						Riverbank (OK / Comment)			Site-Wide Compliance (OK / Comment)					Area D Additional Notes		
			Cloud Cover (Clear / Pt. Cloudy / Overcast)	Precipitation (None / Rain / Snow / Hail)	Lightning (Yes / No)	Wind (Calm / Moderate / Strong)	Temperature Range (+/- 10 Deg F Range)	Ground Surface (Dry / Damp / Wet)	Standing Snow & Ice (LOW: 1" or less / MIDD: 1" to 12" / HI: 12" or more)	Area D Soil Cover Integrity	Area D Grass / Vegetation	Area D Gravel Cover Integrity	Area D Outdoor Paved Areas	Area D Occupied Basement Slabs	Area D Storm Drainage System & Structures	Area D Shoreline Soil Slope Integrity	Area D Shoreline Erosion Protection (Vegetation / Riprap)	Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)	Area D Vertical Hydraulic Barrier Monitoring Program	Area D Groundwater Monitoring Program	Area D Site Records	Area D Active Site Permits		Area D O&M Schedule	Area D Institutional Site Use Restrictions
Fri 9/29/2023	Taylor Kunzelman	No																							

ATTACHMENT C - OBSERVATION WELL HYDROGRAPHS

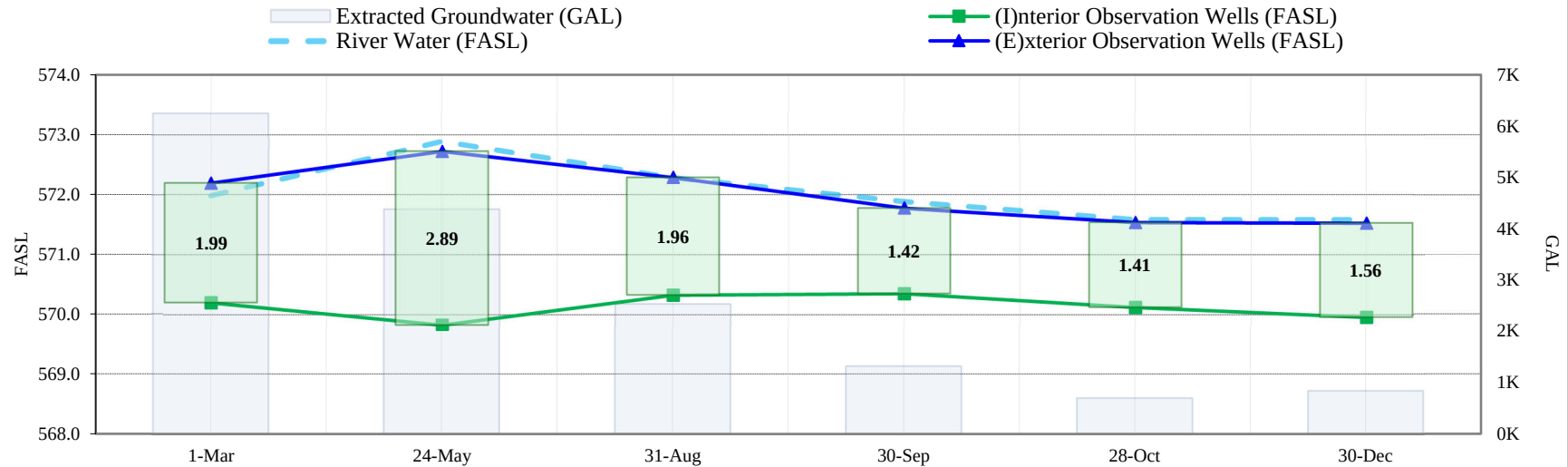


Buffalo Color, Area D - Buffalo River Water Elevations (FASL), Observation Well Groundwater Elevations (FASL), Elevation Differentials (FT) & Extraction Well Network Totals (GAL)

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

2022	RIVER	D-OW SET (1)			D-OW SET (2)			D-OW SET (3)			D-OW SET (4)			D-OW SET (5)			D-OW SET (6)			AVERAGES			D-EW				
Date	RSR	1I	1E	1ED	2I	2E	2ED	3I	3E	3ED	4I	4E	4ED	5I	5E	5ED	6I	6E	6ED	I	E	ED	1	2	3	4	TOTAL
1-Mar	571.98	570.42	572.26	1.85	570.26	572.19	1.93	570.04	572.20	2.16	570.18	572.13	1.94	570.23	572.15	1.92	570.08	572.21	2.13	570.20	572.19	1.99	1,190	790	2,409	1,860	6,249
24-May	572.88	570.05	572.78	2.74	569.86	572.78	2.92	569.62	572.77	3.15	569.82	572.71	2.88	569.86	572.62	2.76	569.75	572.66	2.91	569.83	572.72	2.89	850	510	1,691	1,327	4,378
31-Aug	572.28	570.35	572.26	1.92	570.26	572.30	2.04	570.31	572.28	1.97	570.33	572.28	1.94	570.35	572.30	1.95	570.35	572.30	1.95	570.32	572.28	1.96	320	180	1,438	601	2,539
30-Sep	571.88	570.35	571.70	1.36	570.31	571.76	1.45	570.33	571.76	1.43	570.37	571.81	1.43	570.37	571.81	1.44	570.38	571.82	1.44	570.35	571.77	1.42	210	100	60	946	1,316
28-Oct	571.58	570.13	571.70	1.58	570.07	571.46	1.39	570.08	571.47	1.39	570.16	571.53	1.36	570.16	571.47	1.31	570.14	571.59	1.45	570.12	571.53	1.41	260	120	166	151	697
30-Dec	571.58	570.02	571.47	1.46	569.93	571.51	1.58	569.93	571.45	1.52	569.81	571.12	1.30	570.07	571.41	1.34	569.99	572.19	2.20	569.96	571.52	1.56	210	90	391	147	838
Avg Sum	572.03	570.22	572.03	1.82	570.11	572.00	1.88	570.05	571.98	1.94	570.12	571.93	1.81	570.17	571.96	1.78	570.11	572.12	2.01	570.13	572.00	1.87	3,040	1,790	6,155	5,032	16,017

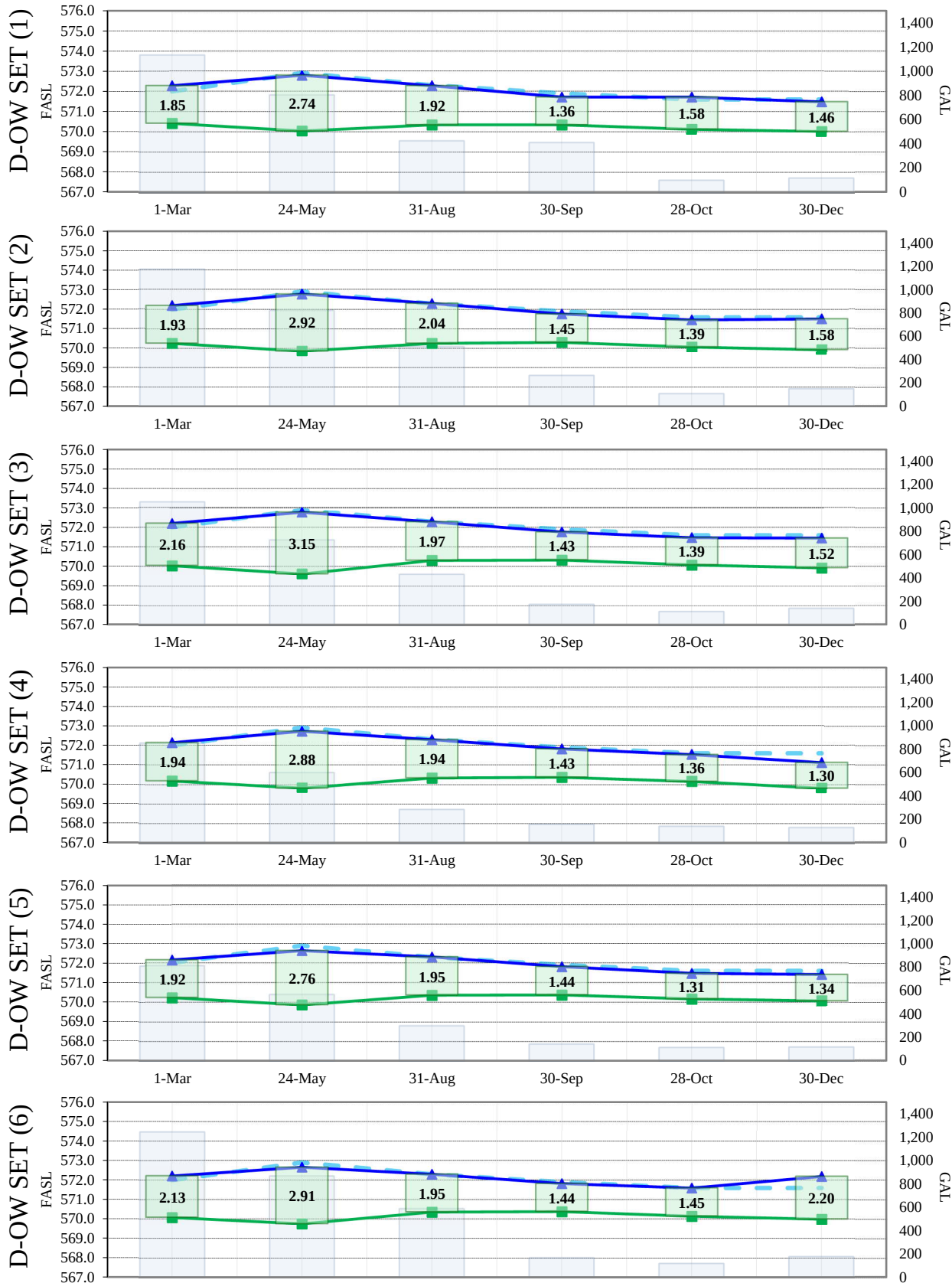
Buffalo Color, Area D - Buffalo River Water Elevations, Observation Well Groundwater Elevations & Extraction Well Network Totals
Monitoring Period Averages



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

2022

■ Extracted Groundwater (GAL) ■ (I)nterior Observation Wells (FASL)
 ■ River Water (FASL) ■ (E)xterior Observation Wells (FASL)

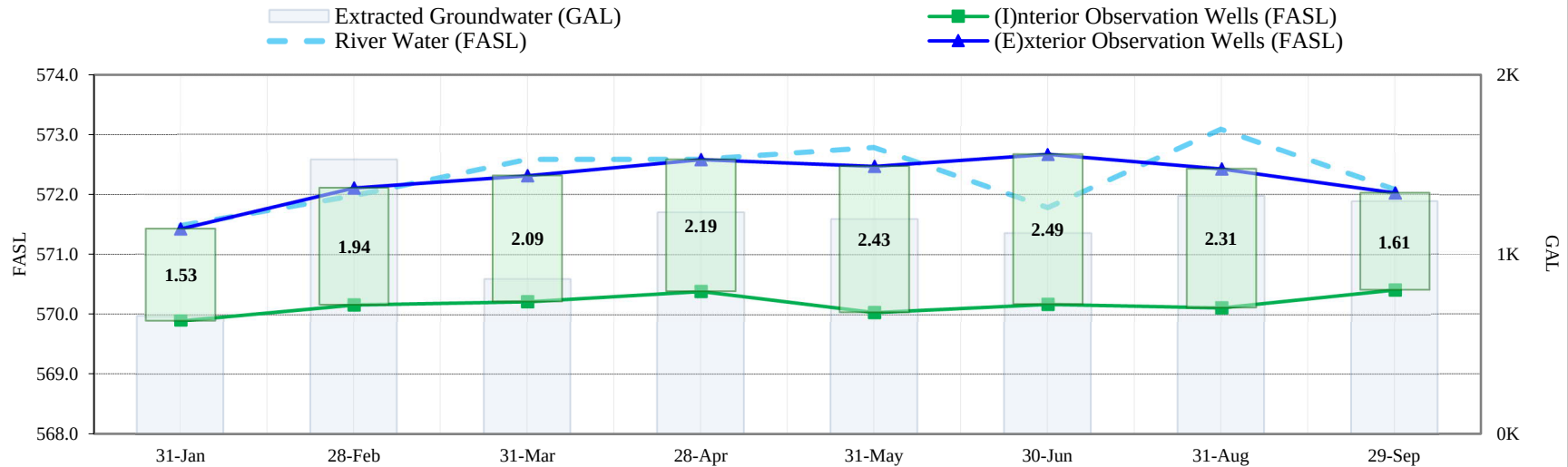


Buffalo Color, Area D - Buffalo River Water Elevations (FASL), Observation Well Groundwater Elevations (FASL), Elevation Differentials (FT) & Extraction Well Network Totals (GAL)

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

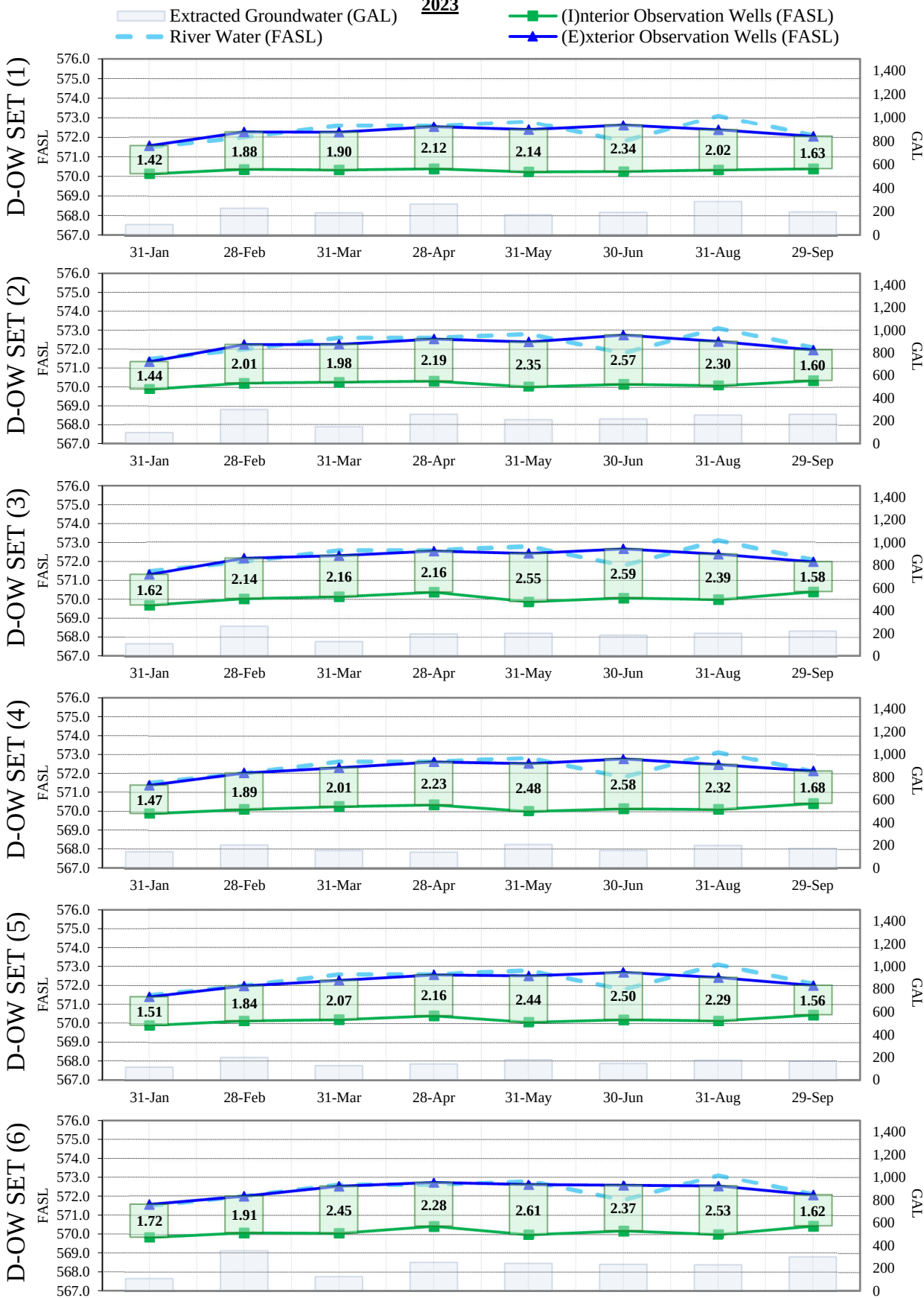
2023	RIVER	D-OW SET (1)			D-OW SET (2)			D-OW SET (3)			D-OW SET (4)			D-OW SET (5)			D-OW SET (6)			AVERAGES			D-EW				
Date	RSR	1I	1E	1ED	2I	2E	2ED	3I	3E	3ED	4I	4E	4ED	5I	5E	5ED	6I	6E	6ED	I	E	ED	1	2	3	4	TOTAL
31-Jan	571.48	570.15	571.56	1.42	569.91	571.35	1.44	569.70	571.32	1.62	569.89	571.37	1.47	569.90	571.41	1.51	569.85	571.57	1.72	569.90	571.43	1.53	270	120	130	135	655
28-Feb	571.98	570.38	572.25	1.88	570.23	572.24	2.01	570.04	572.18	2.14	570.11	572.01	1.89	570.14	571.98	1.84	570.09	572.00	1.91	570.16	572.11	1.94	270	110	863	283	1,526
31-Mar	572.58	570.35	572.24	1.90	570.28	572.26	1.98	570.15	572.31	2.16	570.26	572.28	2.01	570.21	572.28	2.07	570.06	572.51	2.45	570.22	572.31	2.09	270	100	111	383	864
28-Apr	572.58	570.41	572.52	2.12	570.34	572.53	2.19	570.39	572.55	2.16	570.35	572.59	2.23	570.41	572.57	2.16	570.43	572.71	2.28	570.39	572.58	2.19	160	60	536	477	1,233
31-May	572.78	570.25	572.38	2.14	570.03	572.38	2.35	569.88	572.43	2.55	570.01	572.50	2.48	570.07	572.51	2.44	569.99	572.60	2.61	570.04	572.46	2.43	340	130	491	235	1,196
30-Jun	571.78	570.27	572.60	2.34	570.17	572.74	2.57	570.08	572.67	2.59	570.15	572.74	2.58	570.20	572.70	2.50	570.19	572.56	2.37	570.18	572.67	2.49	220	87	510	301	1,118
31-Aug	573.08	570.35	572.36	2.02	570.10	572.40	2.30	570.00	572.39	2.39	570.11	572.44	2.32	570.14	572.43	2.29	570.00	572.53	2.53	570.12	572.42	2.31	300	104	374	546	1,324
29-Sep	572.08	570.41	572.03	1.63	570.36	571.96	1.60	570.41	571.99	1.58	570.42	572.11	1.68	570.45	572.01	1.56	570.44	572.06	1.62	570.41	572.02	1.61	230	79	731	255	1,295
Avg Sum	572.29	570.32	572.25	1.93	570.18	572.23	2.05	570.08	572.23	2.15	570.17	572.25	2.09	570.19	572.23	2.04	570.13	572.31	2.18	570.18	572.25	2.07	2,060	790	3,746	2,615	9,211

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



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

2023



ATTACHMENT D - GROUNDWATER DATA



ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210
Generated 10/11/2023 4:33:01 PM

JOB DESCRIPTION

Buffalo Color Area D Annual Influent
Buffalo Color Area D Annual Influent

JOB NUMBER

480-213174-1

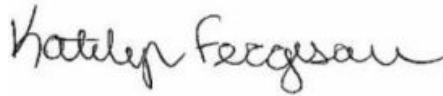
Eurofins Buffalo

Job Notes

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

Authorization



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Authorized for release by
Katelyn Ferguson, Project Manager I
katelyn.ferguson@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

General Chemistry

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

Glossary

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

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Job ID: 480-213174-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-213174-1

Receipt

The samples were received on 9/28/2023 1:30 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 3.6° C.

GC/MS VOA

Method 624.1: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area D Influent (480-213174-1). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method 625.1: The following sample was diluted due to color, appearance, and viscosity: BCC Area D Influent (480-213174-1). Elevated reporting limits (RL) are provided.

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

GC Semi VOA

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

Metals

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

General Chemistry

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

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-685962.

Method 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-685818.

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-213174-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2100		200	19	ug/L	40		624.1	Total/NA
1,2-Dichlorobenzene	1.9	J	48	1.2	ug/L	5		625.1	Total/NA
1,4-Dichlorobenzene	7.6	J	48	0.99	ug/L	5		625.1	Total/NA
2-Chlorophenol	5.4	J	24	0.79	ug/L	5		625.1	Total/NA
Aniline	2.5	J	48	1.8	ug/L	5		625.1	Total/NA
Naphthalene	3.1	J	24	1.0	ug/L	5		625.1	Total/NA
Chromium	0.0045		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0074	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0046	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0099	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0055	J	0.010	0.0035	mg/L	1		420.4	Total/NA
Total Phosphate as P	0.55		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-213174-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.6	J	5.0	0.48	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-213174-1

Date Collected: 09/28/23 10:30

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	15	ug/L			09/29/23 17:28	40
1,1,2,2-Tetrachloroethane	ND		200	10	ug/L			09/29/23 17:28	40
1,1,2-Trichloroethane	ND		200	19	ug/L			09/29/23 17:28	40
1,1-Dichloroethane	ND		200	24	ug/L			09/29/23 17:28	40
1,1-Dichloroethene	ND		200	34	ug/L			09/29/23 17:28	40
1,2-Dichlorobenzene	ND		200	18	ug/L			09/29/23 17:28	40
1,2-Dichloroethane	ND		200	24	ug/L			09/29/23 17:28	40
1,2-Dichloroethene, Total	ND		400	130	ug/L			09/29/23 17:28	40
1,2-Dichloropropane	ND		200	24	ug/L			09/29/23 17:28	40
1,3-Dichlorobenzene	ND		200	22	ug/L			09/29/23 17:28	40
1,4-Dichlorobenzene	ND		200	20	ug/L			09/29/23 17:28	40
2-Chloroethyl vinyl ether	ND		1000	74	ug/L			09/29/23 17:28	40
Acrolein	ND		4000	700	ug/L			09/29/23 17:28	40
Acrylonitrile	ND		4000	76	ug/L			09/29/23 17:28	40
Benzene	ND		200	24	ug/L			09/29/23 17:28	40
Bromoform	ND		200	19	ug/L			09/29/23 17:28	40
Bromomethane	ND		200	48	ug/L			09/29/23 17:28	40
Carbon tetrachloride	ND		200	20	ug/L			09/29/23 17:28	40
Chlorobenzene	2100		200	19	ug/L			09/29/23 17:28	40
Dibromochloromethane	ND		200	17	ug/L			09/29/23 17:28	40
Chloroethane	ND		200	35	ug/L			09/29/23 17:28	40
Chloroform	ND		200	22	ug/L			09/29/23 17:28	40
Chloromethane	ND		200	25	ug/L			09/29/23 17:28	40
cis-1,3-Dichloropropene	ND		200	13	ug/L			09/29/23 17:28	40
Bromodichloromethane	ND		200	21	ug/L			09/29/23 17:28	40
Ethylbenzene	ND		200	19	ug/L			09/29/23 17:28	40
Methylene Chloride	ND		200	33	ug/L			09/29/23 17:28	40
Tetrachloroethene	ND		200	14	ug/L			09/29/23 17:28	40
Toluene	ND		200	18	ug/L			09/29/23 17:28	40
trans-1,3-Dichloropropene	ND		200	18	ug/L			09/29/23 17:28	40
Trichloroethene	ND		200	24	ug/L			09/29/23 17:28	40
Trichlorofluoromethane	ND		200	18	ug/L			09/29/23 17:28	40
Vinyl chloride	ND		200	30	ug/L			09/29/23 17:28	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		68 - 130		09/29/23 17:28	40
4-Bromofluorobenzene (Surr)	96		76 - 123		09/29/23 17:28	40
Toluene-d8 (Surr)	83		77 - 120		09/29/23 17:28	40
Dibromofluoromethane (Surr)	96		75 - 123		09/29/23 17:28	40

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		48	0.99	ug/L		10/02/23 14:20	10/03/23 17:07	5
1,2-Dichlorobenzene	1.9	J	48	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
1,2-Diphenylhydrazine	ND		48	0.94	ug/L		10/02/23 14:20	10/03/23 17:07	5
1,3-Dichlorobenzene	ND		48	0.83	ug/L		10/02/23 14:20	10/03/23 17:07	5
1,4-Dichlorobenzene	7.6	J	48	0.99	ug/L		10/02/23 14:20	10/03/23 17:07	5
2,2'-oxybis[1-chloropropane]	ND		24	1.0	ug/L		10/02/23 14:20	10/03/23 17:07	5
2,4,6-Trichlorophenol	ND		24	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
2,4-Dichlorophenol	ND		24	0.93	ug/L		10/02/23 14:20	10/03/23 17:07	5

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-213174-1

Date Collected: 09/28/23 10:30

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		24	1.7	ug/L		10/02/23 14:20	10/03/23 17:07	5
2,4-Dinitrophenol	ND		48	6.0	ug/L		10/02/23 14:20	10/03/23 17:07	5
2,4-Dinitrotoluene	ND		24	1.9	ug/L		10/02/23 14:20	10/03/23 17:07	5
2,6-Dinitrotoluene	ND		24	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
2-Chloronaphthalene	ND		24	1.1	ug/L		10/02/23 14:20	10/03/23 17:07	5
2-Chlorophenol	5.4	J	24	0.79	ug/L		10/02/23 14:20	10/03/23 17:07	5
2-Nitrophenol	ND		24	0.84	ug/L		10/02/23 14:20	10/03/23 17:07	5
3,3'-Dichlorobenzidine	ND		24	1.9	ug/L		10/02/23 14:20	10/03/23 17:07	5
4,6-Dinitro-2-methylphenol	ND		48	2.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
4-Bromophenyl phenyl ether	ND		24	1.7	ug/L		10/02/23 14:20	10/03/23 17:07	5
4-Chloro-3-methylphenol	ND		24	1.3	ug/L		10/02/23 14:20	10/03/23 17:07	5
4-Chlorophenyl phenyl ether	ND		24	1.6	ug/L		10/02/23 14:20	10/03/23 17:07	5
4-Nitrophenol	ND		48	2.3	ug/L		10/02/23 14:20	10/03/23 17:07	5
Acenaphthene	ND		24	0.97	ug/L		10/02/23 14:20	10/03/23 17:07	5
Acenaphthylene	ND		24	1.0	ug/L		10/02/23 14:20	10/03/23 17:07	5
Aniline	2.5	J	48	1.8	ug/L		10/02/23 14:20	10/03/23 17:07	5
Anthracene	ND		24	1.7	ug/L		10/02/23 14:20	10/03/23 17:07	5
Benzidine	ND		380	65	ug/L		10/02/23 14:20	10/03/23 17:07	5
Benzo[a]anthracene	ND		24	1.3	ug/L		10/02/23 14:20	10/03/23 17:07	5
Benzo[a]pyrene	ND		24	1.6	ug/L		10/02/23 14:20	10/03/23 17:07	5
Benzo[b]fluoranthene	ND		24	1.4	ug/L		10/02/23 14:20	10/03/23 17:07	5
Benzo[g,h,i]perylene	ND		24	1.8	ug/L		10/02/23 14:20	10/03/23 17:07	5
Benzo[k]fluoranthene	ND		24	1.6	ug/L		10/02/23 14:20	10/03/23 17:07	5
Bis(2-chloroethoxy)methane	ND		24	0.90	ug/L		10/02/23 14:20	10/03/23 17:07	5
Bis(2-chloroethyl)ether	ND		24	1.1	ug/L		10/02/23 14:20	10/03/23 17:07	5
Bis(2-ethylhexyl) phthalate	ND		48	1.4	ug/L		10/02/23 14:20	10/03/23 17:07	5
Butyl benzyl phthalate	ND		24	1.3	ug/L		10/02/23 14:20	10/03/23 17:07	5
Chrysene	ND		24	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
Decane	ND		48	1.9	ug/L		10/02/23 14:20	10/03/23 17:07	5
Di-n-butyl phthalate	ND		24	1.9	ug/L		10/02/23 14:20	10/03/23 17:07	5
Di-n-octyl phthalate	ND		24	1.4	ug/L		10/02/23 14:20	10/03/23 17:07	5
Dibenz(a,h)anthracene	ND		24	1.8	ug/L		10/02/23 14:20	10/03/23 17:07	5
Diethyl phthalate	ND		24	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
Dimethyl phthalate	ND		24	1.1	ug/L		10/02/23 14:20	10/03/23 17:07	5
Fluoranthene	ND		24	1.9	ug/L		10/02/23 14:20	10/03/23 17:07	5
Fluorene	ND		24	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
Hexachlorobenzene	ND		24	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
Hexachlorobutadiene	ND		24	1.2	ug/L		10/02/23 14:20	10/03/23 17:07	5
Hexachlorocyclopentadiene	ND		24	2.5	ug/L		10/02/23 14:20	10/03/23 17:07	5
Hexachloroethane	ND		24	0.72	ug/L		10/02/23 14:20	10/03/23 17:07	5
Indeno[1,2,3-cd]pyrene	ND		24	1.8	ug/L		10/02/23 14:20	10/03/23 17:07	5
Isophorone	ND		24	0.89	ug/L		10/02/23 14:20	10/03/23 17:07	5
N-Nitrosodi-n-propylamine	ND		24	1.1	ug/L		10/02/23 14:20	10/03/23 17:07	5
N-Nitrosodimethylamine	ND		48	0.69	ug/L		10/02/23 14:20	10/03/23 17:07	5
N-Nitrosodiphenylamine	ND		24	0.99	ug/L		10/02/23 14:20	10/03/23 17:07	5
Naphthalene	3.1	J	24	1.0	ug/L		10/02/23 14:20	10/03/23 17:07	5
Nitrobenzene	ND		24	0.97	ug/L		10/02/23 14:20	10/03/23 17:07	5
Pentachlorophenol	ND		48	3.8	ug/L		10/02/23 14:20	10/03/23 17:07	5
Phenanthrene	ND		24	1.4	ug/L		10/02/23 14:20	10/03/23 17:07	5

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-213174-1

Date Collected: 09/28/23 10:30

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		24	0.42	ug/L		10/02/23 14:20	10/03/23 17:07	5
Pyrene	ND		24	1.7	ug/L		10/02/23 14:20	10/03/23 17:07	5
n-Octadecane	ND		48	1.4	ug/L		10/02/23 14:20	10/03/23 17:07	5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 151				10/02/23 14:20	10/03/23 17:07	5
2-Fluorobiphenyl	82		44 - 120				10/02/23 14:20	10/03/23 17:07	5
2-Fluorophenol	45		17 - 120				10/02/23 14:20	10/03/23 17:07	5
Nitrobenzene-d5	75		15 - 314				10/02/23 14:20	10/03/23 17:07	5
p-Terphenyl-d14	64		22 - 125				10/02/23 14:20	10/03/23 17:07	5
Phenol-d5	31		8 - 424				10/02/23 14:20	10/03/23 17:07	5

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.057	0.036	ug/L		10/03/23 14:28	10/04/23 11:12	1
PCB-1221	ND		0.057	0.036	ug/L		10/03/23 14:28	10/04/23 11:12	1
PCB-1232	ND		0.057	0.036	ug/L		10/03/23 14:28	10/04/23 11:12	1
PCB-1242	ND		0.057	0.036	ug/L		10/03/23 14:28	10/04/23 11:12	1
PCB-1248	ND		0.057	0.036	ug/L		10/03/23 14:28	10/04/23 11:12	1
PCB-1254	ND		0.057	0.030	ug/L		10/03/23 14:28	10/04/23 11:12	1
PCB-1260	ND		0.057	0.030	ug/L		10/03/23 14:28	10/04/23 11:12	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		36 - 121				10/03/23 14:28	10/04/23 11:12	1
Tetrachloro-m-xylene	81		42 - 135				10/03/23 14:28	10/04/23 11:12	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0045		0.0040	0.0010	mg/L		10/02/23 08:27	10/08/23 20:02	1
Copper	ND		0.010	0.0016	mg/L		10/02/23 08:27	10/08/23 20:02	1
Lead	0.0074	J	0.010	0.0030	mg/L		10/02/23 08:27	10/08/23 20:02	1
Nickel	0.0046	J	0.010	0.0013	mg/L		10/02/23 08:27	10/08/23 20:02	1
Zinc	0.0099	J	0.010	0.0015	mg/L		10/02/23 08:27	10/08/23 20:02	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/29/23 10:05	09/29/23 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.0055	J	0.010	0.0035	mg/L			10/04/23 11:28	1
Cyanide, Amenable (SM 4500 CN G)	ND		0.010	0.0050	mg/L			10/03/23 07:40	1
Total Phosphate as P (SM 4500 P E)	0.55		0.010	0.0050	mg/L as P			09/29/23 08:30	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-213174-2

Date Collected: 09/28/23 00:00

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/29/23 18:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/29/23 18:41	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/29/23 18:41	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/29/23 18:41	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/29/23 18:41	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/29/23 18:41	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/29/23 18:41	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/29/23 18:41	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/29/23 18:41	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/29/23 18:41	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/29/23 18:41	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/29/23 18:41	1
Acrolein	ND		100	17	ug/L			09/29/23 18:41	1
Acrylonitrile	ND		100	1.9	ug/L			09/29/23 18:41	1
Benzene	ND		5.0	0.60	ug/L			09/29/23 18:41	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/29/23 18:41	1
Bromoform	ND		5.0	0.47	ug/L			09/29/23 18:41	1
Bromomethane	ND		5.0	1.2	ug/L			09/29/23 18:41	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/29/23 18:41	1
Chlorobenzene	1.6 J		5.0	0.48	ug/L			09/29/23 18:41	1
Chloroethane	ND		5.0	0.87	ug/L			09/29/23 18:41	1
Chloroform	ND		5.0	0.54	ug/L			09/29/23 18:41	1
Chloromethane	ND		5.0	0.64	ug/L			09/29/23 18:41	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/29/23 18:41	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/29/23 18:41	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/29/23 18:41	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/29/23 18:41	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/29/23 18:41	1
Toluene	ND		5.0	0.45	ug/L			09/29/23 18:41	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/29/23 18:41	1
Trichloroethene	ND		5.0	0.60	ug/L			09/29/23 18:41	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/29/23 18:41	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/29/23 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		68 - 130		09/29/23 18:41	1
4-Bromofluorobenzene (Surr)	98		76 - 123		09/29/23 18:41	1
Dibromofluoromethane (Surr)	102		75 - 123		09/29/23 18:41	1
Toluene-d8 (Surr)	85		77 - 120		09/29/23 18:41	1

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-130)	BFB (76-123)	TOL (77-120)	DBFM (75-123)
480-213174-1	BCC Area D Influent	90	96	83	96
480-213174-2	TRIP BLANK	95	98	85	102
LCS 480-685587/6	Lab Control Sample	90	99	84	99
MB 480-685587/8	Method Blank	89	96	85	94

Surrogate Legend

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

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	TPHd14 (22-125)	PHL (8-424)
480-213174-1	BCC Area D Influent	93	82	45	75	64	31
LCS 480-685818/2-A	Lab Control Sample	114	98	53	89	104	39
LCSD 480-685818/3-A	Lab Control Sample Dup	116	99	57	91	107	41
MB 480-685818/1-A	Method Blank	66	102	57	94	116	40

Surrogate Legend

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

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (36-121)	TCX1 (42-135)
480-213174-1	BCC Area D Influent	71	81
LCS 480-685962/2-A	Lab Control Sample	45	90
LCSD 480-685962/3-A	Lab Control Sample Dup	46	87
MB 480-685962/1-A	Method Blank	46	90

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-685587/8

Matrix: Water

Analysis Batch: 685587

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/29/23 16:07	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/29/23 16:07	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/29/23 16:07	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/29/23 16:07	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/29/23 16:07	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/29/23 16:07	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/29/23 16:07	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/29/23 16:07	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/29/23 16:07	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/29/23 16:07	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/29/23 16:07	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/29/23 16:07	1
Acrolein	ND		100	17	ug/L			09/29/23 16:07	1
Acrylonitrile	ND		100	1.9	ug/L			09/29/23 16:07	1
Benzene	ND		5.0	0.60	ug/L			09/29/23 16:07	1
Bromoform	ND		5.0	0.47	ug/L			09/29/23 16:07	1
Bromomethane	ND		5.0	1.2	ug/L			09/29/23 16:07	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/29/23 16:07	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/29/23 16:07	1
Chloroethane	ND		5.0	0.87	ug/L			09/29/23 16:07	1
Chloroform	ND		5.0	0.54	ug/L			09/29/23 16:07	1
Chloromethane	ND		5.0	0.64	ug/L			09/29/23 16:07	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/29/23 16:07	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/29/23 16:07	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/29/23 16:07	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/29/23 16:07	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/29/23 16:07	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/29/23 16:07	1
Toluene	ND		5.0	0.45	ug/L			09/29/23 16:07	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/29/23 16:07	1
Trichloroethene	ND		5.0	0.60	ug/L			09/29/23 16:07	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/29/23 16:07	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/29/23 16:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		68 - 130		09/29/23 16:07	1
4-Bromofluorobenzene (Surr)	96		76 - 123		09/29/23 16:07	1
Toluene-d8 (Surr)	85		77 - 120		09/29/23 16:07	1
Dibromofluoromethane (Surr)	94		75 - 123		09/29/23 16:07	1

Lab Sample ID: LCS 480-685587/6

Matrix: Water

Analysis Batch: 685587

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.5		ug/L		102	52 - 162
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	46 - 157
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	52 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-685587/6

Matrix: Water

Analysis Batch: 685587

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	19.1		ug/L		95	59 - 155
1,1-Dichloroethene	20.0	19.6		ug/L		98	1 - 234
1,2-Dichlorobenzene	20.0	22.0		ug/L		110	18 - 190
1,2-Dichloroethane	20.0	21.2		ug/L		106	49 - 155
1,2-Dichloropropane	20.0	19.5		ug/L		97	1 - 210
1,3-Dichlorobenzene	20.0	22.0		ug/L		110	59 - 156
1,4-Dichlorobenzene	20.0	21.8		ug/L		109	18 - 190
2-Chloroethyl vinyl ether	20.0	18.7	J	ug/L		93	1 - 305
Acrolein	100	77.7	J	ug/L		78	10 - 176
Acrylonitrile	200	209		ug/L		105	54 - 147
Benzene	20.0	20.3		ug/L		102	37 - 151
Bromoform	20.0	19.8		ug/L		99	45 - 169
Bromomethane	20.0	20.9		ug/L		105	1 - 242
Carbon tetrachloride	20.0	20.0		ug/L		100	70 - 140
Chlorobenzene	20.0	21.5		ug/L		107	37 - 160
Chloroethane	20.0	21.1		ug/L		106	14 - 230
Chloroform	20.0	20.8		ug/L		104	51 - 138
Chloromethane	20.0	18.4		ug/L		92	1 - 273
cis-1,3-Dichloropropene	20.0	19.1		ug/L		96	1 - 227
Bromodichloromethane	20.0	21.0		ug/L		105	35 - 155
Dibromochloromethane	20.0	21.2		ug/L		106	53 - 149
Ethylbenzene	20.0	21.6		ug/L		108	37 - 162
Methylene Chloride	20.0	19.4		ug/L		97	1 - 221
Tetrachloroethene	20.0	21.8		ug/L		109	64 - 148
Toluene	20.0	20.8		ug/L		104	47 - 150
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	17 - 183
Trichloroethene	20.0	21.0		ug/L		105	71 - 157
Trichlorofluoromethane	20.0	24.4		ug/L		122	17 - 181
Vinyl chloride	20.0	19.8		ug/L		99	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Toluene-d8 (Surr)	84		77 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-685818/1-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.21	ug/L		10/02/23 14:20	10/03/23 15:52	1
1,2-Dichlorobenzene	ND		10	0.26	ug/L		10/02/23 14:20	10/03/23 15:52	1
1,2-Diphenylhydrazine	ND		10	0.20	ug/L		10/02/23 14:20	10/03/23 15:52	1
1,3-Dichlorobenzene	ND		10	0.17	ug/L		10/02/23 14:20	10/03/23 15:52	1
1,4-Dichlorobenzene	ND		10	0.21	ug/L		10/02/23 14:20	10/03/23 15:52	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.21	ug/L		10/02/23 14:20	10/03/23 15:52	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-685818/1-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.25	ug/L		10/02/23 14:20	10/03/23 15:52	1
2,4-Dichlorophenol	ND		5.0	0.19	ug/L		10/02/23 14:20	10/03/23 15:52	1
2,4-Dimethylphenol	ND		5.0	0.35	ug/L		10/02/23 14:20	10/03/23 15:52	1
2,4-Dinitrophenol	ND		10	1.3	ug/L		10/02/23 14:20	10/03/23 15:52	1
2,4-Dinitrotoluene	ND		5.0	0.40	ug/L		10/02/23 14:20	10/03/23 15:52	1
2,6-Dinitrotoluene	ND		5.0	0.25	ug/L		10/02/23 14:20	10/03/23 15:52	1
2-Chloronaphthalene	ND		5.0	0.23	ug/L		10/02/23 14:20	10/03/23 15:52	1
2-Chlorophenol	ND		5.0	0.17	ug/L		10/02/23 14:20	10/03/23 15:52	1
2-Nitrophenol	ND		5.0	0.18	ug/L		10/02/23 14:20	10/03/23 15:52	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/02/23 14:20	10/03/23 15:52	1
4,6-Dinitro-2-methylphenol	ND		10	0.45	ug/L		10/02/23 14:20	10/03/23 15:52	1
4-Bromophenyl phenyl ether	ND		5.0	0.35	ug/L		10/02/23 14:20	10/03/23 15:52	1
4-Chloro-3-methylphenol	ND		5.0	0.28	ug/L		10/02/23 14:20	10/03/23 15:52	1
4-Chlorophenyl phenyl ether	ND		5.0	0.33	ug/L		10/02/23 14:20	10/03/23 15:52	1
4-Nitrophenol	ND		10	0.49	ug/L		10/02/23 14:20	10/03/23 15:52	1
Acenaphthene	ND		5.0	0.20	ug/L		10/02/23 14:20	10/03/23 15:52	1
Acenaphthylene	ND		5.0	0.22	ug/L		10/02/23 14:20	10/03/23 15:52	1
Aniline	ND		10	0.38	ug/L		10/02/23 14:20	10/03/23 15:52	1
Anthracene	ND		5.0	0.35	ug/L		10/02/23 14:20	10/03/23 15:52	1
Benzidine	ND		80	14	ug/L		10/02/23 14:20	10/03/23 15:52	1
Benzo[a]anthracene	ND		5.0	0.28	ug/L		10/02/23 14:20	10/03/23 15:52	1
Benzo[a]pyrene	ND		5.0	0.33	ug/L		10/02/23 14:20	10/03/23 15:52	1
Benzo[b]fluoranthene	ND		5.0	0.30	ug/L		10/02/23 14:20	10/03/23 15:52	1
Benzo[g,h,i]perylene	ND		5.0	0.38	ug/L		10/02/23 14:20	10/03/23 15:52	1
Benzo[k]fluoranthene	ND		5.0	0.33	ug/L		10/02/23 14:20	10/03/23 15:52	1
Bis(2-chloroethoxy)methane	ND		5.0	0.19	ug/L		10/02/23 14:20	10/03/23 15:52	1
Bis(2-chloroethyl)ether	ND		5.0	0.23	ug/L		10/02/23 14:20	10/03/23 15:52	1
Bis(2-ethylhexyl) phthalate	ND		10	0.30	ug/L		10/02/23 14:20	10/03/23 15:52	1
Butyl benzyl phthalate	ND		5.0	0.28	ug/L		10/02/23 14:20	10/03/23 15:52	1
Chrysene	ND		5.0	0.25	ug/L		10/02/23 14:20	10/03/23 15:52	1
Decane	ND		10	0.40	ug/L		10/02/23 14:20	10/03/23 15:52	1
Di-n-butyl phthalate	ND		5.0	0.40	ug/L		10/02/23 14:20	10/03/23 15:52	1
Di-n-octyl phthalate	ND		5.0	0.30	ug/L		10/02/23 14:20	10/03/23 15:52	1
Dibenz(a,h)anthracene	ND		5.0	0.38	ug/L		10/02/23 14:20	10/03/23 15:52	1
Diethyl phthalate	ND		5.0	0.25	ug/L		10/02/23 14:20	10/03/23 15:52	1
Dimethyl phthalate	ND		5.0	0.23	ug/L		10/02/23 14:20	10/03/23 15:52	1
Fluoranthene	ND		5.0	0.40	ug/L		10/02/23 14:20	10/03/23 15:52	1
Fluorene	ND		5.0	0.25	ug/L		10/02/23 14:20	10/03/23 15:52	1
Hexachlorobenzene	ND		5.0	0.25	ug/L		10/02/23 14:20	10/03/23 15:52	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L		10/02/23 14:20	10/03/23 15:52	1
Hexachlorocyclopentadiene	ND		5.0	0.53	ug/L		10/02/23 14:20	10/03/23 15:52	1
Hexachloroethane	ND		5.0	0.15	ug/L		10/02/23 14:20	10/03/23 15:52	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.38	ug/L		10/02/23 14:20	10/03/23 15:52	1
Isophorone	ND		5.0	0.19	ug/L		10/02/23 14:20	10/03/23 15:52	1
N-Nitrosodi-n-propylamine	ND		5.0	0.22	ug/L		10/02/23 14:20	10/03/23 15:52	1
N-Nitrosodimethylamine	ND		10	0.14	ug/L		10/02/23 14:20	10/03/23 15:52	1
N-Nitrosodiphenylamine	ND		5.0	0.21	ug/L		10/02/23 14:20	10/03/23 15:52	1
Naphthalene	ND		5.0	0.22	ug/L		10/02/23 14:20	10/03/23 15:52	1
Nitrobenzene	ND		5.0	0.20	ug/L		10/02/23 14:20	10/03/23 15:52	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-685818/1-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10	0.79	ug/L		10/02/23 14:20	10/03/23 15:52	1
Phenanthrene	ND		5.0	0.30	ug/L		10/02/23 14:20	10/03/23 15:52	1
Phenol	ND		5.0	0.088	ug/L		10/02/23 14:20	10/03/23 15:52	1
Pyrene	ND		5.0	0.35	ug/L		10/02/23 14:20	10/03/23 15:52	1
n-Octadecane	ND		10	0.30	ug/L		10/02/23 14:20	10/03/23 15:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		52 - 151	10/02/23 14:20	10/03/23 15:52	1
2-Fluorobiphenyl	102		44 - 120	10/02/23 14:20	10/03/23 15:52	1
2-Fluorophenol	57		17 - 120	10/02/23 14:20	10/03/23 15:52	1
Nitrobenzene-d5	94		15 - 314	10/02/23 14:20	10/03/23 15:52	1
p-Terphenyl-d14	116		22 - 125	10/02/23 14:20	10/03/23 15:52	1
Phenol-d5	40		8 - 424	10/02/23 14:20	10/03/23 15:52	1

Lab Sample ID: LCS 480-685818/2-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	50.0	37.3		ug/L		75	44 - 142
1,2-Dichlorobenzene	50.0	33.5		ug/L		67	32 - 129
1,3-Dichlorobenzene	50.0	30.7		ug/L		61	1 - 172
1,4-Dichlorobenzene	50.0	31.8		ug/L		64	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	36.8		ug/L		74	36 - 166
2,4,6-Trichlorophenol	50.0	50.7		ug/L		101	37 - 144
2,4-Dichlorophenol	50.0	49.0		ug/L		98	39 - 135
2,4-Dimethylphenol	50.0	43.1		ug/L		86	32 - 120
2,4-Dinitrophenol	100	121		ug/L		121	1 - 191
2,4-Dinitrotoluene	50.0	52.4		ug/L		105	39 - 139
2,6-Dinitrotoluene	50.0	49.7		ug/L		99	50 - 158
2-Chloronaphthalene	50.0	44.6		ug/L		89	60 - 120
2-Chlorophenol	50.0	41.3		ug/L		83	23 - 134
2-Nitrophenol	50.0	43.8		ug/L		88	29 - 182
3,3'-Dichlorobenzidine	100	95.1		ug/L		95	1 - 262
4,6-Dinitro-2-methylphenol	100	112		ug/L		112	1 - 181
4-Bromophenyl phenyl ether	50.0	50.5		ug/L		101	53 - 127
4-Chloro-3-methylphenol	50.0	48.9		ug/L		98	22 - 147
4-Chlorophenyl phenyl ether	50.0	49.5		ug/L		99	25 - 158
4-Nitrophenol	100	52.1		ug/L		52	1 - 132
Acenaphthene	50.0	47.7		ug/L		95	47 - 145
Acenaphthylene	50.0	47.4		ug/L		95	33 - 145
Aniline	50.0	37.0		ug/L		74	40 - 120
Anthracene	50.0	50.0		ug/L		100	27 - 133
Benzo[a]anthracene	50.0	51.8		ug/L		104	33 - 143
Benzo[a]pyrene	50.0	53.9		ug/L		108	17 - 163
Benzo[b]fluoranthene	50.0	49.0		ug/L		98	24 - 159
Benzo[g,h,i]perylene	50.0	51.5		ug/L		103	1 - 219
Benzo[k]fluoranthene	50.0	50.5		ug/L		101	11 - 162

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-685818/2-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	50.0	45.4		ug/L		91	33 - 184
Bis(2-chloroethyl)ether	50.0	42.0		ug/L		84	12 - 158
Bis(2-ethylhexyl) phthalate	50.0	50.4		ug/L		101	8 - 158
Butyl benzyl phthalate	50.0	50.1		ug/L		100	1 - 152
Chrysene	50.0	50.5		ug/L		101	17 - 168
Di-n-butyl phthalate	50.0	51.5		ug/L		103	1 - 120
Di-n-octyl phthalate	50.0	50.4		ug/L		101	4 - 146
Dibenz(a,h)anthracene	50.0	51.4		ug/L		103	1 - 227
Diethyl phthalate	50.0	52.2		ug/L		104	1 - 120
Dimethyl phthalate	50.0	51.2		ug/L		102	1 - 120
Fluoranthene	50.0	53.5		ug/L		107	26 - 137
Fluorene	50.0	49.0		ug/L		98	59 - 121
Hexachlorobenzene	50.0	51.9		ug/L		104	1 - 152
Hexachlorocyclopentadiene	50.0	33.9		ug/L		68	5 - 120
Hexachloroethane	50.0	28.4		ug/L		57	40 - 120
Indeno[1,2,3-cd]pyrene	50.0	54.9		ug/L		110	1 - 171
Isophorone	50.0	47.6		ug/L		95	21 - 196
N-Nitrosodi-n-propylamine	50.0	45.7		ug/L		91	1 - 230
N-Nitrosodiphenylamine	50.0	49.4		ug/L		99	54 - 125
Naphthalene	50.0	41.7		ug/L		83	21 - 133
Nitrobenzene	50.0	43.4		ug/L		87	35 - 180
Pentachlorophenol	100	112		ug/L		112	14 - 176
Phenanthrene	50.0	49.9		ug/L		100	54 - 120
Phenol	50.0	21.4		ug/L		43	5 - 120
Pyrene	50.0	50.9		ug/L		102	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	114		52 - 151
2-Fluorobiphenyl	98		44 - 120
2-Fluorophenol	53		17 - 120
Nitrobenzene-d5	89		15 - 314
p-Terphenyl-d14	104		22 - 125
Phenol-d5	39		8 - 424

Lab Sample ID: LCSD 480-685818/3-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685818

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	50.0	38.2		ug/L		76	44 - 142	2	34
1,2-Dichlorobenzene	50.0	34.2		ug/L		68	32 - 129	2	38
1,3-Dichlorobenzene	50.0	31.8		ug/L		64	1 - 172	4	37
1,4-Dichlorobenzene	50.0	33.0		ug/L		66	20 - 124	3	40
2,2'-oxybis[1-chloropropane]	50.0	37.7		ug/L		75	36 - 166	3	36
2,4,6-Trichlorophenol	50.0	52.1		ug/L		104	37 - 144	3	20
2,4-Dichlorophenol	50.0	49.3		ug/L		99	39 - 135	1	23
2,4-Dimethylphenol	50.0	44.0		ug/L		88	32 - 120	2	18
2,4-Dinitrophenol	100	126		ug/L		126	1 - 191	4	29

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-685818/3-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685818

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	50.0	54.2		ug/L		108	39 - 139	3	20
2,6-Dinitrotoluene	50.0	50.7		ug/L		101	50 - 158	2	17
2-Chloronaphthalene	50.0	45.0		ug/L		90	60 - 120	1	30
2-Chlorophenol	50.0	42.4		ug/L		85	23 - 134	3	26
2-Nitrophenol	50.0	45.4		ug/L		91	29 - 182	4	28
3,3'-Dichlorobenzidine	100	98.7		ug/L		99	1 - 262	4	31
4,6-Dinitro-2-methylphenol	100	117		ug/L		117	1 - 181	4	30
4-Bromophenyl phenyl ether	50.0	52.3		ug/L		105	53 - 127	4	16
4-Chloro-3-methylphenol	50.0	50.4		ug/L		101	22 - 147	3	16
4-Chlorophenyl phenyl ether	50.0	50.1		ug/L		100	25 - 158	1	15
4-Nitrophenol	100	54.9		ug/L		55	1 - 132	5	24
Acenaphthene	50.0	47.6		ug/L		95	47 - 145	0	25
Acenaphthylene	50.0	48.0		ug/L		96	33 - 145	1	22
Aniline	50.0	38.6		ug/L		77	40 - 120	4	30
Anthracene	50.0	50.8		ug/L		102	27 - 133	2	15
Benzo[a]anthracene	50.0	53.2		ug/L		106	33 - 143	3	15
Benzo[a]pyrene	50.0	55.8		ug/L		112	17 - 163	3	15
Benzo[b]fluoranthene	50.0	50.1		ug/L		100	24 - 159	2	17
Benzo[g,h,i]perylene	50.0	52.7		ug/L		105	1 - 219	2	19
Benzo[k]fluoranthene	50.0	52.1		ug/L		104	11 - 162	3	19
Bis(2-chloroethoxy)methane	50.0	46.2		ug/L		92	33 - 184	2	23
Bis(2-chloroethyl)ether	50.0	42.9		ug/L		86	12 - 158	2	33
Bis(2-ethylhexyl) phthalate	50.0	52.0		ug/L		104	8 - 158	3	15
Butyl benzyl phthalate	50.0	51.5		ug/L		103	1 - 152	3	15
Chrysene	50.0	51.8		ug/L		104	17 - 168	3	15
Di-n-butyl phthalate	50.0	53.2		ug/L		106	1 - 120	3	15
Di-n-octyl phthalate	50.0	52.2		ug/L		104	4 - 146	4	15
Dibenz(a,h)anthracene	50.0	52.1		ug/L		104	1 - 227	1	18
Diethyl phthalate	50.0	53.1		ug/L		106	1 - 120	2	15
Dimethyl phthalate	50.0	51.2		ug/L		102	1 - 120	0	15
Fluoranthene	50.0	54.7		ug/L		109	26 - 137	2	15
Fluorene	50.0	49.6		ug/L		99	59 - 121	1	18
Hexachlorobenzene	50.0	53.5		ug/L		107	1 - 152	3	15
Hexachlorocyclopentadiene	50.0	33.9		ug/L		68	5 - 120	0	50
Hexachloroethane	50.0	29.3		ug/L		59	40 - 120	3	43
Indeno[1,2,3-cd]pyrene	50.0	56.5		ug/L		113	1 - 171	3	17
Isophorone	50.0	49.1		ug/L		98	21 - 196	3	21
N-Nitrosodi-n-propylamine	50.0	45.3		ug/L		91	1 - 230	1	23
N-Nitrosodiphenylamine	50.0	50.2		ug/L		100	54 - 125	2	15
Naphthalene	50.0	43.0		ug/L		86	21 - 133	3	31
Nitrobenzene	50.0	44.7		ug/L		89	35 - 180	3	27
Pentachlorophenol	100	116		ug/L		116	14 - 176	4	21
Phenanthrene	50.0	51.1		ug/L		102	54 - 120	2	16
Phenol	50.0	21.9		ug/L		44	5 - 120	2	36
Pyrene	50.0	51.3		ug/L		103	52 - 120	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	116		52 - 151

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-685818/3-A

Matrix: Water

Analysis Batch: 685930

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685818

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	99		44 - 120
2-Fluorophenol	57		17 - 120
Nitrobenzene-d5	91		15 - 314
p-Terphenyl-d14	107		22 - 125
Phenol-d5	41		8 - 424

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-685962/1-A

Matrix: Water

Analysis Batch: 686024

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		10/03/23 14:28	10/04/23 10:20	1
PCB-1221	ND		0.060	0.038	ug/L		10/03/23 14:28	10/04/23 10:20	1
PCB-1232	ND		0.060	0.038	ug/L		10/03/23 14:28	10/04/23 10:20	1
PCB-1242	ND		0.060	0.038	ug/L		10/03/23 14:28	10/04/23 10:20	1
PCB-1248	ND		0.060	0.038	ug/L		10/03/23 14:28	10/04/23 10:20	1
PCB-1254	ND		0.060	0.031	ug/L		10/03/23 14:28	10/04/23 10:20	1
PCB-1260	ND		0.060	0.031	ug/L		10/03/23 14:28	10/04/23 10:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		36 - 121	10/03/23 14:28	10/04/23 10:20	1
Tetrachloro-m-xylene	90		42 - 135	10/03/23 14:28	10/04/23 10:20	1

Lab Sample ID: LCS 480-685962/2-A

Matrix: Water

Analysis Batch: 686024

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	1.02		ug/L		102	69 - 123
PCB-1260	1.00	0.888		ug/L		89	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	45		36 - 121
Tetrachloro-m-xylene	90		42 - 135

Lab Sample ID: LCSD 480-685962/3-A

Matrix: Water

Analysis Batch: 686024

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685962

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	1.00	1.01		ug/L		101	69 - 123	1	30
PCB-1260	1.00	0.935		ug/L		94	69 - 120	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	46		36 - 121
Tetrachloro-m-xylene	87		42 - 135

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-685639/1-A

Matrix: Water

Analysis Batch: 686587

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		10/02/23 08:27	10/08/23 19:55	1
Copper	ND		0.010	0.0016	mg/L		10/02/23 08:27	10/08/23 19:55	1
Lead	ND		0.010	0.0030	mg/L		10/02/23 08:27	10/08/23 19:55	1
Nickel	ND		0.010	0.0013	mg/L		10/02/23 08:27	10/08/23 19:55	1
Zinc	ND		0.010	0.0015	mg/L		10/02/23 08:27	10/08/23 19:55	1

Lab Sample ID: LCS 480-685639/2-A

Matrix: Water

Analysis Batch: 686587

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.200	0.215		mg/L		108	85 - 115
Copper	0.201	0.201		mg/L		100	85 - 115
Lead	0.200	0.208		mg/L		104	85 - 115
Nickel	0.200	0.199		mg/L		99	85 - 115
Zinc	0.200	0.206		mg/L		103	85 - 115

Lab Sample ID: 480-213174-1 MS

Matrix: Water

Analysis Batch: 686587

Client Sample ID: BCC Area D Influent

Prep Type: Total/NA

Prep Batch: 685639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.0045		0.200	0.219		mg/L		107	70 - 130
Copper	ND		0.201	0.208		mg/L		104	70 - 130
Lead	0.0074	J	0.200	0.222		mg/L		107	70 - 130
Nickel	0.0046	J	0.200	0.215		mg/L		105	70 - 130
Zinc	0.0099	J	0.200	0.210		mg/L		100	70 - 130

Lab Sample ID: 480-213174-1 MSD

Matrix: Water

Analysis Batch: 686587

Client Sample ID: BCC Area D Influent

Prep Type: Total/NA

Prep Batch: 685639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	0.0045		0.200	0.212		mg/L		104	70 - 130	3	20
Copper	ND		0.201	0.198		mg/L		99	70 - 130	5	20
Lead	0.0074	J	0.200	0.215		mg/L		104	70 - 130	3	20
Nickel	0.0046	J	0.200	0.206		mg/L		101	70 - 130	4	20
Zinc	0.0099	J	0.200	0.201		mg/L		96	70 - 130	4	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-685479/1-A

Matrix: Water

Analysis Batch: 685662

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685479

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/29/23 10:05	09/29/23 13:54	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-685479/2-A
Matrix: Water
Analysis Batch: 685662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685479

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00609		mg/L		91	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-686088/16
Matrix: Water
Analysis Batch: 686088

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			10/04/23 08:14	1

Lab Sample ID: MB 480-686088/46
Matrix: Water
Analysis Batch: 686088

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			10/04/23 10:05	1

Lab Sample ID: LCS 480-686088/17
Matrix: Water
Analysis Batch: 686088

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0923		mg/L		92	90 - 110

Lab Sample ID: LCS 480-686088/47
Matrix: Water
Analysis Batch: 686088

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0982		mg/L		98	90 - 110

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-685535/27
Matrix: Water
Analysis Batch: 685535

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphate as P	ND		0.010	0.0050	mg/L as P			09/29/23 08:30	1

Lab Sample ID: MB 480-685535/3
Matrix: Water
Analysis Batch: 685535

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphate as P	ND		0.010	0.0050	mg/L as P			09/29/23 08:30	1

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method: SM 4500 P E - Phosphorus (Continued)

Lab Sample ID: LCS 480-685535/28

Matrix: Water

Analysis Batch: 685535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Phosphate as P	0.200	0.179		mg/L as P		90	90 - 110

Lab Sample ID: LCS 480-685535/4

Matrix: Water

Analysis Batch: 685535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Phosphate as P	0.200	0.190		mg/L as P		95	90 - 110

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

GC/MS VOA

Analysis Batch: 685587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	624.1	
480-213174-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-685587/8	Method Blank	Total/NA	Water	624.1	
LCS 480-685587/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 685818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	625	
MB 480-685818/1-A	Method Blank	Total/NA	Water	625	
LCS 480-685818/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-685818/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 685930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	625.1	685818
MB 480-685818/1-A	Method Blank	Total/NA	Water	625.1	685818
LCS 480-685818/2-A	Lab Control Sample	Total/NA	Water	625.1	685818
LCSD 480-685818/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	685818

GC Semi VOA

Prep Batch: 685962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	3510C	
MB 480-685962/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-685962/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-685962/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 686024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	608.3	685962
MB 480-685962/1-A	Method Blank	Total/NA	Water	608.3	685962
LCS 480-685962/2-A	Lab Control Sample	Total/NA	Water	608.3	685962
LCSD 480-685962/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	685962

Metals

Prep Batch: 685479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	245.1	
MB 480-685479/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-685479/2-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 685639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	200.7	
MB 480-685639/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-685639/2-A	Lab Control Sample	Total/NA	Water	200.7	
480-213174-1 MS	BCC Area D Influent	Total/NA	Water	200.7	
480-213174-1 MSD	BCC Area D Influent	Total/NA	Water	200.7	

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Metals

Analysis Batch: 685662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	245.1	685479
MB 480-685479/1-A	Method Blank	Total/NA	Water	245.1	685479
LCS 480-685479/2-A	Lab Control Sample	Total/NA	Water	245.1	685479

Analysis Batch: 686587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	200.7 Rev 4.4	685639
MB 480-685639/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	685639
LCS 480-685639/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	685639
480-213174-1 MS	BCC Area D Influent	Total/NA	Water	200.7 Rev 4.4	685639
480-213174-1 MSD	BCC Area D Influent	Total/NA	Water	200.7 Rev 4.4	685639

General Chemistry

Analysis Batch: 685535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	SM 4500 P E	
MB 480-685535/27	Method Blank	Total/NA	Water	SM 4500 P E	
MB 480-685535/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-685535/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	
LCS 480-685535/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 686081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 686088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213174-1	BCC Area D Influent	Total/NA	Water	420.4	
MB 480-686088/16	Method Blank	Total/NA	Water	420.4	
MB 480-686088/46	Method Blank	Total/NA	Water	420.4	
LCS 480-686088/17	Lab Control Sample	Total/NA	Water	420.4	
LCS 480-686088/47	Lab Control Sample	Total/NA	Water	420.4	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-213174-1

Date Collected: 09/28/23 10:30

Matrix: Water

Date Received: 09/28/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		40	685587	ATG	EET BUF	09/29/23 17:28
Total/NA	Prep	625			685818	LSC	EET BUF	10/02/23 14:20
Total/NA	Analysis	625.1		5	685930	JMM	EET BUF	10/03/23 17:07
Total/NA	Prep	3510C			685962	LSC	EET BUF	10/03/23 14:28
Total/NA	Analysis	608.3		1	686024	NC	EET BUF	10/04/23 11:12
Total/NA	Prep	200.7			685639	MP	EET BUF	10/02/23 08:27
Total/NA	Analysis	200.7 Rev 4.4		1	686587	LMH	EET BUF	10/08/23 20:02
Total/NA	Prep	245.1			685479	NVK	EET BUF	09/29/23 10:05
Total/NA	Analysis	245.1		1	685662	NVK	EET BUF	09/29/23 14:31
Total/NA	Analysis	420.4		1	686088	CLT	EET BUF	10/04/23 11:28
Total/NA	Analysis	SM 4500 CN G		1	686081	DLG	EET BUF	10/03/23 07:40
Total/NA	Analysis	SM 4500 P E		1	685535	CLT	EET BUF	09/29/23 08:30

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-213174-2

Date Collected: 09/28/23 00:00

Matrix: Water

Date Received: 09/28/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	685587	ATG	EET BUF	09/29/23 18:41

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET BUF
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET BUF
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
245.1	Mercury (CVAA)	EPA	EET BUF
420.4	Phenolics, Total Recoverable	EPA	EET BUF
SM 4500 CN G	Cyanide, Amenable	SM	EET BUF
SM 4500 P E	Phosphorus	SM	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
245.1	Preparation, Mercury	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
625	Liquid-Liquid Extraction	EPA	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-213174-1	BCC Area D Influent	Water	09/28/23 10:30	09/28/23 13:30
480-213174-2	TRIP BLANK	Water	09/28/23 00:00	09/28/23 13:30

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

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area D Annual Influent

Job ID: 480-213174-1

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

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
625.1	2,4-Dinitrotoluene	Water	Total/NA	ug/L	5.0	10
625.1	4-Nitrophenol	Water	Total/NA	ug/L	10	15
625.1	Hexachlorocyclopentadiene	Water	Total/NA	ug/L	5.0	10

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-213174-1

Login Number: 213174

List Number: 1

Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210
Generated 10/11/2023 4:56:18 PM

JOB DESCRIPTION

Buffalo Color Sites

JOB NUMBER

480-213173-1

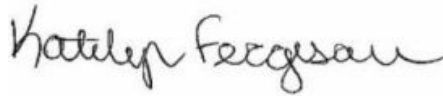
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Job Notes

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

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Authorization



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Authorized for release by
Katelyn Ferguson, Project Manager I
katelyn.ferguson@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

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

Job ID: 480-213173-1

Qualifiers

GC/MS Semi VOA

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

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

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

Job ID: 480-213173-1

Job ID: 480-213173-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-213173-1

Receipt

The samples were received on 9/28/2023 1:30 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 10.5° C.

GC/MS Semi VOA

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

LCMS

Method 537 (modified): 13C4 PFBA Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: AREA D INFLUENT (480-213173-1). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample.

Method 537 (modified): Method 537 (modified): The "I" qualifier associated with samples AREA A/D INFLUENT (480-213173-2), AREA A/D EFFLUENT (480-213173-3) and DUPLICATE/EFFLUENT (480-213173-4) is applied because the transition mass ratio for the indicated analyte(s) was outside of the established ratio limits. The qualitative identification has some degree of uncertainty, however analyst judgment was used to positively identify the analyte(s).

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 Sites

Job ID: 480-213173-1

Client Sample ID: AREA D INFLUENT

Lab Sample ID: 480-213173-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.5	B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.1		2.0	0.60	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	32		4.9	1.2	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	1.2	J	2.0	0.40	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.0		2.0	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	28		2.0	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	8.0		2.0	0.63	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	61		2.0	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	7.9		2.0	0.74	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	19		2.0	0.66	ng/L	1		537 (modified)	Total/NA

Client Sample ID: AREA A/D INFLUENT

Lab Sample ID: 480-213173-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.3	B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.7	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	11		4.3	1.0	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.51	J I	1.7	0.35	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.8		1.7	0.46	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	10		1.7	0.47	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.1		1.7	0.55	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	21		1.7	0.72	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	5.2		1.7	0.65	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	8.4		1.7	0.58	ng/L	1		537 (modified)	Total/NA

Client Sample ID: AREA A/D EFFLUENT

Lab Sample ID: 480-213173-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.20	B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.2	J I	1.9	0.58	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	4.4	J	4.7	1.1	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.4		1.9	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.5	J	1.9	0.61	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.6		1.9	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.4	J	1.9	0.72	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.9		1.9	0.64	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUPLICATE/EFFLUENT

Lab Sample ID: 480-213173-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.20	B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.3	J I	1.7	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	4.9		4.2	1.0	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.2		1.7	0.47	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.3	J I	1.7	0.55	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.7		1.7	0.72	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.6	J	1.7	0.65	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	2.4		1.7	0.58	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FIELD BLANK

Lab Sample ID: 480-213173-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: AREA D INFLUENT

Lab Sample ID: 480-213173-1

Date Collected: 09/28/23 11:00

Matrix: Water

Date Received: 09/28/23 13:30

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.5	B	0.20	0.10	ug/L		09/29/23 07:06	10/03/23 02:26	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	34		15 - 110				09/29/23 07:06	10/03/23 02:26	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		2.0	0.75	ng/L		10/06/23 10:20	10/07/23 09:48	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.9	1.3	ng/L		10/06/23 10:20	10/07/23 09:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.9	1.6	ng/L		10/06/23 10:20	10/07/23 09:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.9	1.9	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorobutanesulfonic acid (PFBS)	2.1		2.0	0.60	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorobutanoic acid (PFBA)	32		4.9	1.2	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.39	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.45	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.48	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluoroheptanesulfonic acid (PFHpS)	1.2	J	2.0	0.40	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluoroheptanoic acid (PFHpA)	2.0		2.0	0.53	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorohexanesulfonic acid (PFHxS)	28		2.0	0.54	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorohexanoic acid (PFHxA)	8.0		2.0	0.63	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.48	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.90	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorooctanesulfonic acid (PFOS)	61		2.0	0.83	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorooctanoic acid (PFOA)	7.9		2.0	0.74	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluoropentanoic acid (PFPeA)	19		2.0	0.66	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.62	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluorotridecanoic acid (PFTrIA)	ND		2.0	0.47	ng/L		10/06/23 10:20	10/07/23 09:48	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.54	ng/L		10/06/23 10:20	10/07/23 09:48	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	102		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C2 PFDoA	98		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C2 PFHxA	88		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C2 PFTeDA	87		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C2 PFUnA	96		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C3 PFBS	84		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C4 PFBA	47	*5-	50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C4 PFHpA	84		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C4 PFOA	99		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C4 PFOS	91		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C5 PFNA	93		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C5 PFPeA	77		50 - 150				10/06/23 10:20	10/07/23 09:48	1
13C8 FOSA	65		50 - 150				10/06/23 10:20	10/07/23 09:48	1
18O2 PFHxS	86		50 - 150				10/06/23 10:20	10/07/23 09:48	1
d3-NMeFOSAA	84		50 - 150				10/06/23 10:20	10/07/23 09:48	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: AREA D INFLUENT

Lab Sample ID: 480-213173-1

Date Collected: 09/28/23 11:00

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
d5-NEtFOSAA	92		50 - 150	10/06/23 10:20	10/07/23 09:48	1
M2-6:2 FTS	108		50 - 150	10/06/23 10:20	10/07/23 09:48	1
M2-8:2 FTS	96		50 - 150	10/06/23 10:20	10/07/23 09:48	1

Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: AREA A/D INFLUENT

Lab Sample ID: 480-213173-2

Date Collected: 09/28/23 11:10

Matrix: Water

Date Received: 09/28/23 13:30

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.3	B	0.20	0.10	ug/L		09/29/23 07:06	10/03/23 02:43	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				09/29/23 07:06	10/03/23 02:43	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		1.7	0.66	ng/L		10/06/23 10:20	10/07/23 09:56	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.3	1.1	ng/L		10/06/23 10:20	10/07/23 09:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	ND		4.3	1.4	ng/L		10/06/23 10:20	10/07/23 09:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMEFOSAA)	ND		4.3	1.6	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.7	0.53	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorobutanoic acid (PFBA)	11		4.3	1.0	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.34	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.39	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.42	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluoroheptanesulfonic acid (PFHpS)	0.51	J I	1.7	0.35	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluoroheptanoic acid (PFHpA)	1.8		1.7	0.46	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorohexanesulfonic acid (PFHxS)	10		1.7	0.47	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorohexanoic acid (PFHxA)	4.1		1.7	0.55	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.42	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.7	0.78	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorooctanesulfonic acid (PFOS)	21		1.7	0.72	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorooctanoic acid (PFOA)	5.2		1.7	0.65	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluoropentanoic acid (PFPeA)	8.4		1.7	0.58	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.54	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluorotridecanoic acid (PFTrIA)	ND		1.7	0.41	ng/L		10/06/23 10:20	10/07/23 09:56	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.47	ng/L		10/06/23 10:20	10/07/23 09:56	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	93		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C2 PFDoA	88		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C2 PFHxA	93		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C2 PFTeDA	81		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C2 PFUnA	93		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C3 PFBS	83		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C4 PFBA	56		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C4 PFHpA	87		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C4 PFOA	97		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C4 PFOS	85		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C5 PFNA	95		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C5 PFPeA	78		50 - 150				10/06/23 10:20	10/07/23 09:56	1
13C8 FOSA	61		50 - 150				10/06/23 10:20	10/07/23 09:56	1
18O2 PFHxS	84		50 - 150				10/06/23 10:20	10/07/23 09:56	1
d3-NMEFOSAA	80		50 - 150				10/06/23 10:20	10/07/23 09:56	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: AREA A/D INFLUENT

Lab Sample ID: 480-213173-2

Date Collected: 09/28/23 11:10

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
d5-NEtFOSAA	95		50 - 150	10/06/23 10:20	10/07/23 09:56	1
M2-6:2 FTS	98		50 - 150	10/06/23 10:20	10/07/23 09:56	1
M2-8:2 FTS	92		50 - 150	10/06/23 10:20	10/07/23 09:56	1

Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: AREA A/D EFFLUENT

Lab Sample ID: 480-213173-3

Date Collected: 09/28/23 11:15

Matrix: Water

Date Received: 09/28/23 13:30

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	B	0.20	0.10	ug/L		09/29/23 07:06	10/03/23 00:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	39		15 - 110				09/29/23 07:06	10/03/23 00:09	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		1.9	0.73	ng/L		10/06/23 10:20	10/07/23 10:05	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.7	1.2	ng/L		10/06/23 10:20	10/07/23 10:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.7	1.5	ng/L		10/06/23 10:20	10/07/23 10:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.7	1.8	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorobutanesulfonic acid (PFBS)	1.2	J I	1.9	0.58	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorobutanoic acid (PFBA)	4.4	J	4.7	1.1	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.38	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.43	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.46	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.9	0.39	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.51	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorohexanesulfonic acid (PFHxS)	2.4		1.9	0.52	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorohexanoic acid (PFHxA)	1.5	J	1.9	0.61	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.46	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.9	0.87	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorooctanesulfonic acid (PFOS)	3.6		1.9	0.80	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorooctanoic acid (PFOA)	1.4	J	1.9	0.72	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluoropentanoic acid (PFPeA)	1.9		1.9	0.64	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.60	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluorotridecanoic acid (PFTrIA)	ND		1.9	0.45	ng/L		10/06/23 10:20	10/07/23 10:05	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.52	ng/L		10/06/23 10:20	10/07/23 10:05	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	85		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C2 PFDoA	95		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C2 PFHxA	94		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C2 PFTeDA	83		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C2 PFUnA	89		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C3 PFBS	84		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C4 PFBA	83		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C4 PFHpA	94		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C4 PFOA	102		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C4 PFOS	90		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C5 PFNA	89		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C5 PFPeA	92		50 - 150				10/06/23 10:20	10/07/23 10:05	1
13C8 FOSA	77		50 - 150				10/06/23 10:20	10/07/23 10:05	1
18O2 PFHxS	88		50 - 150				10/06/23 10:20	10/07/23 10:05	1
d3-NMeFOSAA	80		50 - 150				10/06/23 10:20	10/07/23 10:05	1

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Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: AREA A/D EFFLUENT

Lab Sample ID: 480-213173-3

Date Collected: 09/28/23 11:15

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
d5-NEtFOSAA	78		50 - 150	10/06/23 10:20	10/07/23 10:05	1
M2-6:2 FTS	84		50 - 150	10/06/23 10:20	10/07/23 10:05	1
M2-8:2 FTS	71		50 - 150	10/06/23 10:20	10/07/23 10:05	1

Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: DUPLICATE/EFFLUENT

Lab Sample ID: 480-213173-4

Date Collected: 09/28/23 11:18

Matrix: Water

Date Received: 09/28/23 13:30

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	B	0.20	0.10	ug/L		09/29/23 07:06	10/03/23 03:00	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	40		15 - 110				09/29/23 07:06	10/03/23 03:00	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		1.7	0.65	ng/L		10/06/23 10:20	10/07/23 10:29	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.2	1.1	ng/L		10/06/23 10:20	10/07/23 10:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.2	1.4	ng/L		10/06/23 10:20	10/07/23 10:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.2	1.6	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorobutanesulfonic acid (PFBS)	1.3	J I	1.7	0.53	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorobutanoic acid (PFBA)	4.9		4.2	1.0	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.34	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.39	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.42	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.7	0.35	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.46	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorohexanesulfonic acid (PFHxS)	2.2		1.7	0.47	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorohexanoic acid (PFHxA)	1.3	J I	1.7	0.55	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.42	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.7	0.78	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorooctanesulfonic acid (PFOS)	3.7		1.7	0.72	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorooctanoic acid (PFOA)	1.6	J	1.7	0.65	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluoropentanoic acid (PFPeA)	2.4		1.7	0.58	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.54	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluorotridecanoic acid (PFTrIA)	ND		1.7	0.41	ng/L		10/06/23 10:20	10/07/23 10:29	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.47	ng/L		10/06/23 10:20	10/07/23 10:29	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	98		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C2 PFDoA	90		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C2 PFHxA	104		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C2 PFTeDA	86		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C2 PFUnA	90		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C3 PFBS	87		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C4 PFBA	89		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C4 PFHpA	95		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C4 PFOA	106		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C4 PFOS	93		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C5 PFNA	99		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C5 PFPeA	99		50 - 150				10/06/23 10:20	10/07/23 10:29	1
13C8 FOSA	80		50 - 150				10/06/23 10:20	10/07/23 10:29	1
18O2 PFHxS	96		50 - 150				10/06/23 10:20	10/07/23 10:29	1
d3-NMeFOSAA	81		50 - 150				10/06/23 10:20	10/07/23 10:29	1

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Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: DUPLICATE/EFFLUENT

Lab Sample ID: 480-213173-4

Date Collected: 09/28/23 11:18

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
d5-NEtFOSAA	82		50 - 150	10/06/23 10:20	10/07/23 10:29	1
M2-6:2 FTS	87		50 - 150	10/06/23 10:20	10/07/23 10:29	1
M2-8:2 FTS	74		50 - 150	10/06/23 10:20	10/07/23 10:29	1

Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: FIELD BLANK

Lab Sample ID: 480-213173-5

Date Collected: 09/28/23 11:30

Matrix: Water

Date Received: 09/28/23 13:30

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/29/23 07:06	10/03/23 03:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				09/29/23 07:06	10/03/23 03:18	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		2.0	0.78	ng/L		10/06/23 10:20	10/07/23 10:37	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		5.1	1.3	ng/L		10/06/23 10:20	10/07/23 10:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		5.1	1.6	ng/L		10/06/23 10:20	10/07/23 10:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		5.1	1.9	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.63	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorobutanoic acid (PFBA)	ND		5.1	1.2	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.41	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.47	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.42	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.55	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.56	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.66	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.94	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.87	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.77	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.69	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.65	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	0.49	ng/L		10/06/23 10:20	10/07/23 10:37	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.56	ng/L		10/06/23 10:20	10/07/23 10:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	90		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C2 PFDoA	89		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C2 PFHxA	98		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C2 PFTeDA	76		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C2 PFUnA	91		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C3 PFBS	89		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C4 PFBA	104		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C4 PFHpA	98		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C4 PFOA	108		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C4 PFOS	93		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C5 PFNA	100		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C5 PFPeA	93		50 - 150				10/06/23 10:20	10/07/23 10:37	1
13C8 FOSA	72		50 - 150				10/06/23 10:20	10/07/23 10:37	1
18O2 PFHxS	89		50 - 150				10/06/23 10:20	10/07/23 10:37	1
d3-NMeFOSAA	80		50 - 150				10/06/23 10:20	10/07/23 10:37	1
d5-NEtFOSAA	80		50 - 150				10/06/23 10:20	10/07/23 10:37	1
M2-6:2 FTS	85		50 - 150				10/06/23 10:20	10/07/23 10:37	1

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Client Sample Results

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

Job ID: 480-213173-1

Client Sample ID: FIELD BLANK

Lab Sample ID: 480-213173-5

Date Collected: 09/28/23 11:30

Matrix: Water

Date Received: 09/28/23 13:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)							
Isotope Dilution	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
M2-8:2 FTS	79		50 - 150		10/06/23 10:20	10/07/23 10:37	1

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

Isotope Dilution Summary

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

Job ID: 480-213173-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-110)
480-213173-1	AREA D INFLUENT	34
480-213173-2	AREA A/D INFLUENT	31
480-213173-3	AREA A/D EFFLUENT	39
480-213173-3 MS	AREA A/D EFFLUENT MS	37
480-213173-3 MSD	AREA A/D EFFLUENT MSD	43
480-213173-4	DUPLICATE/EFFLUENT	40
480-213173-5	FIELD BLANK	31
LCS 480-685505/2-A	Lab Control Sample	41
MB 480-685505/1-A	Method Blank	40

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDA (50-150)	PFDoA (50-150)	PFHxA (50-150)	PFTDA (50-150)	PFUnA (50-150)	C3PFBS (50-150)	PFBA (50-150)	C4PFHA (50-150)
480-213173-1	AREA D INFLUENT	102	98	88	87	96	84	47 *5-	84
480-213173-2	AREA A/D INFLUENT	93	88	93	81	93	83	56	87
480-213173-3	AREA A/D EFFLUENT	85	95	94	83	89	84	83	94
480-213173-3 MS	AREA A/D EFFLUENT MS	97	91	104	88	87	85	88	95
480-213173-3 MSD	AREA A/D EFFLUENT MSD	90	90	90	80	88	79	83	93
480-213173-4	DUPLICATE/EFFLUENT	98	90	104	86	90	87	89	95
480-213173-5	FIELD BLANK	90	89	98	76	91	89	104	98
LCS 200-196189/2-A	Lab Control Sample	93	83	105	82	88	91	106	96
MB 200-196189/1-A	Method Blank	92	93	101	87	90	90	104	96

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFOA (50-150)	PFOS (50-150)	PFNA (50-150)	PFPeA (50-150)	PFOSA (50-150)	PFHxS (50-150)	d3NMFOS (50-150)	d5NEFOS (50-150)
480-213173-1	AREA D INFLUENT	99	91	93	77	65	86	84	92
480-213173-2	AREA A/D INFLUENT	97	85	95	78	61	84	80	95
480-213173-3	AREA A/D EFFLUENT	102	90	89	92	77	88	80	78
480-213173-3 MS	AREA A/D EFFLUENT MS	101	92	94	94	81	90	83	85
480-213173-3 MSD	AREA A/D EFFLUENT MSD	98	88	89	85	75	83	79	78
480-213173-4	DUPLICATE/EFFLUENT	106	93	99	99	80	96	81	82
480-213173-5	FIELD BLANK	108	93	100	93	72	89	80	80
LCS 200-196189/2-A	Lab Control Sample	106	93	99	99	75	91	79	81
MB 200-196189/1-A	Method Blank	103	92	94	96	80	95	86	88

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (50-150)	M282FTS (50-150)
480-213173-1	AREA D INFLUENT	108	96
480-213173-2	AREA A/D INFLUENT	98	92
480-213173-3	AREA A/D EFFLUENT	84	71
480-213173-3 MS	AREA A/D EFFLUENT MS	85	79
480-213173-3 MSD	AREA A/D EFFLUENT MSD	81	77
480-213173-4	DUPLICATE/EFFLUENT	87	74
480-213173-5	FIELD BLANK	85	79

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Isotope Dilution Summary

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

Job ID: 480-213173-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	M262FTS (50-150)	M282FTS (50-150)
LCS 200-196189/2-A	Lab Control Sample	86	76
MB 200-196189/1-A	Method Blank	87	81
Surrogate Legend			
PFDA = 13C2 PFDA			
PFDoA = 13C2 PFDoA			
PFHxA = 13C2 PFHxA			
PFTDA = 13C2 PFTeDA			
PFUnA = 13C2 PFUnA			
C3PFBS = 13C3 PFBS			
PFBA = 13C4 PFBA			
C4PFHA = 13C4 PFHpA			
PFOA = 13C4 PFOA			
PFOS = 13C4 PFOS			
PFNA = 13C5 PFNA			
PFPeA = 13C5 PFPeA			
PFOSA = 13C8 FOSA			
PFHxS = 18O2 PFHxS			
d3NMFOS = d3-NMeFOSAA			
d5NEFOS = d5-NEtFOSAA			
M262FTS = M2-6:2 FTS			
M282FTS = M2-8:2 FTS			

QC Sample Results

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

Job ID: 480-213173-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-685505/1-A

Matrix: Water

Analysis Batch: 685776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.142	J	0.20	0.10	ug/L		09/29/23 07:06	10/02/23 22:08	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	40		15 - 110				09/29/23 07:06	10/02/23 22:08	1

Lab Sample ID: LCS 480-685505/2-A

Matrix: Water

Analysis Batch: 685776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	2.00	2.28		ug/L		114	40 - 140
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8	41		15 - 110				

Lab Sample ID: 480-213173-3 MS

Matrix: Water

Analysis Batch: 685776

Client Sample ID: AREA A/D EFFLUENT MS

Prep Type: Total/NA

Prep Batch: 685505

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.20	B	2.00	2.40		ug/L		110	40 - 140
Isotope Dilution	MS %Recovery	MS Qualifier	Limits						
1,4-Dioxane-d8	37		15 - 110						

Lab Sample ID: 480-213173-3 MSD

Matrix: Water

Analysis Batch: 685776

Client Sample ID: AREA A/D EFFLUENT MSD

Prep Type: Total/NA

Prep Batch: 685505

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.20	B	2.00	2.36		ug/L		108	40 - 140	2	20
Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits								
1,4-Dioxane-d8	43		15 - 110								

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-196189/1-A

Matrix: Water

Analysis Batch: 196224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 196189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		2.0	0.77	ng/L		10/06/23 10:20	10/07/23 07:54	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		5.0	1.3	ng/L		10/06/23 10:20	10/07/23 07:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		5.0	1.6	ng/L		10/06/23 10:20	10/07/23 07:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		5.0	1.9	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.62	ng/L		10/06/23 10:20	10/07/23 07:54	1

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QC Sample Results

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

Job ID: 480-213173-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-196189/1-A

Matrix: Water

Analysis Batch: 196224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 196189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		5.0	1.2	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.40	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.46	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.49	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.41	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.54	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.55	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.65	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.49	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.92	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.85	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.76	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.68	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.64	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	0.48	ng/L		10/06/23 10:20	10/07/23 07:54	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.55	ng/L		10/06/23 10:20	10/07/23 07:54	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	92		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C2 PFDoA	93		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C2 PFHxA	101		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C2 PFTeDA	87		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C2 PFUnA	90		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C3 PFBS	90		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C4 PFBA	104		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C4 PFHpA	96		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C4 PFOA	103		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C4 PFOS	92		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C5 PFNA	94		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C5 PFPeA	96		50 - 150	10/06/23 10:20	10/07/23 07:54	1
13C8 FOSA	80		50 - 150	10/06/23 10:20	10/07/23 07:54	1
18O2 PFHxS	95		50 - 150	10/06/23 10:20	10/07/23 07:54	1
d3-NMeFOSAA	86		50 - 150	10/06/23 10:20	10/07/23 07:54	1
d5-NEtFOSAA	88		50 - 150	10/06/23 10:20	10/07/23 07:54	1
M2-6:2 FTS	87		50 - 150	10/06/23 10:20	10/07/23 07:54	1
M2-8:2 FTS	81		50 - 150	10/06/23 10:20	10/07/23 07:54	1

Lab Sample ID: LCS 200-196189/2-A

Matrix: Water

Analysis Batch: 196224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 196189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	38.4	41.4		ng/L		108	70 - 130
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	38.0	39.2		ng/L		103	60 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	35.2		ng/L		88	70 - 130

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QC Sample Results

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

Job ID: 480-213173-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-196189/2-A

Matrix: Water

Analysis Batch: 196224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 196189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	39.1		ng/L		98	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.5	33.8		ng/L		95	70 - 130
Perfluorobutanoic acid (PFBA)	40.0	37.6		ng/L		94	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	29.4		ng/L		76	70 - 130
Perfluorodecanoic acid (PFDA)	40.0	38.8		ng/L		97	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	37.4		ng/L		94	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	38.1	36.2		ng/L		95	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	39.3		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.6	33.9		ng/L		93	70 - 130
Perfluorohexanoic acid (PFHxA)	40.0	34.6		ng/L		86	70 - 130
Perfluorononanoic acid (PFNA)	40.0	35.6		ng/L		89	70 - 130
Perfluorooctanesulfonamide (PFOSA)	40.0	40.5		ng/L		101	70 - 130
Perfluorooctanesulfonic acid (PFOS)	37.1	33.2		ng/L		89	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	34.8		ng/L		87	70 - 130
Perfluoropentanoic acid (PFPeA)	40.0	38.0		ng/L		95	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	35.4		ng/L		88	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	40.1		ng/L		100	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	39.4		ng/L		98	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 PFDA	93		50 - 150
13C2 PFDoA	83		50 - 150
13C2 PFHxA	105		50 - 150
13C2 PFTeDA	82		50 - 150
13C2 PFUnA	88		50 - 150
13C3 PFBS	91		50 - 150
13C4 PFBA	106		50 - 150
13C4 PFHpA	96		50 - 150
13C4 PFOA	106		50 - 150
13C4 PFOS	93		50 - 150
13C5 PFNA	99		50 - 150
13C5 PFPeA	99		50 - 150
13C8 FOSA	75		50 - 150
18O2 PFHxS	91		50 - 150
d3-NMeFOSAA	79		50 - 150
d5-NEtFOSAA	81		50 - 150
M2-6:2 FTS	86		50 - 150
M2-8:2 FTS	76		50 - 150

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QC Sample Results

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

Job ID: 480-213173-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-213173-3 MS

Matrix: Water

Analysis Batch: 196224

Client Sample ID: AREA A/D EFFLUENT MS

Prep Type: Total/NA

Prep Batch: 196189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		34.1	34.8		ng/L		102	60 - 140
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		33.7	34.9		ng/L		103	50 - 150
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		35.5	31.9		ng/L		90	60 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		35.5	34.5		ng/L		97	60 - 140
Perfluorobutanesulfonic acid (PFBS)	1.2	J I	31.5	31.0		ng/L		95	60 - 140
Perfluorobutanoic acid (PFBA)	4.4	J	35.5	37.9		ng/L		94	60 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		34.2	29.5		ng/L		86	60 - 140
Perfluorodecanoic acid (PFDA)	ND		35.5	32.1		ng/L		91	60 - 140
Perfluorododecanoic acid (PFDoA)	ND		35.5	32.0		ng/L		90	60 - 140
Perfluoroheptanesulfonic acid (PFHpS)	ND		33.8	32.1		ng/L		95	60 - 140
Perfluoroheptanoic acid (PFHpA)	ND		35.5	35.9		ng/L		101	60 - 140
Perfluorohexanesulfonic acid (PFHxS)	2.4		32.4	31.9		ng/L		91	60 - 140
Perfluorohexanoic acid (PFHxA)	1.5	J	35.5	31.6		ng/L		85	60 - 140
Perfluorononanoic acid (PFNA)	ND		35.5	36.8		ng/L		104	60 - 140
Perfluorooctanesulfonamide (PFOSA)	ND		35.5	35.8		ng/L		101	60 - 140
Perfluorooctanesulfonic acid (PFOS)	3.6		32.9	33.2		ng/L		90	60 - 140
Perfluorooctanoic acid (PFOA)	1.4	J	35.5	36.5		ng/L		99	60 - 140
Perfluoropentanoic acid (PFPeA)	1.9		35.5	37.9		ng/L		102	60 - 140
Perfluorotetradecanoic acid (PFTeA)	ND		35.5	32.4		ng/L		91	60 - 140
Perfluorotridecanoic acid (PFTriA)	ND		35.5	36.1		ng/L		102	60 - 140
Perfluoroundecanoic acid (PFUnA)	ND		35.5	37.1		ng/L		105	60 - 140

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFDA	97		50 - 150
13C2 PFDoA	91		50 - 150
13C2 PFHxA	104		50 - 150
13C2 PFTeDA	88		50 - 150
13C2 PFUnA	87		50 - 150
13C3 PFBS	85		50 - 150
13C4 PFBA	88		50 - 150
13C4 PFHpA	95		50 - 150
13C4 PFOA	101		50 - 150
13C4 PFOS	92		50 - 150
13C5 PFNA	94		50 - 150
13C5 PFPeA	94		50 - 150
13C8 FOSA	81		50 - 150
18O2 PFHxS	90		50 - 150
d3-NMeFOSAA	83		50 - 150

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QC Sample Results

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

Job ID: 480-213173-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-213173-3 MS

Matrix: Water

Analysis Batch: 196224

Client Sample ID: AREA A/D EFFLUENT MS

Prep Type: Total/NA

Prep Batch: 196189

<i>Isotope Dilution</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
d5-NEtFOSAA	85		50 - 150
M2-6:2 FTS	85		50 - 150
M2-8:2 FTS	79		50 - 150

Lab Sample ID: 480-213173-3 MSD

Matrix: Water

Analysis Batch: 196224

Client Sample ID: AREA A/D EFFLUENT MSD

Prep Type: Total/NA

Prep Batch: 196189

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MSD</i> <i>Result</i>	<i>MSD</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec</i> <i>Limits</i>	<i>RPD</i>	<i>RPD</i> <i>Limit</i>
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		35.5	36.5		ng/L		103	60 - 140	5	30
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		35.2	35.8		ng/L		102	50 - 150	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		37.0	34.4		ng/L		93	60 - 140	8	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		37.0	35.1		ng/L		95	60 - 140	2	30
Perfluorobutanesulfonic acid (PFBS)	1.2	J I	32.8	33.7		ng/L		99	60 - 140	8	30
Perfluorobutanoic acid (PFBA)	4.4	J	37.0	39.9		ng/L		96	60 - 140	5	30
Perfluorodecanesulfonic acid (PFDS)	ND		35.7	29.6		ng/L		83	60 - 140	0	30
Perfluorodecanoic acid (PFDA)	ND		37.0	36.0		ng/L		97	60 - 140	11	30
Perfluorododecanoic acid (PFDoA)	ND		37.0	33.3		ng/L		90	60 - 140	4	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		35.3	33.9		ng/L		96	60 - 140	5	30
Perfluoroheptanoic acid (PFHpA)	ND		37.0	34.5		ng/L		93	60 - 140	4	30
Perfluorohexanesulfonic acid (PFHxS)	2.4		33.8	33.6		ng/L		92	60 - 140	5	30
Perfluorohexanoic acid (PFHxA)	1.5	J	37.0	37.1		ng/L		96	60 - 140	16	30
Perfluorononanoic acid (PFNA)	ND		37.0	34.9		ng/L		94	60 - 140	5	30
Perfluorooctanesulfonamide (PFOSA)	ND		37.0	37.1		ng/L		100	60 - 140	3	30
Perfluorooctanesulfonic acid (PFOS)	3.6		34.3	35.0		ng/L		91	60 - 140	5	30
Perfluorooctanoic acid (PFOA)	1.4	J	37.0	33.2		ng/L		86	60 - 140	10	30
Perfluoropentanoic acid (PFPeA)	1.9		37.0	40.4		ng/L		104	60 - 140	6	30
Perfluorotetradecanoic acid (PFTeA)	ND		37.0	34.4		ng/L		93	60 - 140	6	30
Perfluorotridecanoic acid (PFTriA)	ND		37.0	33.0		ng/L		89	60 - 140	9	30
Perfluoroundecanoic acid (PFUnA)	ND		37.0	35.1		ng/L		95	60 - 140	6	30

<i>Isotope Dilution</i>	<i>MSD</i> <i>%Recovery</i>	<i>MSD</i> <i>Qualifier</i>	<i>Limits</i>
13C2 PFDA	90		50 - 150
13C2 PFDoA	90		50 - 150
13C2 PFHxA	90		50 - 150
13C2 PFTeDA	80		50 - 150
13C2 PFUnA	88		50 - 150
13C3 PFBS	79		50 - 150

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QC Sample Results

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

Job ID: 480-213173-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-213173-3 MSD

Matrix: Water

Analysis Batch: 196224

Client Sample ID: AREA A/D EFFLUENT MSD

Prep Type: Total/NA

Prep Batch: 196189

Isotope Dilution	MSD	MSD	Limits
	%Recovery	Qualifier	
13C4 PFBA	83		50 - 150
13C4 PFHpA	93		50 - 150
13C4 PFOA	98		50 - 150
13C4 PFOS	88		50 - 150
13C5 PFNA	89		50 - 150
13C5 PFPeA	85		50 - 150
13C8 FOSA	75		50 - 150
18O2 PFHxS	83		50 - 150
d3-NMeFOSAA	79		50 - 150
d5-NEtFOSAA	78		50 - 150
M2-6:2 FTS	81		50 - 150
M2-8:2 FTS	77		50 - 150

QC Association Summary

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

Job ID: 480-213173-1

GC/MS Semi VOA

Prep Batch: 685505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213173-1	AREA D INFLUENT	Total/NA	Water	3510C	
480-213173-2	AREA A/D INFLUENT	Total/NA	Water	3510C	
480-213173-3	AREA A/D EFFLUENT	Total/NA	Water	3510C	
480-213173-4	DUPLICATE/EFFLUENT	Total/NA	Water	3510C	
480-213173-5	FIELD BLANK	Total/NA	Water	3510C	
MB 480-685505/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-685505/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-213173-3 MS	AREA A/D EFFLUENT MS	Total/NA	Water	3510C	
480-213173-3 MSD	AREA A/D EFFLUENT MSD	Total/NA	Water	3510C	

Analysis Batch: 685776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213173-1	AREA D INFLUENT	Total/NA	Water	8270D SIM ID	685505
480-213173-2	AREA A/D INFLUENT	Total/NA	Water	8270D SIM ID	685505
480-213173-3	AREA A/D EFFLUENT	Total/NA	Water	8270D SIM ID	685505
480-213173-4	DUPLICATE/EFFLUENT	Total/NA	Water	8270D SIM ID	685505
480-213173-5	FIELD BLANK	Total/NA	Water	8270D SIM ID	685505
MB 480-685505/1-A	Method Blank	Total/NA	Water	8270D SIM ID	685505
LCS 480-685505/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	685505
480-213173-3 MS	AREA A/D EFFLUENT MS	Total/NA	Water	8270D SIM ID	685505
480-213173-3 MSD	AREA A/D EFFLUENT MSD	Total/NA	Water	8270D SIM ID	685505

LCMS

Prep Batch: 196189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213173-1	AREA D INFLUENT	Total/NA	Water	3535	
480-213173-2	AREA A/D INFLUENT	Total/NA	Water	3535	
480-213173-3	AREA A/D EFFLUENT	Total/NA	Water	3535	
480-213173-4	DUPLICATE/EFFLUENT	Total/NA	Water	3535	
480-213173-5	FIELD BLANK	Total/NA	Water	3535	
MB 200-196189/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-196189/2-A	Lab Control Sample	Total/NA	Water	3535	
480-213173-3 MS	AREA A/D EFFLUENT MS	Total/NA	Water	3535	
480-213173-3 MSD	AREA A/D EFFLUENT MSD	Total/NA	Water	3535	

Analysis Batch: 196224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213173-1	AREA D INFLUENT	Total/NA	Water	537 (modified)	196189
480-213173-2	AREA A/D INFLUENT	Total/NA	Water	537 (modified)	196189
480-213173-3	AREA A/D EFFLUENT	Total/NA	Water	537 (modified)	196189
480-213173-4	DUPLICATE/EFFLUENT	Total/NA	Water	537 (modified)	196189
480-213173-5	FIELD BLANK	Total/NA	Water	537 (modified)	196189
MB 200-196189/1-A	Method Blank	Total/NA	Water	537 (modified)	196189
LCS 200-196189/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	196189
480-213173-3 MS	AREA A/D EFFLUENT MS	Total/NA	Water	537 (modified)	196189
480-213173-3 MSD	AREA A/D EFFLUENT MSD	Total/NA	Water	537 (modified)	196189

Lab Chronicle

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

Job ID: 480-213173-1

Client Sample ID: AREA D INFLUENT

Lab Sample ID: 480-213173-1

Date Collected: 09/28/23 11:00

Matrix: Water

Date Received: 09/28/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			685505	SMP	EET BUF	09/29/23 07:06
Total/NA	Analysis	8270D SIM ID		1	685776	JMM	EET BUF	10/03/23 02:26
Total/NA	Prep	3535			196189	KFW	EET BUR	10/06/23 10:20
Total/NA	Analysis	537 (modified)		1	196224	BWC	EET BUR	10/07/23 09:48

Client Sample ID: AREA A/D INFLUENT

Lab Sample ID: 480-213173-2

Date Collected: 09/28/23 11:10

Matrix: Water

Date Received: 09/28/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			685505	SMP	EET BUF	09/29/23 07:06
Total/NA	Analysis	8270D SIM ID		1	685776	JMM	EET BUF	10/03/23 02:43
Total/NA	Prep	3535			196189	KFW	EET BUR	10/06/23 10:20
Total/NA	Analysis	537 (modified)		1	196224	BWC	EET BUR	10/07/23 09:56

Client Sample ID: AREA A/D EFFLUENT

Lab Sample ID: 480-213173-3

Date Collected: 09/28/23 11:15

Matrix: Water

Date Received: 09/28/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			685505	SMP	EET BUF	09/29/23 07:06
Total/NA	Analysis	8270D SIM ID		1	685776	JMM	EET BUF	10/03/23 00:09
Total/NA	Prep	3535			196189	KFW	EET BUR	10/06/23 10:20
Total/NA	Analysis	537 (modified)		1	196224	BWC	EET BUR	10/07/23 10:05

Client Sample ID: DUPLICATE/EFFLUENT

Lab Sample ID: 480-213173-4

Date Collected: 09/28/23 11:18

Matrix: Water

Date Received: 09/28/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			685505	SMP	EET BUF	09/29/23 07:06
Total/NA	Analysis	8270D SIM ID		1	685776	JMM	EET BUF	10/03/23 03:00
Total/NA	Prep	3535			196189	KFW	EET BUR	10/06/23 10:20
Total/NA	Analysis	537 (modified)		1	196224	BWC	EET BUR	10/07/23 10:29

Client Sample ID: FIELD BLANK

Lab Sample ID: 480-213173-5

Date Collected: 09/28/23 11:30

Matrix: Water

Date Received: 09/28/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			685505	SMP	EET BUF	09/29/23 07:06
Total/NA	Analysis	8270D SIM ID		1	685776	JMM	EET BUF	10/03/23 03:18
Total/NA	Prep	3535			196189	KFW	EET BUR	10/06/23 10:20
Total/NA	Analysis	537 (modified)		1	196224	BWC	EET BUR	10/07/23 10:37

Lab Chronicle

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

Job ID: 480-213173-1

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600
EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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Accreditation/Certification Summary

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

Job ID: 480-213173-1

Laboratory: Eurofins Buffalo

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

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

Laboratory: Eurofins Burlington

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

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-18-24
Florida	NELAP	E87467	06-30-24
Minnesota	NELAP	050-999-436	12-31-23
New Hampshire	NELAP	2006	12-18-23
New Jersey	NELAP	VT972	06-30-24
New York	NELAP	10391	03-31-24
Pennsylvania	NELAP	68-00489	04-30-24
Rhode Island	State	LAO00298	12-31-24
US Fish & Wildlife	US Federal Programs	058448	07-31-24
USDA	US Federal Programs	P330-17-00272	10-30-23
Vermont	State	VT4000	02-10-24
Virginia	NELAP	460209	12-14-23
Wisconsin	State	399140830	08-31-24

Method Summary

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

Job ID: 480-213173-1

Method	Method Description	Protocol	Laboratory
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET BUF
537 (modified)	Fluorinated Alkyl Substances	EPA	EET BUR
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
3535	Solid-Phase Extraction (SPE)	SW846	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

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

Job ID: 480-213173-1

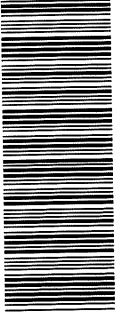
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-213173-1	AREA D INFLUENT	Water	09/28/23 11:00	09/28/23 13:30
480-213173-2	AREA A/D INFLUENT	Water	09/28/23 11:10	09/28/23 13:30
480-213173-3	AREA A/D EFFLUENT	Water	09/28/23 11:15	09/28/23 13:30
480-213173-4	DUPLICATE/EFFLUENT	Water	09/28/23 11:18	09/28/23 13:30
480-213173-5	FIELD BLANK	Water	09/28/23 11:30	09/28/23 13:30

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone 716-691-2600 Fax: 716-691-7991

Chain of Custody Record



Environment



Client Information (Sub Contract Lab)		Sampler		Lab PM		COC No	
10 Hazelwood Drive		Schove, John R		Schove, John R		480-82948 1	
Amherst, NY 14228-2298		Phone		E-Mail		Page	
Phone 716-691-2600 Fax: 716-691-7991		John Schove@eurofins.com		John Schove@eurofins.com		Page 1 of 1	
Company		TestAmerica Laboratories, Inc		Accreditations Required (See note)		Job #	
Address		530 Community Drive, Suite 11,		NELAP - New York		480-213173-1	
City		South Burlington		Due Date Requested:		Preservation Codes:	
State, Zip		VT, 05403		10/1/2023		A - HCL	
Phone		802-660-1990(Tel) 802-660-1919(Fax)		TAT Requested (days):		B - NaOH	
Email						C - Zn Acetate	
Project Name		OSC- Former Buffalo Color Sites - 37745				D - Nitric Acid	
Site		Honeywell- Buffalo Sites				E - NaHSO4	
Sample Date		9/28/23		Sample Time		F - MeOH	
Sample ID (Lab ID)		48003159		Sample Type (C=Comp, G=grab)		G - Amchlor	
Matrix		Water		Preservation Code:		H - Ascorbic Acid	
Sample Type		Water		Field Filtered Sample (Yes or No)		I - Ice	
Sample Time		11 00 Eastern		Perform MS/MSD (Yes or No)		J - DI Water	
Sample Date		9/28/23		PFC ID/MS/MSD (Yes or No)		K - EDTA	
Sample ID (Lab ID)		48003159		Total Number of containers		L - EDA	
Matrix		Water				Other:	
Sample Type		Water					
Sample Time		11 15 Eastern					
Sample Date		9/28/23					
Sample ID (Lab ID)		48003159					
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Environment Testing
TestAmerica

Part # 150469-434 MTW EXP 06/24

ORIGIN ID:DKKA (716) 691-2600
BUFFALO LAB
EUROFINS BUFFALO
10 HAZELWOOD DRIVE

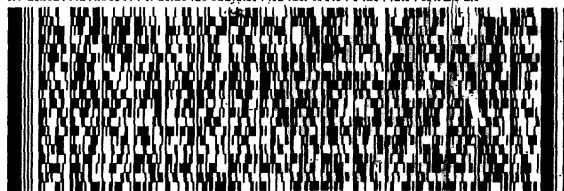
AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 28SEP23
ACTWGT: 37.15 LB
CAD: 046654/CAFE3753
DIMS: 23x15x14 IN

BILL SENDER

TO **SAMPLE MGT.**
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 923-1026
REF: TA SOUTH BURLINGTON

585C4/8835/RED



FedEx
Express



233023051201W

TRK# 6758 4754 3251
0201

FRI - 29 SEP 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV



Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-213173-1

Login Number: 213173

List Number: 1

Creator: Yeager, Brian A

List Source: Eurofins Buffalo

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

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-213173-1

Login Number: 213173

List Number: 2

Creator: Muniz, Luca

List Source: Eurofins Burlington

List Creation: 09/30/23 11:02 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	225696
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9°C
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received 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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT E - DISCHARGE MONITORING REPORTS





January 31, 2023

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

**Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #20-06-BU109
OSC Project ID: 16011**

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of October 1 through December 31, 2022. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

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

Sincerely,

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

cc:	Eugene Melnyk	NYSDEC Region 9
	Megan Kuczka	NYSDEC Region 9
	John Yensan	South Buffalo Development, LLC
	Todd Waldrop	Inventum Engineering

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

**B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)**
Reporting Period: October 1, 2022 through December 31, 2022

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the EW-1, EW-2, EW-3, EW-4, and EW-5 flow totalizers, plus any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by Eurofins Laboratory located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:	
October 2022	352,592 gallons
November 2022	404,378 gallons
December 2022	341,551 gallons

Total Quarterly Discharge 1,100,056 gallons

Estimated Area D contribution this period:
1,535 gallons

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



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

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

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No. 20-06-BU109 Effective June 1, 2020
Sample Date: 12/12/2022
Sample Location: Onsite Pump Station to BSA

Year: 2022
Month: DEC

Event Group: SUMP
Lab Job ID: J204688-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	8.4	0.100	SU	8.40	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.017	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.017	Yes
Total Chromium	7440-47-3	0.0027	0.0040	mg/L	0.0003	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0038	0.010	mg/L	0.000	lbs/day	0.67	lbs/day	Yes	16	0.0038	Yes
Lead	7439-92-1	0.0071	0.0050	mg/L	0.0007	lbs/day	0.541	lbs/day	Yes	65	0.0071	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0014	0.010	mg/L	0.0001	lbs/day	1.17	lbs/day	Yes	14	0.0014	Yes
Zinc	7440-66-6	0.0043	0.010	mg/L	0.000	lbs/day	2.046	lbs/day	Yes	25	0.004	Yes
Amendable Cyanide	CAN	0.02	0.010	mg/L	0.002	lbs/day	2.59	lbs/day	Yes	6.2	0.020	Yes
Total PCB	Sum Method E608	ND	0.060	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	7	40	ug/L	0.706	lbs/day	50	lbs/day	Yes	0.01	0.0070	Yes
Benzene	71-43-2	11	5	ug/L	0.0011	lbs/day	0.059	lbs/day	Yes	0.142	0.011	Yes
Chlorobenzene	108-90-7	95	5	ug/L	0.0096	lbs/day	0.129	lbs/day	Yes	0.31	0.10	Yes
1,2-Dichlorobenzene	95-50-1	ND	5	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	20	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method E624	106.66	25	ug/L	0.107	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	36.8	4.0	mg/L	36.8	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.58	0.010	mg/L	0.580	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	8.394810745	-	gpm	12,089	gpd	50,000	gpd	Yes			

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

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

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations		
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	76,341,445	10/1/2022
Final Reading	77,441,501	12/31/2022
Total Days in Period	91	
Total Flow for Period	1,100,056	gallons
Average Flow for Period	8.39	gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES

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

WASTEWATER TREATMENT PLANT

FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 851-4664
FAX: (716) 883-3789

April 30, 2020

Ms. Kirsten Colligan
Project Manager
333 Ganson Street
Buffalo, New York 14203

RECEIVED MAY 04 2020



RE: B.P.D.E.S. Permit #20-06-BU109

Dear Mr. Gabner:

Enclosed is your new BPDES Permit #20-06-BU109. This permit is issued by The Buffalo Sewer Authority.

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

If you have any further questions, please call Mike Szilagyi at 716-851-4664, ext. 5253 or myself at 716-851-4664, ext. 5250.

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

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

**PERMIT NO. 20-06-BU109
EPA 40CFR 403**

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

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

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 15, 2020** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2020

To Expire May 31, 2023



General Manager

Signed this 30th day of APRIL, 20 20

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

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

Sample		Discharge Limitations		Sampling Requirements	
Point	Parameter	Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe	Quarterly
	Total Flow	50,000 gals		Flow Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test Methods 624	⁽⁶⁾		Grab ⁽⁷⁾	Quarterly
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	⁽⁸⁾			Quarterly
	EPA Test Method 608	⁽⁹⁾		Grab	Quarterly
	Aniline	50.0 lbs	0.00	Grab	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Grab	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Grab	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	Quarterly
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	Quarterly

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

Sample Point	Parameter	Reporting	Requirements
001	All Analytes	Initial Report*	Subsequent Reports*
		July 31, 2020	October 31, 2020
			January 31, 2021
			April 30, 2021
			July 31, 2021
			October 31, 2021
			January 31, 2022
			April 30, 2022
			July 31, 2022
			October 31, 2022 **
			January 31, 2023
			April 30, 2023

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

** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

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

- (9) The permittee must report any compound whose concentration is greater than 0.30 ug/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.

**BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
PART II: GENERAL CONDITIONS**

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

Upon written notification by the BSA that a slug control plan is necessary for the permittee, the plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines" sheet. Within 90 days of the BSA notification, the permittee must implement the slug control plan

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM - 3:00 PM call 716-851-4664, ext. 5374. After normal business hours call 716-851-4664, ext. 600. For all slug discharges, and when requested by the BSA following an accidental discharge or spill, within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 716-851-4664 ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

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

noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

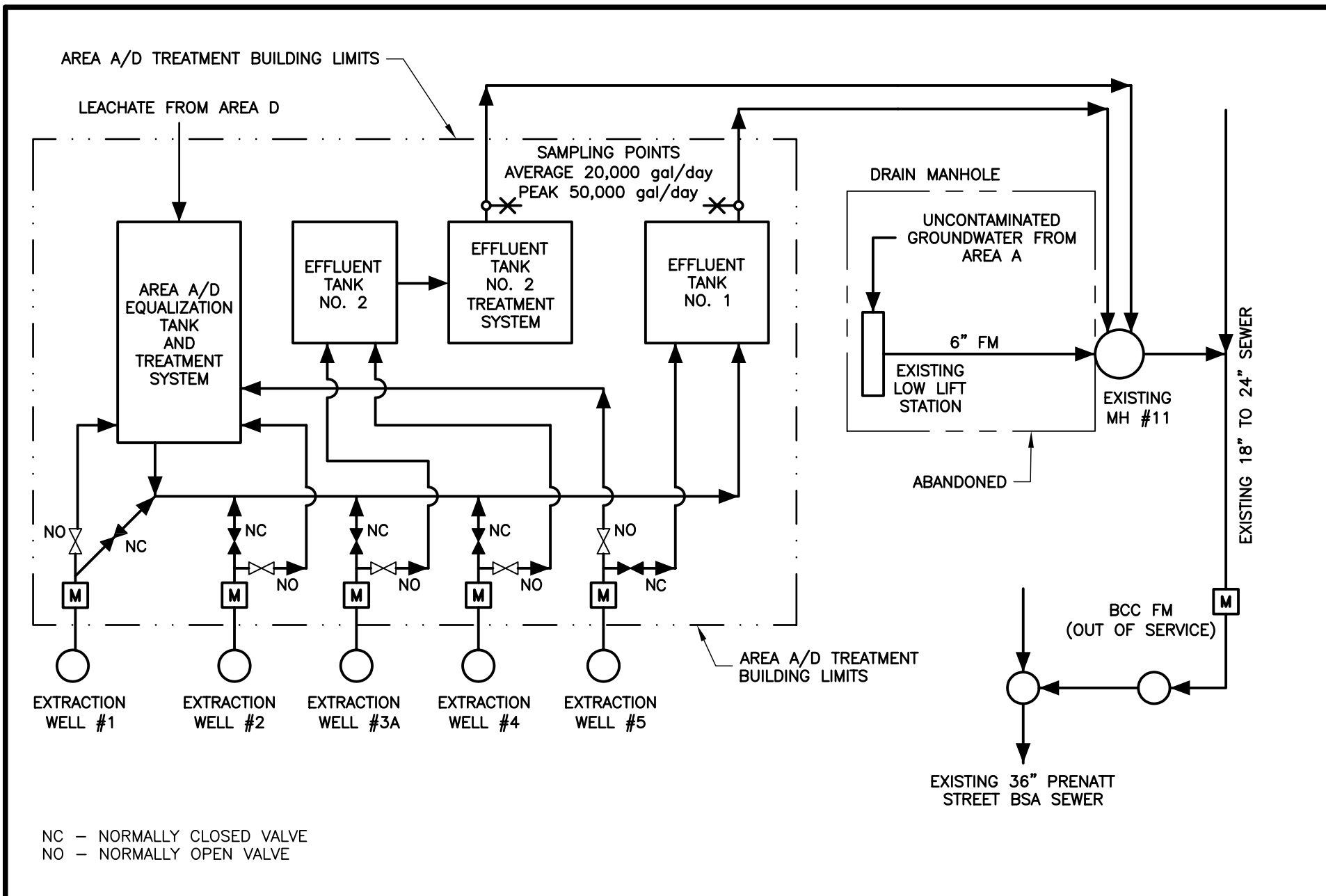
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210
Generated 12/28/2022 4:41:15 PM

JOB DESCRIPTION

37745-Buffalo Color- Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-204688-1

Eurofins Buffalo

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

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

Authorization



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Authorized for release by
Judy Stone, Senior Project Manager
Judy.Stone@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

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

Job ID: 480-204688-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD 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.

Metals

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

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

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

Job ID: 480-204688-1

Job ID: 480-204688-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-204688-1

Receipt

The samples were received on 12/12/2022 2:40 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 10.2° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 12/13/2022 as requested by the client: BCC BSA SUMP (480-204688-1) and TRIP BLANK (480-204688-2). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

GC/MS Semi VOA

Method 625.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-653679 and analytical batch 480-653869 recovered outside control limits for the following analyte: Benzidine.

Method 625.1: The laboratory control sample (LCS) for preparation batch 480-653679 and analytical batch 480-653998 recovered outside control limits for the following analytes: Aniline and Benzidine. The associated sample was re-prepared and/or re-analyzed outside holding time in preparation batch 480-654155 and analytical batch 480-654313 and these analytes recovered outside control limits. Insufficient volume remains for additional re-preparation, therefore both sets of data have been reported.

Method 625.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-654155 and analytical batch 480-654313 recovered outside control limits for the following analytes: Aniline and Benzidine.

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

GC Semi VOA

Method 608.3: The following sample was diluted due to the nature of the sample matrix: BCC BSA SUMP (480-204688-1). Elevated reporting limits (RLs) are provided.

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

Metals

Method 200.7: The reference method requires samples to be preserved to a pH of <2 and a wait period of 24 hours after preservation. The following sample was received with insufficient preservation at a pH of >2. The sample was preserved to the appropriate pH in the laboratory. The sample was preserved 12/9/22 at 1626; the second pH check was performed on 12/13/22 at 1500.

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

General Chemistry

Method SM 5210B: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 480-653323. The method holding time had expired, therefore the analysis was not repeated. The data were qualified and reported.

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP (480-204688-1).

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

Organic Prep

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

Case Narrative

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

Job ID: 480-204688-1

Job ID: 480-204688-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

preparation batch 480-653548.

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

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Detection Summary

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

Job ID: 480-204688-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-204688-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11		5.0	0.60	ug/L	1		624.1	Total/NA
Chlorobenzene	95		5.0	0.48	ug/L	1		624.1	Total/NA
Chloroform	0.66	J	5.0	0.54	ug/L	1		624.1	Total/NA
Aniline	7.0	J *	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	59		20	1.6	ug/L	1		625.1	Total/NA
Aniline - RE	3.9	J H * - *1	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate - RE	45	H	20	1.6	ug/L	1		625.1	Total/NA
Chromium	0.0027	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0038	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0071	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0043	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.017		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	36.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.020		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.4	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	21.8	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.58	B	0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-204688-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-204688-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-204688-1

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			12/13/22 14:03	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/13/22 14:03	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/13/22 14:03	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/13/22 14:03	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/13/22 14:03	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/13/22 14:03	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/13/22 14:03	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/13/22 14:03	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/13/22 14:03	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/13/22 14:03	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/13/22 14:03	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/13/22 14:03	1
Acrolein	ND		100	17	ug/L			12/13/22 14:03	1
Acrylonitrile	ND		50	1.9	ug/L			12/13/22 14:03	1
Benzene	11		5.0	0.60	ug/L			12/13/22 14:03	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/13/22 14:03	1
Bromoform	ND		5.0	0.47	ug/L			12/13/22 14:03	1
Bromomethane	ND		5.0	1.2	ug/L			12/13/22 14:03	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/13/22 14:03	1
Chlorobenzene	95		5.0	0.48	ug/L			12/13/22 14:03	1
Chloroethane	ND		5.0	0.87	ug/L			12/13/22 14:03	1
Chloroform	0.66 J		5.0	0.54	ug/L			12/13/22 14:03	1
Chloromethane	ND		5.0	0.64	ug/L			12/13/22 14:03	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/13/22 14:03	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/13/22 14:03	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/13/22 14:03	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/13/22 14:03	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/13/22 14:03	1
Toluene	ND		5.0	0.45	ug/L			12/13/22 14:03	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/13/22 14:03	1
Trichloroethene	ND		5.0	0.60	ug/L			12/13/22 14:03	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/13/22 14:03	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/13/22 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		12/13/22 14:03	1
4-Bromofluorobenzene (Surr)	98		76 - 123		12/13/22 14:03	1
Dibromofluoromethane (Surr)	101		75 - 123		12/13/22 14:03	1
Toluene-d8 (Surr)	95		77 - 120		12/13/22 14:03	1

Method: 40CFR136A 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		12/16/22 08:30	12/20/22 13:43	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		12/16/22 08:30	12/20/22 13:43	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		12/16/22 08:30	12/20/22 13:43	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		12/16/22 08:30	12/20/22 13:43	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		12/16/22 08:30	12/20/22 13:43	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		12/16/22 08:30	12/20/22 13:43	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-204688-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-204688-1

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

Method: 40CFR136A 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 13:43	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		12/16/22 08:30	12/20/22 13:43	1
2-Chloronaphthalene	ND		20	0.91	ug/L		12/16/22 08:30	12/20/22 13:43	1
2-Chlorophenol	ND		20	0.66	ug/L		12/16/22 08:30	12/20/22 13:43	1
2-Nitrophenol	ND		20	0.70	ug/L		12/16/22 08:30	12/20/22 13:43	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		12/16/22 08:30	12/20/22 13:43	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		12/16/22 08:30	12/20/22 13:43	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 13:43	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		12/16/22 08:30	12/20/22 13:43	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		12/16/22 08:30	12/20/22 13:43	1
4-Nitrophenol	ND		40	1.9	ug/L		12/16/22 08:30	12/20/22 13:43	1
Acenaphthene	ND		20	0.81	ug/L		12/16/22 08:30	12/20/22 13:43	1
Acenaphthylene	ND		20	0.87	ug/L		12/16/22 08:30	12/20/22 13:43	1
Aniline	7.0	J *	40	1.5	ug/L		12/16/22 08:30	12/20/22 13:43	1
Anthracene	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 13:43	1
Benzidine	ND	*	320	54	ug/L		12/16/22 08:30	12/20/22 13:43	1
Benzo[a]anthracene	ND		20	1.1	ug/L		12/16/22 08:30	12/20/22 13:43	1
Benzo[a]pyrene	ND		20	1.3	ug/L		12/16/22 08:30	12/20/22 13:43	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		12/16/22 08:30	12/20/22 13:43	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		12/16/22 08:30	12/20/22 13:43	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		12/16/22 08:30	12/20/22 13:43	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		12/16/22 08:30	12/20/22 13:43	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		12/16/22 08:30	12/20/22 13:43	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		12/16/22 08:30	12/20/22 13:43	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		12/16/22 08:30	12/20/22 13:43	1
Chrysene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		12/16/22 08:30	12/20/22 13:43	1
Diethyl phthalate	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
Dimethyl phthalate	ND		20	0.91	ug/L		12/16/22 08:30	12/20/22 13:43	1
Di-n-butyl phthalate	59		20	1.6	ug/L		12/16/22 08:30	12/20/22 13:43	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		12/16/22 08:30	12/20/22 13:43	1
Fluoranthene	ND		20	1.6	ug/L		12/16/22 08:30	12/20/22 13:43	1
Fluorene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
Hexachlorobenzene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
Hexachlorobutadiene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		12/16/22 08:30	12/20/22 13:43	1
Hexachloroethane	ND		20	0.60	ug/L		12/16/22 08:30	12/20/22 13:43	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		12/16/22 08:30	12/20/22 13:43	1
Isophorone	ND		20	0.74	ug/L		12/16/22 08:30	12/20/22 13:43	1
Naphthalene	ND		20	0.86	ug/L		12/16/22 08:30	12/20/22 13:43	1
Decane	ND		40	1.6	ug/L		12/16/22 08:30	12/20/22 13:43	1
Nitrobenzene	ND		20	0.81	ug/L		12/16/22 08:30	12/20/22 13:43	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		12/16/22 08:30	12/20/22 13:43	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		12/16/22 08:30	12/20/22 13:43	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		12/16/22 08:30	12/20/22 13:43	1
n-Octadecane	ND		40	1.2	ug/L		12/16/22 08:30	12/20/22 13:43	1
Pentachlorophenol	ND		40	3.2	ug/L		12/16/22 08:30	12/20/22 13:43	1
Phenanthrene	ND		20	1.2	ug/L		12/16/22 08:30	12/20/22 13:43	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-204688-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-204688-1

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

Method: 40CFR136A 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		20	0.35	ug/L		12/16/22 08:30	12/20/22 13:43	1
Pyrene	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 13:43	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	128		52 - 151	12/16/22 08:30	12/20/22 13:43	1
2-Fluorobiphenyl	112		44 - 120	12/16/22 08:30	12/20/22 13:43	1
2-Fluorophenol	66		17 - 120	12/16/22 08:30	12/20/22 13:43	1
Nitrobenzene-d5	77		15 - 314	12/16/22 08:30	12/20/22 13:43	1
Phenol-d5	52		8 - 424	12/16/22 08:30	12/20/22 13:43	1
p-Terphenyl-d14	105		22 - 125	12/16/22 08:30	12/20/22 13:43	1

Method: 40CFR136A 625.1 - Semivolatile Organic Compounds (GC/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	H	40	0.82	ug/L		12/21/22 08:29	12/22/22 14:50	1
1,2-Dichlorobenzene	ND	H	40	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
1,2-Diphenylhydrazine	ND	H	40	0.78	ug/L		12/21/22 08:29	12/22/22 14:50	1
1,3-Dichlorobenzene	ND	H	40	0.69	ug/L		12/21/22 08:29	12/22/22 14:50	1
1,4-Dichlorobenzene	ND	H	40	0.82	ug/L		12/21/22 08:29	12/22/22 14:50	1
2,2'-oxybis[1-chloropropane]	ND	H	20	0.84	ug/L		12/21/22 08:29	12/22/22 14:50	1
2,4,6-Trichlorophenol	ND	H	20	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
2,4-Dichlorophenol	ND	H	20	0.77	ug/L		12/21/22 08:29	12/22/22 14:50	1
2,4-Dimethylphenol	ND	H	20	1.4	ug/L		12/21/22 08:29	12/22/22 14:50	1
2,4-Dinitrophenol	ND	H	40	5.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
2,4-Dinitrotoluene	ND	H	20	1.6	ug/L		12/21/22 08:29	12/22/22 14:50	1
2-Chloronaphthalene	ND	H	20	0.91	ug/L		12/21/22 08:29	12/22/22 14:50	1
2-Chlorophenol	ND	H	20	0.66	ug/L		12/21/22 08:29	12/22/22 14:50	1
2-Nitrophenol	ND	H	20	0.70	ug/L		12/21/22 08:29	12/22/22 14:50	1
3,3'-Dichlorobenzidine	ND	H	20	1.6	ug/L		12/21/22 08:29	12/22/22 14:50	1
4,6-Dinitro-2-methylphenol	ND	H	40	1.8	ug/L		12/21/22 08:29	12/22/22 14:50	1
4-Bromophenyl phenyl ether	ND	H	20	1.4	ug/L		12/21/22 08:29	12/22/22 14:50	1
4-Chloro-3-methylphenol	ND	H	20	1.1	ug/L		12/21/22 08:29	12/22/22 14:50	1
4-Chlorophenyl phenyl ether	ND	H	20	1.3	ug/L		12/21/22 08:29	12/22/22 14:50	1
4-Nitrophenol	ND	H	40	1.9	ug/L		12/21/22 08:29	12/22/22 14:50	1
Acenaphthene	ND	H	20	0.81	ug/L		12/21/22 08:29	12/22/22 14:50	1
Acenaphthylene	ND	H	20	0.87	ug/L		12/21/22 08:29	12/22/22 14:50	1
Aniline	3.9	J H *- *1	40	1.5	ug/L		12/21/22 08:29	12/22/22 14:50	1
Anthracene	ND	H	20	1.4	ug/L		12/21/22 08:29	12/22/22 14:50	1
Benzidine	ND	H *- *1	320	54	ug/L		12/21/22 08:29	12/22/22 14:50	1
Benzo[a]anthracene	ND	H	20	1.1	ug/L		12/21/22 08:29	12/22/22 14:50	1
Benzo[a]pyrene	ND	H	20	1.3	ug/L		12/21/22 08:29	12/22/22 14:50	1
Benzo[b]fluoranthene	ND	H	20	1.2	ug/L		12/21/22 08:29	12/22/22 14:50	1
Benzo[g,h,i]perylene	ND	H	20	1.5	ug/L		12/21/22 08:29	12/22/22 14:50	1
Benzo[k]fluoranthene	ND	H	20	1.3	ug/L		12/21/22 08:29	12/22/22 14:50	1
Bis(2-chloroethoxy)methane	ND	H	20	0.75	ug/L		12/21/22 08:29	12/22/22 14:50	1
Bis(2-chloroethyl)ether	ND	H	20	0.93	ug/L		12/21/22 08:29	12/22/22 14:50	1
Bis(2-ethylhexyl) phthalate	ND	H	40	1.2	ug/L		12/21/22 08:29	12/22/22 14:50	1
Butyl benzyl phthalate	ND	H	20	1.1	ug/L		12/21/22 08:29	12/22/22 14:50	1
Chrysene	ND	H	20	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
Dibenz(a,h)anthracene	ND	H	20	1.5	ug/L		12/21/22 08:29	12/22/22 14:50	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-204688-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-204688-1

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

Method: 40CFR136A 625.1 - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND	H	20	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
Dimethyl phthalate	ND	H	20	0.91	ug/L		12/21/22 08:29	12/22/22 14:50	1
Di-n-butyl phthalate	45	H	20	1.6	ug/L		12/21/22 08:29	12/22/22 14:50	1
Di-n-octyl phthalate	ND	H	20	1.2	ug/L		12/21/22 08:29	12/22/22 14:50	1
Fluoranthene	ND	H	20	1.6	ug/L		12/21/22 08:29	12/22/22 14:50	1
Fluorene	ND	H	20	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
Hexachlorobenzene	ND	H	20	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
Hexachlorobutadiene	ND	H	20	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1
Hexachlorocyclopentadiene	ND	H	20	2.1	ug/L		12/21/22 08:29	12/22/22 14:50	1
Hexachloroethane	ND	H	20	0.60	ug/L		12/21/22 08:29	12/22/22 14:50	1
Indeno[1,2,3-cd]pyrene	ND	H	20	1.5	ug/L		12/21/22 08:29	12/22/22 14:50	1
Isophorone	ND	H	20	0.74	ug/L		12/21/22 08:29	12/22/22 14:50	1
Naphthalene	ND	H	20	0.86	ug/L		12/21/22 08:29	12/22/22 14:50	1
Decane	ND	H	40	1.6	ug/L		12/21/22 08:29	12/22/22 14:50	1
Nitrobenzene	ND	H	20	0.81	ug/L		12/21/22 08:29	12/22/22 14:50	1
N-Nitrosodimethylamine	ND	H	40	0.57	ug/L		12/21/22 08:29	12/22/22 14:50	1
N-Nitrosodi-n-propylamine	ND	H	20	0.89	ug/L		12/21/22 08:29	12/22/22 14:50	1
N-Nitrosodiphenylamine	ND	H	20	0.82	ug/L		12/21/22 08:29	12/22/22 14:50	1
n-Octadecane	ND	H	40	1.2	ug/L		12/21/22 08:29	12/22/22 14:50	1
Pentachlorophenol	ND	H	40	3.2	ug/L		12/21/22 08:29	12/22/22 14:50	1
Phenanthrene	ND	H	20	1.2	ug/L		12/21/22 08:29	12/22/22 14:50	1
Phenol	ND	H	20	0.35	ug/L		12/21/22 08:29	12/22/22 14:50	1
Pyrene	ND	H	20	1.4	ug/L		12/21/22 08:29	12/22/22 14:50	1
2,6-Dinitrotoluene	ND	H	20	1.0	ug/L		12/21/22 08:29	12/22/22 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	121		52 - 151	12/21/22 08:29	12/22/22 14:50	1
2-Fluorobiphenyl	108		44 - 120	12/21/22 08:29	12/22/22 14:50	1
2-Fluorophenol	65		17 - 120	12/21/22 08:29	12/22/22 14:50	1
Nitrobenzene-d5	78		15 - 314	12/21/22 08:29	12/22/22 14:50	1
Phenol-d5	48		8 - 424	12/21/22 08:29	12/22/22 14:50	1
p-Terphenyl-d14	95		22 - 125	12/21/22 08:29	12/22/22 14:50	1

Method: 40CFR136A 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.57	0.36	ug/L		12/15/22 09:06	12/18/22 18:29	10
PCB-1221	ND		0.57	0.36	ug/L		12/15/22 09:06	12/18/22 18:29	10
PCB-1232	ND		0.57	0.36	ug/L		12/15/22 09:06	12/18/22 18:29	10
PCB-1242	ND		0.57	0.36	ug/L		12/15/22 09:06	12/18/22 18:29	10
PCB-1248	ND		0.57	0.36	ug/L		12/15/22 09:06	12/18/22 18:29	10
PCB-1254	ND		0.57	0.30	ug/L		12/15/22 09:06	12/18/22 18:29	10
PCB-1260	ND		0.57	0.30	ug/L		12/15/22 09:06	12/18/22 18:29	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		36 - 121	12/15/22 09:06	12/18/22 18:29	10
Tetrachloro-m-xylene	69		42 - 135	12/15/22 09:06	12/18/22 18:29	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0027	J	0.0040	0.0010	mg/L		12/14/22 09:20	12/16/22 13:51	1

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Client Sample Results

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

Job ID: 480-204688-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-204688-1

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0038	J	0.010	0.0016	mg/L		12/14/22 09:20	12/16/22 13:51	1
Lead	0.0071	J	0.010	0.0030	mg/L		12/14/22 09:20	12/16/22 13:51	1
Nickel	0.0014	J	0.010	0.0013	mg/L		12/14/22 09:20	12/20/22 18:39	1
Zinc	0.0043	J	0.010	0.0015	mg/L		12/14/22 09:20	12/16/22 13:51	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/14/22 11:31	12/14/22 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (MCAWW 420.4)	0.017		0.010	0.0035	mg/L			12/16/22 09:12	1
Cyanide, Amenable (SM 4500 CN G)	0.020		0.010	0.0050	mg/L			12/20/22 12:12	1
Phosphorus (SM 4500 P E)	0.58	B	0.010	0.0050	mg/L as P			12/22/22 14:37	1
Biochemical Oxygen Demand (SM 5210B)	ND		3.0	3.0	mg/L			12/13/22 23:40	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	36.8		4.0	4.0	mg/L			12/19/22 10:51	1
pH (SM 4500 H+ B)	8.4	HF	0.1	0.1	SU			12/13/22 16:54	1
Temperature (SM 4500 H+ B)	21.8	HF	0.001	0.001	Degrees C			12/13/22 16:54	1

Client Sample Results

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

Job ID: 480-204688-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-204688-2

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			12/13/22 14:26	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/13/22 14:26	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/13/22 14:26	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/13/22 14:26	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/13/22 14:26	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/13/22 14:26	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/13/22 14:26	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/13/22 14:26	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/13/22 14:26	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/13/22 14:26	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/13/22 14:26	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/13/22 14:26	1
Acrolein	ND		100	17	ug/L			12/13/22 14:26	1
Acrylonitrile	ND		50	1.9	ug/L			12/13/22 14:26	1
Benzene	ND		5.0	0.60	ug/L			12/13/22 14:26	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/13/22 14:26	1
Bromoform	ND		5.0	0.47	ug/L			12/13/22 14:26	1
Bromomethane	ND		5.0	1.2	ug/L			12/13/22 14:26	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/13/22 14:26	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/13/22 14:26	1
Chloroethane	ND		5.0	0.87	ug/L			12/13/22 14:26	1
Chloroform	ND		5.0	0.54	ug/L			12/13/22 14:26	1
Chloromethane	ND		5.0	0.64	ug/L			12/13/22 14:26	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/13/22 14:26	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/13/22 14:26	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/13/22 14:26	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/13/22 14:26	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/13/22 14:26	1
Toluene	ND		5.0	0.45	ug/L			12/13/22 14:26	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/13/22 14:26	1
Trichloroethene	ND		5.0	0.60	ug/L			12/13/22 14:26	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/13/22 14:26	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/13/22 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		12/13/22 14:26	1
4-Bromofluorobenzene (Surr)	98		76 - 123		12/13/22 14:26	1
Dibromofluoromethane (Surr)	104		75 - 123		12/13/22 14:26	1
Toluene-d8 (Surr)	95		77 - 120		12/13/22 14:26	1

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Surrogate Summary

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

Job ID: 480-204688-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-204688-1	BCC BSA SUMP	99	98	101	95
480-204688-2	TRIP BLANK	101	98	104	95
LCS 480-653199/6	Lab Control Sample	99	97	103	95
MB 480-653199/8	Method Blank	105	99	105	94

Surrogate Legend

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

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-204688-1	BCC BSA SUMP	128	112	66	77	52	105
480-204688-1 - RE	BCC BSA SUMP	121	108	65	78	48	95
LCS 480-653679/2-A	Lab Control Sample	111	92	57	72	58	106
LCS 480-654155/2-A	Lab Control Sample	120	91	64	79	56	108
LCSD 480-653679/3-A	Lab Control Sample Dup	118	98	58	76	53	121
LCSD 480-654155/3-A	Lab Control Sample Dup	125	94	68	85	59	115
MB 480-653679/1-A	Method Blank	103	99	63	76	57	107
MB 480-654155/1-A	Method Blank	91	97	66	77	52	119

Surrogate Legend

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

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2 (36-121)	TCX2 (42-135)
480-204688-1	BCC BSA SUMP	57	69
LCS 480-653548/2-A	Lab Control Sample	37	71
LCSD 480-653548/3-A	Lab Control Sample Dup	37	61

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.

Job ID: 480-204688-1

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

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCBP1 (36-121)	TCX1 (42-135)
MB 480-653548/1-A	Method Blank	47	73
Surrogate Legend			
DCBP = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

QC Sample Results

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

Job ID: 480-204688-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-653199/8

Matrix: Water

Analysis Batch: 653199

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			12/13/22 13:20	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/13/22 13:20	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/13/22 13:20	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/13/22 13:20	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/13/22 13:20	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/13/22 13:20	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/13/22 13:20	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/13/22 13:20	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/13/22 13:20	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/13/22 13:20	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/13/22 13:20	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/13/22 13:20	1
Acrolein	ND		100	17	ug/L			12/13/22 13:20	1
Acrylonitrile	ND		50	1.9	ug/L			12/13/22 13:20	1
Benzene	ND		5.0	0.60	ug/L			12/13/22 13:20	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/13/22 13:20	1
Bromoform	ND		5.0	0.47	ug/L			12/13/22 13:20	1
Bromomethane	ND		5.0	1.2	ug/L			12/13/22 13:20	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/13/22 13:20	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/13/22 13:20	1
Chloroethane	ND		5.0	0.87	ug/L			12/13/22 13:20	1
Chloroform	ND		5.0	0.54	ug/L			12/13/22 13:20	1
Chloromethane	ND		5.0	0.64	ug/L			12/13/22 13:20	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/13/22 13:20	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/13/22 13:20	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/13/22 13:20	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/13/22 13:20	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/13/22 13:20	1
Toluene	ND		5.0	0.45	ug/L			12/13/22 13:20	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/13/22 13:20	1
Trichloroethene	ND		5.0	0.60	ug/L			12/13/22 13:20	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/13/22 13:20	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/13/22 13:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 130		12/13/22 13:20	1
4-Bromofluorobenzene (Surr)	99		76 - 123		12/13/22 13:20	1
Dibromofluoromethane (Surr)	105		75 - 123		12/13/22 13:20	1
Toluene-d8 (Surr)	94		77 - 120		12/13/22 13:20	1

Lab Sample ID: LCS 480-653199/6

Matrix: Water

Analysis Batch: 653199

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	22.4		ug/L		112	52 - 162
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/L		89	46 - 157
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	52 - 150

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QC Sample Results

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

Job ID: 480-204688-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-653199/6

Matrix: Water

Analysis Batch: 653199

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	21.2		ug/L		106	59 - 155
1,1-Dichloroethene	20.0	17.1		ug/L		86	1 - 234
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	18 - 190
1,2-Dichloroethane	20.0	21.1		ug/L		106	49 - 155
1,2-Dichloropropane	20.0	21.3		ug/L		107	1 - 210
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	59 - 156
1,4-Dichlorobenzene	20.0	19.5		ug/L		97	18 - 190
2-Chloroethyl vinyl ether	20.0	20.8	J	ug/L		104	1 - 305
Benzene	20.0	21.0		ug/L		105	37 - 151
Bromodichloromethane	20.0	21.8		ug/L		109	35 - 155
Bromoform	20.0	21.4		ug/L		107	45 - 169
Bromomethane	20.0	19.9		ug/L		99	1 - 242
Carbon tetrachloride	20.0	22.1		ug/L		110	70 - 140
Chlorobenzene	20.0	19.8		ug/L		99	37 - 160
Chloroethane	20.0	19.9		ug/L		100	14 - 230
Chloroform	20.0	20.9		ug/L		105	51 - 138
Chloromethane	20.0	25.1		ug/L		125	1 - 273
cis-1,3-Dichloropropene	20.0	21.5		ug/L		107	1 - 227
Dibromochloromethane	20.0	20.7		ug/L		103	53 - 149
Ethylbenzene	20.0	19.8		ug/L		99	37 - 162
Methylene Chloride	20.0	18.2		ug/L		91	1 - 221
Tetrachloroethene	20.0	20.4		ug/L		102	64 - 148
Toluene	20.0	19.7		ug/L		98	47 - 150
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	17 - 183
Trichloroethene	20.0	21.5		ug/L		108	71 - 157
Trichlorofluoromethane	20.0	21.6		ug/L		108	17 - 181
Vinyl chloride	20.0	21.9		ug/L		110	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 130
4-Bromofluorobenzene (Surr)	97		76 - 123
Dibromofluoromethane (Surr)	103		75 - 123
Toluene-d8 (Surr)	95		77 - 120

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-653679/1-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 653679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		12/16/22 08:30	12/20/22 12:19	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		12/16/22 08:30	12/20/22 12:19	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		12/16/22 08:30	12/20/22 12:19	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		12/16/22 08:30	12/20/22 12:19	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		12/16/22 08:30	12/20/22 12:19	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		12/16/22 08:30	12/20/22 12:19	1

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QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-653679/1-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 653679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 12:19	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		12/16/22 08:30	12/20/22 12:19	1
2-Chloronaphthalene	ND		20	0.91	ug/L		12/16/22 08:30	12/20/22 12:19	1
2-Chlorophenol	ND		20	0.66	ug/L		12/16/22 08:30	12/20/22 12:19	1
2-Nitrophenol	ND		20	0.70	ug/L		12/16/22 08:30	12/20/22 12:19	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		12/16/22 08:30	12/20/22 12:19	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		12/16/22 08:30	12/20/22 12:19	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 12:19	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		12/16/22 08:30	12/20/22 12:19	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		12/16/22 08:30	12/20/22 12:19	1
4-Nitrophenol	ND		40	1.9	ug/L		12/16/22 08:30	12/20/22 12:19	1
Acenaphthene	ND		20	0.81	ug/L		12/16/22 08:30	12/20/22 12:19	1
Acenaphthylene	ND		20	0.87	ug/L		12/16/22 08:30	12/20/22 12:19	1
Aniline	ND		40	1.5	ug/L		12/16/22 08:30	12/20/22 12:19	1
Anthracene	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 12:19	1
Benzdine	ND		320	54	ug/L		12/16/22 08:30	12/20/22 12:19	1
Benzo[a]anthracene	ND		20	1.1	ug/L		12/16/22 08:30	12/20/22 12:19	1
Benzo[a]pyrene	ND		20	1.3	ug/L		12/16/22 08:30	12/20/22 12:19	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		12/16/22 08:30	12/20/22 12:19	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		12/16/22 08:30	12/20/22 12:19	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		12/16/22 08:30	12/20/22 12:19	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		12/16/22 08:30	12/20/22 12:19	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		12/16/22 08:30	12/20/22 12:19	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		12/16/22 08:30	12/20/22 12:19	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		12/16/22 08:30	12/20/22 12:19	1
Chrysene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		12/16/22 08:30	12/20/22 12:19	1
Diethyl phthalate	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
Dimethyl phthalate	ND		20	0.91	ug/L		12/16/22 08:30	12/20/22 12:19	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		12/16/22 08:30	12/20/22 12:19	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		12/16/22 08:30	12/20/22 12:19	1
Fluoranthene	ND		20	1.6	ug/L		12/16/22 08:30	12/20/22 12:19	1
Fluorene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
Hexachlorobenzene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
Hexachlorobutadiene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		12/16/22 08:30	12/20/22 12:19	1
Hexachloroethane	ND		20	0.60	ug/L		12/16/22 08:30	12/20/22 12:19	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		12/16/22 08:30	12/20/22 12:19	1
Isophorone	ND		20	0.74	ug/L		12/16/22 08:30	12/20/22 12:19	1
Naphthalene	ND		20	0.86	ug/L		12/16/22 08:30	12/20/22 12:19	1
Decane	ND		40	1.6	ug/L		12/16/22 08:30	12/20/22 12:19	1
Nitrobenzene	ND		20	0.81	ug/L		12/16/22 08:30	12/20/22 12:19	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		12/16/22 08:30	12/20/22 12:19	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		12/16/22 08:30	12/20/22 12:19	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		12/16/22 08:30	12/20/22 12:19	1
n-Octadecane	ND		40	1.2	ug/L		12/16/22 08:30	12/20/22 12:19	1
Pentachlorophenol	ND		40	3.2	ug/L		12/16/22 08:30	12/20/22 12:19	1
Phenanthrene	ND		20	1.2	ug/L		12/16/22 08:30	12/20/22 12:19	1

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QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-653679/1-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 653679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		20	0.35	ug/L		12/16/22 08:30	12/20/22 12:19	1
Pyrene	ND		20	1.4	ug/L		12/16/22 08:30	12/20/22 12:19	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		12/16/22 08:30	12/20/22 12:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 151	12/16/22 08:30	12/20/22 12:19	1
2-Fluorobiphenyl	99		44 - 120	12/16/22 08:30	12/20/22 12:19	1
2-Fluorophenol	63		17 - 120	12/16/22 08:30	12/20/22 12:19	1
Nitrobenzene-d5	76		15 - 314	12/16/22 08:30	12/20/22 12:19	1
Phenol-d5	57		8 - 424	12/16/22 08:30	12/20/22 12:19	1
p-Terphenyl-d14	107		22 - 125	12/16/22 08:30	12/20/22 12:19	1

Lab Sample ID: LCS 480-653679/2-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 653679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	21.4	J	ug/L		67	44 - 142
1,2-Dichlorobenzene	32.0	16.9	J	ug/L		53	32 - 129
1,3-Dichlorobenzene	32.0	17.2	J	ug/L		54	1 - 172
1,4-Dichlorobenzene	32.0	15.7	J	ug/L		49	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	15.0	J	ug/L		47	36 - 166
2,4,6-Trichlorophenol	32.0	29.1		ug/L		91	37 - 144
2,4-Dichlorophenol	32.0	30.4		ug/L		95	39 - 135
2,4-Dimethylphenol	32.0	26.9		ug/L		84	32 - 120
2,4-Dinitrophenol	64.0	64.8		ug/L		101	1 - 191
2,4-Dinitrotoluene	32.0	31.2		ug/L		97	39 - 139
2-Chloronaphthalene	32.0	25.7		ug/L		80	60 - 120
2-Chlorophenol	32.0	23.3		ug/L		73	23 - 134
2-Nitrophenol	32.0	24.8		ug/L		78	29 - 182
3,3'-Dichlorobenzidine	64.0	53.8		ug/L		84	1 - 262
4,6-Dinitro-2-methylphenol	64.0	60.2		ug/L		94	1 - 181
4-Bromophenyl phenyl ether	32.0	32.3		ug/L		101	53 - 127
4-Chloro-3-methylphenol	32.0	29.7		ug/L		93	22 - 147
4-Chlorophenyl phenyl ether	32.0	33.4		ug/L		105	25 - 158
4-Nitrophenol	64.0	63.2		ug/L		99	1 - 132
Acenaphthene	32.0	27.0		ug/L		84	47 - 145
Acenaphthylene	32.0	27.0		ug/L		85	33 - 145
Aniline	32.0	9.71	J *	ug/L		30	40 - 120
Anthracene	32.0	32.5		ug/L		101	27 - 133
Benzo[a]anthracene	32.0	29.9		ug/L		93	33 - 143
Benzo[a]pyrene	32.0	32.1		ug/L		100	17 - 163
Benzo[b]fluoranthene	32.0	34.7		ug/L		109	24 - 159
Benzo[g,h,i]perylene	32.0	33.5		ug/L		105	1 - 219
Benzo[k]fluoranthene	32.0	32.9		ug/L		103	11 - 162
Bis(2-chloroethoxy)methane	32.0	24.2		ug/L		76	33 - 184
Bis(2-chloroethyl)ether	32.0	24.2		ug/L		76	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	25.2	J	ug/L		79	8 - 158

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QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-653679/2-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 653679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Butyl benzyl phthalate	32.0	25.6		ug/L		80	1 - 152
Chrysene	32.0	30.5		ug/L		95	17 - 168
Dibenz(a,h)anthracene	32.0	34.7		ug/L		109	1 - 227
Diethyl phthalate	32.0	30.9		ug/L		97	1 - 120
Dimethyl phthalate	32.0	29.7		ug/L		93	1 - 120
Di-n-butyl phthalate	32.0	29.8		ug/L		93	1 - 120
Di-n-octyl phthalate	32.0	26.3		ug/L		82	4 - 146
Fluoranthene	32.0	30.7		ug/L		96	26 - 137
Fluorene	32.0	29.5		ug/L		92	59 - 121
Hexachlorobenzene	32.0	33.0		ug/L		103	1 - 152
Hexachlorocyclopentadiene	32.0	17.4	J	ug/L		54	5 - 120
Hexachloroethane	32.0	13.6	J	ug/L		42	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.9		ug/L		106	1 - 171
Isophorone	32.0	23.5		ug/L		73	21 - 196
Naphthalene	32.0	25.8		ug/L		80	21 - 133
Nitrobenzene	32.0	20.3		ug/L		64	35 - 180
N-Nitrosodi-n-propylamine	32.0	21.6		ug/L		67	1 - 230
N-Nitrosodiphenylamine	32.0	30.3		ug/L		95	54 - 125
Pentachlorophenol	64.0	54.3		ug/L		85	14 - 176
Phenanthrene	32.0	27.7		ug/L		87	54 - 120
Phenol	32.0	17.9	J	ug/L		56	5 - 120
Pyrene	32.0	29.5		ug/L		92	52 - 120
2,6-Dinitrotoluene	32.0	31.3		ug/L		98	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	111		52 - 151
2-Fluorobiphenyl	92		44 - 120
2-Fluorophenol	57		17 - 120
Nitrobenzene-d5	72		15 - 314
Phenol-d5	58		8 - 424
p-Terphenyl-d14	106		22 - 125

Lab Sample ID: LCSD 480-653679/3-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 653679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	23.7	J	ug/L		74	44 - 142	10	34
1,2-Dichlorobenzene	32.0	19.9	J	ug/L		62	32 - 129	16	38
1,3-Dichlorobenzene	32.0	18.1	J	ug/L		56	1 - 172	5	37
1,4-Dichlorobenzene	32.0	18.4	J	ug/L		58	20 - 124	16	40
2,2'-oxybis[1-chloropropane]	32.0	17.4	J	ug/L		54	36 - 166	15	36
2,4,6-Trichlorophenol	32.0	29.6		ug/L		93	37 - 144	2	20
2,4-Dichlorophenol	32.0	32.5		ug/L		102	39 - 135	7	23
2,4-Dimethylphenol	32.0	31.3		ug/L		98	32 - 120	15	18
2,4-Dinitrophenol	64.0	70.1		ug/L		110	1 - 191	8	29
2,4-Dinitrotoluene	32.0	32.8		ug/L		103	39 - 139	5	20
2-Chloronaphthalene	32.0	27.1		ug/L		85	60 - 120	5	30

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QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-653679/3-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 653679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol	32.0	24.7		ug/L		77	23 - 134	6	26
2-Nitrophenol	32.0	28.1		ug/L		88	29 - 182	12	28
3,3'-Dichlorobenzidine	64.0	62.9		ug/L		98	1 - 262	16	31
4,6-Dinitro-2-methylphenol	64.0	68.2		ug/L		107	1 - 181	12	30
4-Bromophenyl phenyl ether	32.0	35.1		ug/L		110	53 - 127	8	16
4-Chloro-3-methylphenol	32.0	31.2		ug/L		97	22 - 147	5	16
4-Chlorophenyl phenyl ether	32.0	34.6		ug/L		108	25 - 158	3	15
4-Nitrophenol	64.0	66.1		ug/L		103	1 - 132	4	24
Acenaphthene	32.0	29.5		ug/L		92	47 - 145	9	25
Acenaphthylene	32.0	30.2		ug/L		94	33 - 145	11	22
Aniline	32.0	11.2	J *	ug/L		35	40 - 120	14	30
Anthracene	32.0	34.9		ug/L		109	27 - 133	7	15
Benzo[a]anthracene	32.0	32.8		ug/L		103	33 - 143	9	15
Benzo[a]pyrene	32.0	33.4		ug/L		104	17 - 163	4	15
Benzo[b]fluoranthene	32.0	35.9		ug/L		112	24 - 159	3	17
Benzo[g,h,i]perylene	32.0	34.2		ug/L		107	1 - 219	2	19
Benzo[k]fluoranthene	32.0	33.7		ug/L		105	11 - 162	2	19
Bis(2-chloroethoxy)methane	32.0	26.7		ug/L		83	33 - 184	10	23
Bis(2-chloroethyl)ether	32.0	26.4		ug/L		82	12 - 158	9	33
Bis(2-ethylhexyl) phthalate	32.0	27.7	J	ug/L		87	8 - 158	10	15
Butyl benzyl phthalate	32.0	29.2		ug/L		91	1 - 152	13	15
Chrysene	32.0	33.3		ug/L		104	17 - 168	9	15
Dibenz(a,h)anthracene	32.0	36.1		ug/L		113	1 - 227	4	18
Diethyl phthalate	32.0	33.7		ug/L		105	1 - 120	9	15
Dimethyl phthalate	32.0	32.4		ug/L		101	1 - 120	9	15
Di-n-butyl phthalate	32.0	31.7		ug/L		99	1 - 120	6	15
Di-n-octyl phthalate	32.0	29.6		ug/L		92	4 - 146	12	15
Fluoranthene	32.0	34.9		ug/L		109	26 - 137	13	15
Fluorene	32.0	31.5		ug/L		98	59 - 121	6	18
Hexachlorobenzene	32.0	36.0		ug/L		113	1 - 152	9	15
Hexachlorocyclopentadiene	32.0	19.3	J	ug/L		60	5 - 120	11	50
Hexachloroethane	32.0	15.8	J	ug/L		49	40 - 120	15	43
Indeno[1,2,3-cd]pyrene	32.0	35.2		ug/L		110	1 - 171	4	17
Isophorone	32.0	26.7		ug/L		84	21 - 196	13	21
Naphthalene	32.0	27.4		ug/L		86	21 - 133	6	31
Nitrobenzene	32.0	23.2		ug/L		72	35 - 180	13	27
N-Nitrosodi-n-propylamine	32.0	25.8		ug/L		81	1 - 230	18	23
N-Nitrosodiphenylamine	32.0	32.0		ug/L		100	54 - 125	5	15
Pentachlorophenol	64.0	60.1		ug/L		94	14 - 176	10	21
Phenanthrene	32.0	29.7		ug/L		93	54 - 120	7	16
Phenol	32.0	17.2	J	ug/L		54	5 - 120	4	36
Pyrene	32.0	32.4		ug/L		101	52 - 120	9	15
2,6-Dinitrotoluene	32.0	31.8		ug/L		99	50 - 158	1	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	118		52 - 151
2-Fluorobiphenyl	98		44 - 120
2-Fluorophenol	58		17 - 120

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-653679/3-A

Matrix: Water

Analysis Batch: 653998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 653679

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Nitrobenzene-d5	76		15 - 314
Phenol-d5	53		8 - 424
p-Terphenyl-d14	121		22 - 125

Lab Sample ID: MB 480-654155/1-A

Matrix: Water

Analysis Batch: 654313

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 654155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		12/21/22 08:29	12/22/22 12:19	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		12/21/22 08:29	12/22/22 12:19	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		12/21/22 08:29	12/22/22 12:19	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		12/21/22 08:29	12/22/22 12:19	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		12/21/22 08:29	12/22/22 12:19	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		12/21/22 08:29	12/22/22 12:19	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		12/21/22 08:29	12/22/22 12:19	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		12/21/22 08:29	12/22/22 12:19	1
2-Chloronaphthalene	ND		20	0.91	ug/L		12/21/22 08:29	12/22/22 12:19	1
2-Chlorophenol	ND		20	0.66	ug/L		12/21/22 08:29	12/22/22 12:19	1
2-Nitrophenol	ND		20	0.70	ug/L		12/21/22 08:29	12/22/22 12:19	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		12/21/22 08:29	12/22/22 12:19	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		12/21/22 08:29	12/22/22 12:19	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		12/21/22 08:29	12/22/22 12:19	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		12/21/22 08:29	12/22/22 12:19	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		12/21/22 08:29	12/22/22 12:19	1
4-Nitrophenol	ND		40	1.9	ug/L		12/21/22 08:29	12/22/22 12:19	1
Acenaphthene	ND		20	0.81	ug/L		12/21/22 08:29	12/22/22 12:19	1
Acenaphthylene	ND		20	0.87	ug/L		12/21/22 08:29	12/22/22 12:19	1
Aniline	ND		40	1.5	ug/L		12/21/22 08:29	12/22/22 12:19	1
Anthracene	ND		20	1.4	ug/L		12/21/22 08:29	12/22/22 12:19	1
Benzidine	ND		320	54	ug/L		12/21/22 08:29	12/22/22 12:19	1
Benzo[a]anthracene	ND		20	1.1	ug/L		12/21/22 08:29	12/22/22 12:19	1
Benzo[a]pyrene	ND		20	1.3	ug/L		12/21/22 08:29	12/22/22 12:19	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		12/21/22 08:29	12/22/22 12:19	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		12/21/22 08:29	12/22/22 12:19	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		12/21/22 08:29	12/22/22 12:19	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		12/21/22 08:29	12/22/22 12:19	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		12/21/22 08:29	12/22/22 12:19	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		12/21/22 08:29	12/22/22 12:19	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		12/21/22 08:29	12/22/22 12:19	1
Chrysene	ND		20	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		12/21/22 08:29	12/22/22 12:19	1
Diethyl phthalate	ND		20	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
Dimethyl phthalate	ND		20	0.91	ug/L		12/21/22 08:29	12/22/22 12:19	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		12/21/22 08:29	12/22/22 12:19	1

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QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-654155/1-A

Matrix: Water

Analysis Batch: 654313

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 654155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		20	1.2	ug/L		12/21/22 08:29	12/22/22 12:19	1
Fluoranthene	ND		20	1.6	ug/L		12/21/22 08:29	12/22/22 12:19	1
Fluorene	ND		20	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
Hexachlorobenzene	ND		20	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
Hexachlorobutadiene	ND		20	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		12/21/22 08:29	12/22/22 12:19	1
Hexachloroethane	ND		20	0.60	ug/L		12/21/22 08:29	12/22/22 12:19	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		12/21/22 08:29	12/22/22 12:19	1
Isophorone	ND		20	0.74	ug/L		12/21/22 08:29	12/22/22 12:19	1
Naphthalene	ND		20	0.86	ug/L		12/21/22 08:29	12/22/22 12:19	1
Decane	ND		40	1.6	ug/L		12/21/22 08:29	12/22/22 12:19	1
Nitrobenzene	ND		20	0.81	ug/L		12/21/22 08:29	12/22/22 12:19	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		12/21/22 08:29	12/22/22 12:19	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		12/21/22 08:29	12/22/22 12:19	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		12/21/22 08:29	12/22/22 12:19	1
n-Octadecane	ND		40	1.2	ug/L		12/21/22 08:29	12/22/22 12:19	1
Pentachlorophenol	ND		40	3.2	ug/L		12/21/22 08:29	12/22/22 12:19	1
Phenanthrene	ND		20	1.2	ug/L		12/21/22 08:29	12/22/22 12:19	1
Phenol	ND		20	0.35	ug/L		12/21/22 08:29	12/22/22 12:19	1
Pyrene	ND		20	1.4	ug/L		12/21/22 08:29	12/22/22 12:19	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		12/21/22 08:29	12/22/22 12:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 151	12/21/22 08:29	12/22/22 12:19	1
2-Fluorobiphenyl	97		44 - 120	12/21/22 08:29	12/22/22 12:19	1
2-Fluorophenol	66		17 - 120	12/21/22 08:29	12/22/22 12:19	1
Nitrobenzene-d5	77		15 - 314	12/21/22 08:29	12/22/22 12:19	1
Phenol-d5	52		8 - 424	12/21/22 08:29	12/22/22 12:19	1
p-Terphenyl-d14	119		22 - 125	12/21/22 08:29	12/22/22 12:19	1

Lab Sample ID: LCS 480-654155/2-A

Matrix: Water

Analysis Batch: 654313

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 654155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	25.1	J	ug/L		79	44 - 142
1,2-Dichlorobenzene	32.0	22.8	J	ug/L		71	32 - 129
1,3-Dichlorobenzene	32.0	20.1	J	ug/L		63	1 - 172
1,4-Dichlorobenzene	32.0	21.7	J	ug/L		68	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	18.8	J	ug/L		59	36 - 166
2,4,6-Trichlorophenol	32.0	27.5		ug/L		86	37 - 144
2,4-Dichlorophenol	32.0	29.1		ug/L		91	39 - 135
2,4-Dimethylphenol	32.0	28.0		ug/L		88	32 - 120
2,4-Dinitrophenol	64.0	61.3		ug/L		96	1 - 191
2,4-Dinitrotoluene	32.0	30.1		ug/L		94	39 - 139
2-Chloronaphthalene	32.0	25.6		ug/L		80	60 - 120
2-Chlorophenol	32.0	26.6		ug/L		83	23 - 134
2-Nitrophenol	32.0	29.7		ug/L		93	29 - 182

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QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-654155/2-A

Matrix: Water

Analysis Batch: 654313

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 654155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3,3'-Dichlorobenzidine	64.0	55.8		ug/L		87	1 - 262
4,6-Dinitro-2-methylphenol	64.0	74.3		ug/L		116	1 - 181
4-Bromophenyl phenyl ether	32.0	34.8		ug/L		109	53 - 127
4-Chloro-3-methylphenol	32.0	30.2		ug/L		94	22 - 147
4-Chlorophenyl phenyl ether	32.0	33.3		ug/L		104	25 - 158
4-Nitrophenol	64.0	54.0		ug/L		84	1 - 132
Acenaphthene	32.0	26.9		ug/L		84	47 - 145
Acenaphthylene	32.0	28.1		ug/L		88	33 - 145
Aniline	32.0	11.3	J *	ug/L		35	40 - 120
Anthracene	32.0	33.0		ug/L		103	27 - 133
Benzo[a]anthracene	32.0	29.7		ug/L		93	33 - 143
Benzo[a]pyrene	32.0	30.3		ug/L		95	17 - 163
Benzo[b]fluoranthene	32.0	32.1		ug/L		100	24 - 159
Benzo[g,h,i]perylene	32.0	32.2		ug/L		101	1 - 219
Benzo[k]fluoranthene	32.0	29.3		ug/L		91	11 - 162
Bis(2-chloroethoxy)methane	32.0	25.1		ug/L		78	33 - 184
Bis(2-chloroethyl)ether	32.0	28.5		ug/L		89	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	25.0	J	ug/L		78	8 - 158
Butyl benzyl phthalate	32.0	24.6		ug/L		77	1 - 152
Chrysene	32.0	30.0		ug/L		94	17 - 168
Dibenz(a,h)anthracene	32.0	32.3		ug/L		101	1 - 227
Diethyl phthalate	32.0	30.7		ug/L		96	1 - 120
Dimethyl phthalate	32.0	29.5		ug/L		92	1 - 120
Di-n-butyl phthalate	32.0	31.6		ug/L		99	1 - 120
Di-n-octyl phthalate	32.0	26.8		ug/L		84	4 - 146
Fluoranthene	32.0	33.3		ug/L		104	26 - 137
Fluorene	32.0	28.7		ug/L		90	59 - 121
Hexachlorobenzene	32.0	34.1		ug/L		107	1 - 152
Hexachlorocyclopentadiene	32.0	19.2	J	ug/L		60	5 - 120
Hexachloroethane	32.0	18.1	J	ug/L		56	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	34.5		ug/L		108	1 - 171
Isophorone	32.0	24.1		ug/L		75	21 - 196
Naphthalene	32.0	28.0		ug/L		88	21 - 133
Nitrobenzene	32.0	24.2		ug/L		76	35 - 180
N-Nitrosodi-n-propylamine	32.0	22.4		ug/L		70	1 - 230
N-Nitrosodiphenylamine	32.0	31.7		ug/L		99	54 - 125
Pentachlorophenol	64.0	62.2		ug/L		97	14 - 176
Phenanthrene	32.0	29.1		ug/L		91	54 - 120
Phenol	32.0	18.2	J	ug/L		57	5 - 120
Pyrene	32.0	29.0		ug/L		91	52 - 120
2,6-Dinitrotoluene	32.0	29.4		ug/L		92	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	120		52 - 151
2-Fluorobiphenyl	91		44 - 120
2-Fluorophenol	64		17 - 120
Nitrobenzene-d5	79		15 - 314
Phenol-d5	56		8 - 424

QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-654155/2-A

Matrix: Water

Analysis Batch: 654313

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 654155

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl-d14	108		22 - 125

Lab Sample ID: LCSD 480-654155/3-A

Matrix: Water

Analysis Batch: 654313

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 654155

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	25.9	J	ug/L		81	44 - 142	3	34
1,2-Dichlorobenzene	32.0	23.8	J	ug/L		74	32 - 129	4	38
1,3-Dichlorobenzene	32.0	22.6	J	ug/L		71	1 - 172	12	37
1,4-Dichlorobenzene	32.0	23.5	J	ug/L		74	20 - 124	8	40
2,2'-oxybis[1-chloropropane]	32.0	20.2		ug/L		63	36 - 166	7	36
2,4,6-Trichlorophenol	32.0	30.6		ug/L		95	37 - 144	11	20
2,4-Dichlorophenol	32.0	32.5		ug/L		102	39 - 135	11	23
2,4-Dimethylphenol	32.0	30.9		ug/L		96	32 - 120	10	18
2,4-Dinitrophenol	64.0	65.5		ug/L		102	1 - 191	7	29
2,4-Dinitrotoluene	32.0	31.7		ug/L		99	39 - 139	5	20
2-Chloronaphthalene	32.0	27.4		ug/L		85	60 - 120	6	30
2-Chlorophenol	32.0	29.4		ug/L		92	23 - 134	10	26
2-Nitrophenol	32.0	30.8		ug/L		96	29 - 182	3	28
3,3'-Dichlorobenzidine	64.0	63.1		ug/L		99	1 - 262	12	31
4,6-Dinitro-2-methylphenol	64.0	75.8		ug/L		118	1 - 181	2	30
4-Bromophenyl phenyl ether	32.0	35.1		ug/L		110	53 - 127	1	16
4-Chloro-3-methylphenol	32.0	30.9		ug/L		97	22 - 147	2	16
4-Chlorophenyl phenyl ether	32.0	33.5		ug/L		105	25 - 158	1	15
4-Nitrophenol	64.0	56.6		ug/L		88	1 - 132	5	24
Acenaphthene	32.0	28.2		ug/L		88	47 - 145	5	25
Acenaphthylene	32.0	29.8		ug/L		93	33 - 145	6	22
Aniline	32.0	15.6	J *1	ug/L		49	40 - 120	32	30
Anthracene	32.0	34.3		ug/L		107	27 - 133	4	15
Benzo[a]anthracene	32.0	31.7		ug/L		99	33 - 143	6	15
Benzo[a]pyrene	32.0	31.4		ug/L		98	17 - 163	4	15
Benzo[b]fluoranthene	32.0	34.6		ug/L		108	24 - 159	7	17
Benzo[g,h,i]perylene	32.0	33.5		ug/L		105	1 - 219	4	19
Benzo[k]fluoranthene	32.0	30.5		ug/L		95	11 - 162	4	19
Bis(2-chloroethoxy)methane	32.0	26.3		ug/L		82	33 - 184	5	23
Bis(2-chloroethyl)ether	32.0	31.0		ug/L		97	12 - 158	8	33
Bis(2-ethylhexyl) phthalate	32.0	26.2	J	ug/L		82	8 - 158	5	15
Butyl benzyl phthalate	32.0	26.4		ug/L		83	1 - 152	7	15
Chrysene	32.0	29.6		ug/L		93	17 - 168	1	15
Dibenz(a,h)anthracene	32.0	35.8		ug/L		112	1 - 227	10	18
Diethyl phthalate	32.0	30.7		ug/L		96	1 - 120	0	15
Dimethyl phthalate	32.0	30.3		ug/L		95	1 - 120	3	15
Di-n-butyl phthalate	32.0	31.6		ug/L		99	1 - 120	0	15
Di-n-octyl phthalate	32.0	27.9		ug/L		87	4 - 146	4	15
Fluoranthene	32.0	34.3		ug/L		107	26 - 137	3	15
Fluorene	32.0	29.1		ug/L		91	59 - 121	1	18
Hexachlorobenzene	32.0	34.7		ug/L		108	1 - 152	2	15

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QC Sample Results

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

Job ID: 480-204688-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-654155/3-A

Matrix: Water

Analysis Batch: 654313

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 654155

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorocyclopentadiene	32.0	19.2	J	ug/L		60	5 - 120	0	50
Hexachloroethane	32.0	20.1		ug/L		63	40 - 120	10	43
Indeno[1,2,3-cd]pyrene	32.0	36.3		ug/L		114	1 - 171	5	17
Isophorone	32.0	26.9		ug/L		84	21 - 196	11	21
Naphthalene	32.0	30.5		ug/L		95	21 - 133	8	31
Nitrobenzene	32.0	26.5		ug/L		83	35 - 180	9	27
N-Nitrosodi-n-propylamine	32.0	26.9		ug/L		84	1 - 230	18	23
N-Nitrosodiphenylamine	32.0	32.3		ug/L		101	54 - 125	2	15
Pentachlorophenol	64.0	60.6		ug/L		95	14 - 176	3	21
Phenanthrene	32.0	30.2		ug/L		95	54 - 120	4	16
Phenol	32.0	19.4	J	ug/L		60	5 - 120	6	36
Pyrene	32.0	29.7		ug/L		93	52 - 120	2	15
2,6-Dinitrotoluene	32.0	28.2		ug/L		88	50 - 158	4	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	125		52 - 151
2-Fluorobiphenyl	94		44 - 120
2-Fluorophenol	68		17 - 120
Nitrobenzene-d5	85		15 - 314
Phenol-d5	59		8 - 424
p-Terphenyl-d14	115		22 - 125

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-653548/1-A

Matrix: Water

Analysis Batch: 653649

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 653548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		12/15/22 09:06	12/15/22 23:00	1
PCB-1221	ND		0.060	0.038	ug/L		12/15/22 09:06	12/15/22 23:00	1
PCB-1232	ND		0.060	0.038	ug/L		12/15/22 09:06	12/15/22 23:00	1
PCB-1242	ND		0.060	0.038	ug/L		12/15/22 09:06	12/15/22 23:00	1
PCB-1248	ND		0.060	0.038	ug/L		12/15/22 09:06	12/15/22 23:00	1
PCB-1254	ND		0.060	0.031	ug/L		12/15/22 09:06	12/15/22 23:00	1
PCB-1260	ND		0.060	0.031	ug/L		12/15/22 09:06	12/15/22 23:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		36 - 121	12/15/22 09:06	12/15/22 23:00	1
Tetrachloro-m-xylene	73		42 - 135	12/15/22 09:06	12/15/22 23:00	1

Lab Sample ID: LCS 480-653548/2-A

Matrix: Water

Analysis Batch: 653833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 653548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	1.17		ug/L		117	69 - 123
PCB-1260	1.00	1.04		ug/L		104	69 - 120

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QC Sample Results

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

Job ID: 480-204688-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 480-653548/2-A

Matrix: Water

Analysis Batch: 653833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 653548

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	37		36 - 121
Tetrachloro-m-xylene	71		42 - 135

Lab Sample ID: LCSD 480-653548/3-A

Matrix: Water

Analysis Batch: 653833

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 653548

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	1.00	1.06		ug/L		106	69 - 123	10	30
PCB-1260	1.00	1.01		ug/L		101	69 - 120	3	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	37		36 - 121
Tetrachloro-m-xylene	61		42 - 135

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-653299/1-A

Matrix: Water

Analysis Batch: 653734

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 653299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		12/14/22 09:20	12/15/22 14:55	1
Lead	ND		0.010	0.0030	mg/L		12/14/22 09:20	12/15/22 14:55	1
Nickel	ND		0.010	0.0013	mg/L		12/14/22 09:20	12/15/22 14:55	1
Zinc	ND		0.010	0.0015	mg/L		12/14/22 09:20	12/15/22 14:55	1

Lab Sample ID: MB 480-653299/1-A

Matrix: Water

Analysis Batch: 654198

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 653299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010	0.0016	mg/L		12/14/22 09:20	12/20/22 18:11	1

Lab Sample ID: LCS 480-653299/2-A

Matrix: Water

Analysis Batch: 653734

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 653299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.200	0.210		mg/L		105	85 - 115
Lead	0.200	0.213		mg/L		106	85 - 115
Nickel	0.200	0.203		mg/L		101	85 - 115
Zinc	0.200	0.209		mg/L		104	85 - 115

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-204688-1

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

Lab Sample ID: LCS 480-653299/2-A
Matrix: Water
Analysis Batch: 654198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 653299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	0.200	0.209		mg/L		104	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-653389/1-A
Matrix: Water
Analysis Batch: 653475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 653389

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/14/22 11:31	12/14/22 14:28	1

Lab Sample ID: LCS 480-653389/2-A
Matrix: Water
Analysis Batch: 653475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 653389

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00638		mg/L		95	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-653752/16
Matrix: Water
Analysis Batch: 653752

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			12/16/22 08:54	1

Lab Sample ID: LCS 480-653752/17
Matrix: Water
Analysis Batch: 653752

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0964		mg/L		96	90 - 110

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

Lab Sample ID: MB 480-653903/1
Matrix: Water
Analysis Batch: 653903

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			12/19/22 10:51	1

Lab Sample ID: LCS 480-653903/2
Matrix: Water
Analysis Batch: 653903

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	318	313.2		mg/L		98	88 - 110

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-204688-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-653301/1
Matrix: Water
Analysis Batch: 653301

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	7.00	7.1		SU		101	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-654438/51
Matrix: Water
Analysis Batch: 654438

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	0.00588	J	0.010	0.0050	mg/L as P			12/22/22 14:37	1

Lab Sample ID: LCS 480-654438/52
Matrix: Water
Analysis Batch: 654438

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus	0.200	0.186		mg/L as P		93	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-653323/22
Matrix: Water
Analysis Batch: 653323

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	na		2.0	2.0	mg/L			12/13/22 23:40	1

Lab Sample ID: LCS 480-653323/23
Matrix: Water
Analysis Batch: 653323

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

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

QC Association Summary

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

Job ID: 480-204688-1

GC/MS VOA

Analysis Batch: 653199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-204688-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-653199/8	Method Blank	Total/NA	Water	624.1	
LCS 480-653199/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 653679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-653679/1-A	Method Blank	Total/NA	Water	625	
LCS 480-653679/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-653679/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 653998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	625.1	653679
MB 480-653679/1-A	Method Blank	Total/NA	Water	625.1	653679
LCS 480-653679/2-A	Lab Control Sample	Total/NA	Water	625.1	653679
LCSD 480-653679/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	653679

Prep Batch: 654155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1 - RE	BCC BSA SUMP	Total/NA	Water	625	
MB 480-654155/1-A	Method Blank	Total/NA	Water	625	
LCS 480-654155/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-654155/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 654313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1 - RE	BCC BSA SUMP	Total/NA	Water	625.1	654155
MB 480-654155/1-A	Method Blank	Total/NA	Water	625.1	654155
LCS 480-654155/2-A	Lab Control Sample	Total/NA	Water	625.1	654155
LCSD 480-654155/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	654155

GC Semi VOA

Prep Batch: 653548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-653548/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-653548/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-653548/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 653649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-653548/1-A	Method Blank	Total/NA	Water	608.3	653548

Analysis Batch: 653833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	608.3	653548
LCS 480-653548/2-A	Lab Control Sample	Total/NA	Water	608.3	653548

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QC Association Summary

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

Job ID: 480-204688-1

GC Semi VOA (Continued)

Analysis Batch: 653833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-653548/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	653548

Metals

Prep Batch: 653299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-653299/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-653299/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 653389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-653389/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-653389/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 653475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	245.1	653389
MB 480-653389/1-A	Method Blank	Total/NA	Water	245.1	653389
LCS 480-653389/2-A	Lab Control Sample	Total/NA	Water	245.1	653389

Analysis Batch: 653734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-653299/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	653299
LCS 480-653299/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	653299

Analysis Batch: 653907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	653299

Analysis Batch: 654198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	653299
MB 480-653299/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	653299
LCS 480-653299/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	653299

General Chemistry

Analysis Batch: 653301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-653301/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 653323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-653323/22	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-653323/23	Lab Control Sample	Total/NA	Water	SM 5210B	

QC Association Summary

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

Job ID: 480-204688-1

General Chemistry

Analysis Batch: 653752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-653752/16	Method Blank	Total/NA	Water	420.4	
LCS 480-653752/17	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 653903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-653903/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-653903/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 654438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-654438/51	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-654438/52	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 654620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204688-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

Job ID: 480-204688-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-204688-1

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	653199	ATG	EET BUF	12/13/22 14:03
Total/NA	Prep	625			653679	MS	EET BUF	12/16/22 08:30
Total/NA	Analysis	625.1		1	653998	JMM	EET BUF	12/20/22 13:43
Total/NA	Prep	625	RE		654155	MS	EET BUF	12/21/22 08:29
Total/NA	Analysis	625.1	RE	1	654313	JMM	EET BUF	12/22/22 14:50
Total/NA	Prep	3510C			653548	LSC	EET BUF	12/15/22 09:06
Total/NA	Analysis	608.3		10	653833	NC	EET BUF	12/18/22 18:29
Total/NA	Prep	200.7			653299	NVK	EET BUF	12/14/22 09:20
Total/NA	Analysis	200.7 Rev 4.4		1	653907	LMH	EET BUF	12/16/22 13:51
Total/NA	Prep	200.7			653299	NVK	EET BUF	12/14/22 09:20
Total/NA	Analysis	200.7 Rev 4.4		1	654198	LMH	EET BUF	12/20/22 18:39
Total/NA	Prep	245.1			653389	VAK	EET BUF	12/14/22 11:31
Total/NA	Analysis	245.1		1	653475	NVK	EET BUF	12/14/22 14:55
Total/NA	Analysis	420.4		1	653752	CLT	EET BUF	12/16/22 09:12
Total/NA	Analysis	SM 2540D		1	653903	SAK	EET BUF	12/19/22 10:51
Total/NA	Analysis	SM 4500 CN G		1	654620	DLG	EET BUF	12/20/22 12:12
Total/NA	Analysis	SM 4500 H+ B		1	653301	KMF	EET BUF	12/13/22 16:54
Total/NA	Analysis	SM 4500 P E		1	654438	KMF	EET BUF	12/22/22 14:37
Total/NA	Analysis	SM 5210B		1	653323	EJL	EET BUF	12/13/22 23:40

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-204688-2

Date Collected: 12/12/22 13:00

Matrix: Water

Date Received: 12/12/22 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	653199	ATG	EET BUF	12/13/22 14:26

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-204688-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

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

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

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

Job ID: 480-204688-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	EET BUF
625.1	Semivolatile Organic Compounds (GC/MS)	40CFR136A	EET BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	EET BUF
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
245.1	Mercury (CVAA)	EPA	EET BUF
420.4	Phenolics, Total Recoverable	MCAWW	EET BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	EET BUF
SM 4500 CN G	Cyanide, Amenable	SM	EET BUF
SM 4500 H+ B	pH	SM	EET BUF
SM 4500 P E	Phosphorus	SM	EET BUF
SM 5210B	BOD, 5-Day	SM	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
245.1	Preparation, Mercury	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
625	Liquid-Liquid Extraction	40CFR136A	EET BUF

Protocol References:

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

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 480-204688-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-204688-1	BCC BSA SUMP	Water	12/12/22 13:00	12/12/22 14:40
480-204688-2	TRIP BLANK	Water	12/12/22 13:00	12/12/22 14:40

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

Quantitation Limit Exceptions Summary

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

Job ID: 480-204688-1

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

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
625.1	2,4-Dinitrotoluene	Water	Total/NA	ug/L	5.0	10
625.1	4-Nitrophenol	Water	Total/NA	ug/L	10	15
625.1	Hexachlorocyclopentadiene	Water	Total/NA	ug/L	5.0	10

Eurofins Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record



Environment Testing

Client Information Client Contact: Kirsten Colligan Company: Ontario Specialty Contracting, Inc. Address: 140 Lee St. City: Buffalo State, Zip: NY, 14210 Phone: 716-856-3333 Email: kcolligan@oscinc.com Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color - Qu Site: New York		Lab PM: Schove, John R E-Mail: John.Schove@et.eurofins.com State of Origin: NY Job #: 16011		Carmer Tracking No(s): OSC COC No: 480-179429-6057.1 Page: Page 1 of 1	
Due Date Requested: TAT Requested (days): 2 weeks (Standard) Compliance Project: Yes ☒ No ☐ PO #: 65329 WO #: 65329 Project #: 48003159 SSOW#:		Analysis Requested			
Sample Identification Sample Date: 12-12-2021 Sample Time: 13:00 Sample Type (C=Comp, G=Grab): G Matrix (W=Water, S=solid, O=soil, BT=Tissue, A=Air): Water Field Filtered Sample (Yes or No): ☒		4500_P_E - Phosphorus 200_T_245.1 420_A - Phenolics, Total Recoverable 624_5ml - Priority Pollutant List - VOA - 62 608_PCB - Priority Pollutant PCBs 625 - Priority Pollutant List - SVOA - 6 5210B - Biochemical Oxygen Demand 2540D - Total Suspended Solids SM4500_N_G.Calc - Cyanide, Amenable SM4500_H+ - pH			
BCC BSA SUMP Trip Blank		Total Number of Containers: ☒			
Special Instructions/Note: 480-204688 Chain of Custody		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by:					
Relinquished by: Jeff A. Hargrave Date/Time: 12-12-2021 17:40 Company: OSC		Received by: [Signature] Date/Time: 12/12/21 14:07 Company:			
Relinquished by:		Received by:			
Relinquished by:		Received by:			
Custody Seals Intact: Yes ☒ No ☐		Cooler Temperature(s) °C and Other Remarks: 0.2# ICE			

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-204688-1

Login Number: 204688

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

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	

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment																											
		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27				Discharge Lines To BSA Sump					
Date	Associate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-108E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks		
10/7/2022	TK	47	45	30	23	38	28	17.5	32	20	22	22	7.64	12	17.4	37,976,972	11	21.2	1,117,532	27							
10/14/2022	TK	46	46	33	20	40	28	15.2	30	20	15	15	7.61	8	15.1	38,044,188	11	22.9	1,117,532	27						Totalizer for tank Fe-107 was not working 10/7/22-10/19/22 .was reset and is working properly	
10/21/2022	TK	47	46	33	23	40	30	16.7	35	29	20	20	7.73	9	14.5	38,112,476	11	20.2	1,118,469	25							
10/28/2022	TK	48	46	32	20	41	28	15.2	32	18	15	16	7.68	10	15.1	38,178,840	11	20.6	1,123,885	26							
11/4/2022	TK	49	49	32	20	43	32	14.7	36	18	18	18	7.85	10	14.5	38,244,432	11	20.3	1,125,631	26							
11/11/2022	TK	48	45	30	18	38	30	16.2	35	18	20	18	7.66	11	16	38,314,032	11	20.5	1,128,860	27							
11/20/2022	TK	48	46	35	30	40	34	16.4	36	24	23	23	7.68	15	16.1	38,397,112	16	23.5	1,135,932	27							
11/25/2022	TK	47	44	35	25	40	27	16.4	30	20	24	23	7.79	13	16.2	38,445,960	16	23.4	1,139,938	27							
12/2/2022	TK	49	49	35	23	42	34	15.3	38	18	18	21	7.69	16	15	38,510,044	13	22.4	1,145,739	27							
12/9/2022	TK	48	47	35	23	42	34	15.8	40	22	22	20	7.7	15	15.5	38,569,936	13	21.6	1,151,154	27							
12/16/2022	TK	47	46	34	22	40	33	16.3	38	24	26	26	7.67	21	16.2	38,635,372	20	22.5	1,156,762	24							
12/23/2022	TK	47	45	36	30	40	34	16.6	38	28	29	27	7.67	21	16.4	38,698,392	21	23.6	1,162,039	26							
12/30/2022	TK	47	45	36	28	40	32	15.9	38	28	27	27	7.68	20	15.7	38,753,488	20	23.2	1,165,135	27							

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
4/1/2022					1	1		1	1	1			
4/2/2022													
4/3/2022													
10/1/2022													
10/2/2022													
10/3/2022					1	1		1	1	1			
10/4/2022					1	1		1	1	1			
10/5/2022					1	1		1					
10/6/2022					1			1	1				Bleach flush well #5
10/7/2022					1	1		1	1	1			
10/8/2022													
10/9/2022													
10/10/2022					1	1		1	1	1			
10/11/2022					1			1					
10/12/2022					1	1	1	1	1	1			
10/13/2022					1	1		1					
10/14/2022					1	1		1	1	1			
10/15/2022													
10/16/2022													
10/17/2022					1	1		1	1	1			
10/18/2022					1	1		1					Bleach flush well #5
10/19/2022					1	1	1	1	1	1			
10/20/2022					1			1	1				
10/21/2022					1	1		1	1	1			
10/22/2022													
10/23/2022													
10/24/2022					1	1		1	1	1			
10/25/2022					1			1					Bleach flush well #5
10/26/2022					1	1	1	1	1	1			
10/27/2022													
10/28/2022					1	1		1	2	1			
10/29/2022													
10/30/2022													
10/31/2022					1	1		1	1	1			
11/1/2022					1	1		1					
11/2/2022					1	1		1	1	1			
11/3/2022					1		1	1					
11/4/2022					1	1		1	1	1			
11/5/2022													
11/6/2022													
11/7/2022					1	1		1	1	1			
11/8/2022					1			1					
11/9/2022													
11/10/2022					1	1	1	1	1	1			Bleach flush well #5
11/11/2022					1	1		1	1	1			
11/12/2022													
11/13/2022													
11/14/2022					1	1	1	1	1	1	1	1	Acid flush #4 well
11/15/2022					1	1		1	2	2			Cleaned tank #10
11/16/2022					1	1		1					
11/17/2022					1	1		1	1	1			
11/18/2022													
11/19/2022													
11/20/2022					1			1	1	1			
11/21/2022					1	1		1					
11/22/2022					1	1		1					

[illegible]



April 30, 2023

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

**Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #20-06-BU109
OSC Project ID: 16011**

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of January 1 through March 31, 2023. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

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

Sincerely,

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

cc:	Eugene Melnyk	NYSDEC Region 9
	Megan Kuczka	NYSDEC Region 9
	John Yensan	South Buffalo Development, LLC
	Todd Waldrop	Inventum Engineering

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

**B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: January 1, 2023 through March 31, 2023**

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the EW-1, EW-2, EW-3, EW-4, and EW-5 flow totalizers, plus any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by Eurofins Laboratory located in Amherst, NY. The sample event analytical results are attached.

We have been troubleshooting EX-3 this quarter as it is only intermittently pumping. A new transducer was installed, a new pump was installed, and it has been determined there is an electric or communication issue with the extraction well.

Total Flow Data by Month:	
January 2023	376,403 gallons
February 2023	335,767 gallons
March 2023	337, 204 gallons

Total Quarterly Discharge 1,052,419gallons

Estimated Area D contribution this period:
3,045 gallons

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



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

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

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No.	20-06-BU109	Effective June 1, 2020
Sample Date:	3/28/2023	
Sample Location:	Onsite Pump Station to BSA	

Year: 2023
Month: MAR

Event Group: SUMP
Lab Job ID: J207307-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	7.9	0.100	SU	7.90	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	2.6	2.0	mg/L	2.6	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.016	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.016	Yes
Total Chromium	7440-47-3	0.0035	0.0040	mg/L	0.0003	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	ND	0.010	mg/L	ND	lbs/day	0.67	lbs/day	Yes	16	ND	Yes
Lead	7439-92-1	0.018	0.0050	mg/L	0.0018	lbs/day	0.541	lbs/day	Yes	65	0.0180	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	ND	0.010	mg/L	ND	lbs/day	1.17	lbs/day	Yes	14	ND	Yes
Zinc	7440-66-6	0.0045	0.010	mg/L	0.000	lbs/day	2.046	lbs/day	Yes	25	0.005	Yes
Amendable Cyanide	CAN	ND	0.010	mg/L	ND	lbs/day	2.59	lbs/day	Yes	6.2	ND	Yes
Total PCB	Sum Method E608	ND	0.060	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	6.9	40	ug/L	0.681	lbs/day	50	lbs/day	Yes	0.01	0.0069	Yes
Benzene	71-43-2	ND	5	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	ND	5	ug/L	ND	lbs/day	0.129	lbs/day	Yes	0.31	ND	Yes
1,2-Dichlorobenzene	95-50-1	ND	5	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	20	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method E624	40.9	25	ug/L	0.041	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	41.6	4.0	mg/L	41.6	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.28	0.010	mg/L	0.280	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	8.211758739	-	gpm	11,825	gpd	50,000	gpd	Yes			

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

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

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations		
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	77,439,966	1/1/2023
Final Reading	78,492,385	3/31/2023
Total Days in Period	89	
Total Flow for Period	1,052,419	gallons
Average Flow for Period	8.21	gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES

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

WASTEWATER TREATMENT PLANT

FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 851-4664
FAX: (716) 883-3789

April 30, 2020

Ms. Kirsten Colligan
Project Manager
333 Ganson Street
Buffalo, New York 14203

RECEIVED MAY 04 2020



RE: B.P.D.E.S. Permit #20-06-BU109

Dear Mr. Gabner:

Enclosed is your new BPDES Permit #20-06-BU109. This permit is issued by The Buffalo Sewer Authority.

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

If you have any further questions, please call Mike Szilagyi at 716-851-4664, ext. 5253 or myself at 716-851-4664, ext. 5250.

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

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

**PERMIT NO. 20-06-BU109
EPA 40CFR 403**

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

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

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 15, 2020** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2020

To Expire May 31, 2023



General Manager

Signed this 30th day of APRIL, 20 20

PART I: SPECIFIC CONDITIONS**A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS**

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

Sample		Discharge Limitations		Sampling Requirements	
Point	Parameter	Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe	Quarterly
	Total Flow	50,000 gals		Flow Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test Methods 624	⁽⁶⁾		Grab ⁽⁷⁾	Quarterly
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	⁽⁸⁾			Quarterly
	EPA Test Method 608	⁽⁹⁾		Grab	Quarterly
	Aniline	50.0 lbs	0.00	Grab	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Grab	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Grab	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	Quarterly
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	Quarterly

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

Sample Point	Parameter	Reporting	Requirements
001	All Analytes	Initial Report*	Subsequent Reports*
		July 31, 2020	October 31, 2020
			January 31, 2021
			April 30, 2021
			July 31, 2021
			October 31, 2021
			January 31, 2022
			April 30, 2022
			July 31, 2022
			October 31, 2022 **
			January 31, 2023
			April 30, 2023

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

** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

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

- (9) The permittee must report any compound whose concentration is greater than 0.30 ug/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.

**BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
PART II: GENERAL CONDITIONS**

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

Upon written notification by the BSA that a slug control plan is necessary for the permittee, the plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines" sheet. Within 90 days of the BSA notification, the permittee must implement the slug control plan

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM - 3:00 PM call 716-851-4664, ext. 5374. After normal business hours call 716-851-4664, ext. 600. For all slug discharges, and when requested by the BSA following an accidental discharge or spill, within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 716-851-4664 ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

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

noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

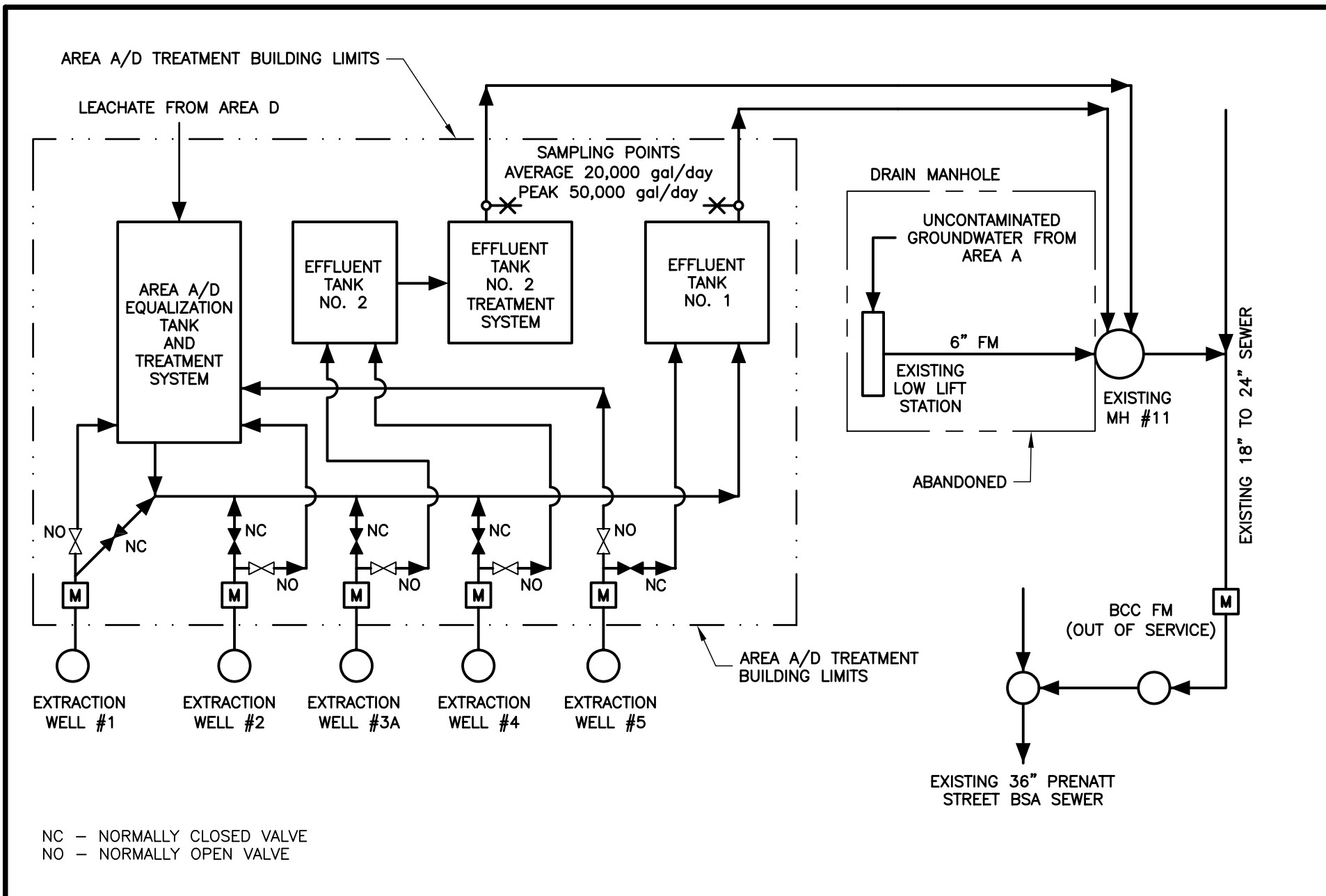
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210
Generated 4/12/2023 12:03:37 PM

JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-207307-1

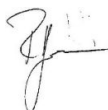
Eurofins Buffalo

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

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

Authorization



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Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

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

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Job ID: 480-207307-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-207307-1

Comments

No additional comments.

Receipt

The samples were received on 3/28/2023 2:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 3/28 as requested by the client: BCC BSA SUMP (480-207307-1) and TRIP BLANK (480-207307-2). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

Method 624.1: The continuing calibration verification (CCV) associated with batch 480-663041 recovered above the upper control limit for Acrolein. 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 BSA SUMP (480-207307-1) and TRIP BLANK (480-207307-2).

Method 624.1: The laboratory control sample (LCS) for analytical batch 480-663041 recovered outside control limits for the following analytes: Acrolein. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

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

General Chemistry

Method SM 5210B: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 480-663096. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

Methods 9040B, 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP (480-207307-1).

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

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-663341.

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: Quarterly BSA SUMP

Job ID: 480-207307-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-207307-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	6.9	J	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	34		20	1.6	ug/L	1		625.1	Total/NA
Chromium	0.0035	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.018		0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0045	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.016		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	41.6		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	7.9	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	18.5	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.28		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	2.6	*-	2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207307-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-207307-1

Date Collected: 03/28/23 09:30

Matrix: Water

Date Received: 03/28/23 14:00

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/23 17:08	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/23 17:08	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/23 17:08	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/23 17:08	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/23 17:08	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/23 17:08	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/23 17:08	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/23 17:08	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/23 17:08	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/23 17:08	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/23 17:08	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/23 17:08	1
Acrolein	ND	*+	100	17	ug/L			03/28/23 17:08	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/23 17:08	1
Benzene	ND		5.0	0.60	ug/L			03/28/23 17:08	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/28/23 17:08	1
Bromoform	ND		5.0	0.47	ug/L			03/28/23 17:08	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/23 17:08	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/23 17:08	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/23 17:08	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/23 17:08	1
Chloroform	ND		5.0	0.54	ug/L			03/28/23 17:08	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/23 17:08	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/23 17:08	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/28/23 17:08	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/23 17:08	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/23 17:08	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/23 17:08	1
Toluene	ND		5.0	0.45	ug/L			03/28/23 17:08	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/23 17:08	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/23 17:08	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/28/23 17:08	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/28/23 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		68 - 130		03/28/23 17:08	1
4-Bromofluorobenzene (Surr)	97		76 - 123		03/28/23 17:08	1
Dibromofluoromethane (Surr)	105		75 - 123		03/28/23 17:08	1
Toluene-d8 (Surr)	97		77 - 120		03/28/23 17:08	1

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		03/29/23 15:04	04/03/23 22:40	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		03/29/23 15:04	04/03/23 22:40	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		03/29/23 15:04	04/03/23 22:40	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		03/29/23 15:04	04/03/23 22:40	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		03/29/23 15:04	04/03/23 22:40	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		03/29/23 15:04	04/03/23 22:40	1

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-207307-1

Date Collected: 03/28/23 09:30

Matrix: Water

Date Received: 03/28/23 14:00

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		20	1.4	ug/L		03/29/23 15:04	04/03/23 22:40	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		03/29/23 15:04	04/03/23 22:40	1
2-Chloronaphthalene	ND		20	0.91	ug/L		03/29/23 15:04	04/03/23 22:40	1
2-Chlorophenol	ND		20	0.66	ug/L		03/29/23 15:04	04/03/23 22:40	1
2-Nitrophenol	ND		20	0.70	ug/L		03/29/23 15:04	04/03/23 22:40	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		03/29/23 15:04	04/03/23 22:40	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		03/29/23 15:04	04/03/23 22:40	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		03/29/23 15:04	04/03/23 22:40	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		03/29/23 15:04	04/03/23 22:40	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		03/29/23 15:04	04/03/23 22:40	1
4-Nitrophenol	ND		40	1.9	ug/L		03/29/23 15:04	04/03/23 22:40	1
Acenaphthene	ND		20	0.81	ug/L		03/29/23 15:04	04/03/23 22:40	1
Acenaphthylene	ND		20	0.87	ug/L		03/29/23 15:04	04/03/23 22:40	1
Aniline	6.9	J	40	1.5	ug/L		03/29/23 15:04	04/03/23 22:40	1
Anthracene	ND		20	1.4	ug/L		03/29/23 15:04	04/03/23 22:40	1
Benzidine	ND		320	54	ug/L		03/29/23 15:04	04/03/23 22:40	1
Benzo[a]anthracene	ND		20	1.1	ug/L		03/29/23 15:04	04/03/23 22:40	1
Benzo[a]pyrene	ND		20	1.3	ug/L		03/29/23 15:04	04/03/23 22:40	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		03/29/23 15:04	04/03/23 22:40	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		03/29/23 15:04	04/03/23 22:40	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		03/29/23 15:04	04/03/23 22:40	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		03/29/23 15:04	04/03/23 22:40	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		03/29/23 15:04	04/03/23 22:40	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		03/29/23 15:04	04/03/23 22:40	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		03/29/23 15:04	04/03/23 22:40	1
Chrysene	ND		20	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		03/29/23 15:04	04/03/23 22:40	1
Diethyl phthalate	ND		20	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
Dimethyl phthalate	ND		20	0.91	ug/L		03/29/23 15:04	04/03/23 22:40	1
Di-n-butyl phthalate	34		20	1.6	ug/L		03/29/23 15:04	04/03/23 22:40	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		03/29/23 15:04	04/03/23 22:40	1
Fluoranthene	ND		20	1.6	ug/L		03/29/23 15:04	04/03/23 22:40	1
Fluorene	ND		20	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
Hexachlorobenzene	ND		20	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
Hexachlorobutadiene	ND		20	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		03/29/23 15:04	04/03/23 22:40	1
Hexachloroethane	ND		20	0.60	ug/L		03/29/23 15:04	04/03/23 22:40	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		03/29/23 15:04	04/03/23 22:40	1
Isophorone	ND		20	0.74	ug/L		03/29/23 15:04	04/03/23 22:40	1
Naphthalene	ND		20	0.86	ug/L		03/29/23 15:04	04/03/23 22:40	1
Decane	ND		40	1.6	ug/L		03/29/23 15:04	04/03/23 22:40	1
Nitrobenzene	ND		20	0.81	ug/L		03/29/23 15:04	04/03/23 22:40	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		03/29/23 15:04	04/03/23 22:40	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		03/29/23 15:04	04/03/23 22:40	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		03/29/23 15:04	04/03/23 22:40	1
n-Octadecane	ND		40	1.2	ug/L		03/29/23 15:04	04/03/23 22:40	1
Pentachlorophenol	ND		40	3.2	ug/L		03/29/23 15:04	04/03/23 22:40	1
Phenanthrene	ND		20	1.2	ug/L		03/29/23 15:04	04/03/23 22:40	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-207307-1

Date Collected: 03/28/23 09:30

Matrix: Water

Date Received: 03/28/23 14:00

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		20	0.35	ug/L		03/29/23 15:04	04/03/23 22:40	1
Pyrene	ND		20	1.4	ug/L		03/29/23 15:04	04/03/23 22:40	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		03/29/23 15:04	04/03/23 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		52 - 151	03/29/23 15:04	04/03/23 22:40	1
2-Fluorobiphenyl	92		44 - 120	03/29/23 15:04	04/03/23 22:40	1
2-Fluorophenol	67		17 - 120	03/29/23 15:04	04/03/23 22:40	1
Nitrobenzene-d5	88		15 - 314	03/29/23 15:04	04/03/23 22:40	1
Phenol-d5	49		8 - 424	03/29/23 15:04	04/03/23 22:40	1
p-Terphenyl-d14	85		22 - 125	03/29/23 15:04	04/03/23 22:40	1

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.057	0.036	ug/L		03/30/23 09:31	04/06/23 07:20	1
PCB-1221	ND		0.057	0.036	ug/L		03/30/23 09:31	04/06/23 07:20	1
PCB-1232	ND		0.057	0.036	ug/L		03/30/23 09:31	04/06/23 07:20	1
PCB-1242	ND		0.057	0.036	ug/L		03/30/23 09:31	04/06/23 07:20	1
PCB-1248	ND		0.057	0.036	ug/L		03/30/23 09:31	04/06/23 07:20	1
PCB-1254	ND		0.057	0.030	ug/L		03/30/23 09:31	04/06/23 07:20	1
PCB-1260	ND		0.057	0.030	ug/L		03/30/23 09:31	04/06/23 07:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	39		36 - 121	03/30/23 09:31	04/06/23 07:20	1
Tetrachloro-m-xylene	89		42 - 135	03/30/23 09:31	04/06/23 07:20	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0035	J	0.0040	0.0010	mg/L		03/29/23 08:15	03/29/23 22:21	1
Copper	ND		0.010	0.0016	mg/L		03/29/23 08:15	03/29/23 22:21	1
Lead	0.018		0.010	0.0030	mg/L		03/29/23 08:15	03/29/23 22:21	1
Nickel	ND		0.010	0.0013	mg/L		03/29/23 08:15	03/29/23 22:21	1
Zinc	0.0045	J	0.010	0.0015	mg/L		03/29/23 08:15	03/29/23 22:21	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/29/23 11:35	03/29/23 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.016		0.010	0.0035	mg/L			04/04/23 14:10	1
Cyanide, Amenable (SM 4500 CN G)	ND		0.010	0.0050	mg/L			03/31/23 17:13	1
Phosphorus (SM 4500 P E)	0.28		0.010	0.0050	mg/L as P			04/11/23 17:35	1
Biochemical Oxygen Demand (SM 5210B)	2.6	*-	2.0	2.0	mg/L			03/28/23 15:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	41.6		4.0	4.0	mg/L			04/03/23 16:56	1
pH (SM 4500 H+ B)	7.9	HF	0.1	0.1	SU			04/05/23 12:01	1
Temperature (SM 4500 H+ B)	18.5	HF	0.001	0.001	Degrees C			04/05/23 12:01	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207307-2

Date Collected: 03/28/23 09:30

Matrix: Water

Date Received: 03/28/23 14:00

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/23 17:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/23 17:32	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/23 17:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/23 17:32	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/23 17:32	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/23 17:32	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/23 17:32	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/23 17:32	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/23 17:32	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/23 17:32	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/23 17:32	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/23 17:32	1
Acrolein	ND	*+	100	17	ug/L			03/28/23 17:32	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/23 17:32	1
Benzene	ND		5.0	0.60	ug/L			03/28/23 17:32	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/28/23 17:32	1
Bromoform	ND		5.0	0.47	ug/L			03/28/23 17:32	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/23 17:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/23 17:32	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/23 17:32	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/23 17:32	1
Chloroform	ND		5.0	0.54	ug/L			03/28/23 17:32	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/23 17:32	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/23 17:32	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/28/23 17:32	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/23 17:32	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/23 17:32	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/23 17:32	1
Toluene	ND		5.0	0.45	ug/L			03/28/23 17:32	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/23 17:32	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/23 17:32	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/28/23 17:32	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/28/23 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		68 - 130		03/28/23 17:32	1
4-Bromofluorobenzene (Surr)	99		76 - 123		03/28/23 17:32	1
Dibromofluoromethane (Surr)	107		75 - 123		03/28/23 17:32	1
Toluene-d8 (Surr)	97		77 - 120		03/28/23 17:32	1

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-207307-1	BCC BSA SUMP	112	97	105	97
480-207307-2	TRIP BLANK	113	99	107	97
LCS 480-663041/6	Lab Control Sample	109	99	104	96
MB 480-663041/8	Method Blank	110	99	107	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-207307-1	BCC BSA SUMP	112	92	67	88	49	85
LCS 480-663237/2-A	Lab Control Sample	106	89	67	83	51	93
MB 480-663237/1-A	Method Blank	68	78	60	73	42	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP2 (36-121)	TCX2 (42-135)
480-207307-1	BCC BSA SUMP	39	89
LCS 480-663341/2-A	Lab Control Sample	54	88
LCSD 480-663341/3-A	Lab Control Sample Dup	55	96
MB 480-663341/1-A	Method Blank	47	85

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-663041/8

Matrix: Water

Analysis Batch: 663041

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/23 12:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/23 12:31	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/23 12:31	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/23 12:31	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/23 12:31	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/23 12:31	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/23 12:31	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/23 12:31	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/23 12:31	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/23 12:31	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/23 12:31	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/23 12:31	1
Acrolein	ND		100	17	ug/L			03/28/23 12:31	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/23 12:31	1
Benzene	ND		5.0	0.60	ug/L			03/28/23 12:31	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/28/23 12:31	1
Bromoform	ND		5.0	0.47	ug/L			03/28/23 12:31	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/23 12:31	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/23 12:31	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/23 12:31	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/23 12:31	1
Chloroform	ND		5.0	0.54	ug/L			03/28/23 12:31	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/23 12:31	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/23 12:31	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/28/23 12:31	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/23 12:31	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/23 12:31	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/23 12:31	1
Toluene	ND		5.0	0.45	ug/L			03/28/23 12:31	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/23 12:31	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/23 12:31	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/28/23 12:31	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/28/23 12:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		68 - 130		03/28/23 12:31	1
4-Bromofluorobenzene (Surr)	99		76 - 123		03/28/23 12:31	1
Dibromofluoromethane (Surr)	107		75 - 123		03/28/23 12:31	1
Toluene-d8 (Surr)	97		77 - 120		03/28/23 12:31	1

Lab Sample ID: LCS 480-663041/6

Matrix: Water

Analysis Batch: 663041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.5		ug/L		107	52 - 162
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		93	46 - 157
1,1,2-Trichloroethane	20.0	19.1		ug/L		96	52 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-663041/6

Matrix: Water

Analysis Batch: 663041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	19.8		ug/L		99	59 - 155
1,1-Dichloroethene	20.0	19.3		ug/L		97	1 - 234
1,2-Dichlorobenzene	20.0	18.3		ug/L		92	18 - 190
1,2-Dichloroethane	20.0	21.6		ug/L		108	49 - 155
1,2-Dichloropropane	20.0	19.5		ug/L		97	1 - 210
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	59 - 156
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	18 - 190
2-Chloroethyl vinyl ether	20.0	20.9	J	ug/L		104	1 - 305
Acrolein	100	180	*+	ug/L		180	10 - 176
Acrylonitrile	200	204		ug/L		102	54 - 147
Benzene	20.0	19.3		ug/L		97	37 - 151
Bromodichloromethane	20.0	20.8		ug/L		104	35 - 155
Bromoform	20.0	17.8		ug/L		89	45 - 169
Bromomethane	20.0	20.9		ug/L		104	1 - 242
Carbon tetrachloride	20.0	19.5		ug/L		97	70 - 140
Chlorobenzene	20.0	18.7		ug/L		93	37 - 160
Chloroethane	20.0	22.1		ug/L		111	14 - 230
Chloroform	20.0	20.3		ug/L		102	51 - 138
Chloromethane	20.0	22.3		ug/L		111	1 - 273
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	1 - 227
Dibromochloromethane	20.0	19.3		ug/L		97	53 - 149
Ethylbenzene	20.0	18.9		ug/L		95	37 - 162
Methylene Chloride	20.0	20.2		ug/L		101	1 - 221
Tetrachloroethene	20.0	18.6		ug/L		93	64 - 148
Toluene	20.0	18.8		ug/L		94	47 - 150
trans-1,3-Dichloropropene	20.0	19.7		ug/L		99	17 - 183
Trichloroethene	20.0	20.7		ug/L		103	71 - 157
Trichlorofluoromethane	20.0	24.9		ug/L		125	17 - 181
Vinyl chloride	20.0	21.3		ug/L		107	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Dibromofluoromethane (Surr)	104		75 - 123
Toluene-d8 (Surr)	96		77 - 120

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-663237/1-A

Matrix: Water

Analysis Batch: 663302

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 663237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		03/29/23 15:04	03/30/23 14:02	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		03/29/23 15:04	03/30/23 14:02	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		03/29/23 15:04	03/30/23 14:02	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		03/29/23 15:04	03/30/23 14:02	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		03/29/23 15:04	03/30/23 14:02	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-663237/1-A

Matrix: Water

Analysis Batch: 663302

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 663237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		03/29/23 15:04	03/30/23 14:02	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		03/29/23 15:04	03/30/23 14:02	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		03/29/23 15:04	03/30/23 14:02	1
2-Chloronaphthalene	ND		20	0.91	ug/L		03/29/23 15:04	03/30/23 14:02	1
2-Chlorophenol	ND		20	0.66	ug/L		03/29/23 15:04	03/30/23 14:02	1
2-Nitrophenol	ND		20	0.70	ug/L		03/29/23 15:04	03/30/23 14:02	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		03/29/23 15:04	03/30/23 14:02	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		03/29/23 15:04	03/30/23 14:02	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		03/29/23 15:04	03/30/23 14:02	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		03/29/23 15:04	03/30/23 14:02	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		03/29/23 15:04	03/30/23 14:02	1
4-Nitrophenol	ND		40	1.9	ug/L		03/29/23 15:04	03/30/23 14:02	1
Acenaphthene	ND		20	0.81	ug/L		03/29/23 15:04	03/30/23 14:02	1
Acenaphthylene	ND		20	0.87	ug/L		03/29/23 15:04	03/30/23 14:02	1
Aniline	ND		40	1.5	ug/L		03/29/23 15:04	03/30/23 14:02	1
Anthracene	ND		20	1.4	ug/L		03/29/23 15:04	03/30/23 14:02	1
Benzidine	ND		320	54	ug/L		03/29/23 15:04	03/30/23 14:02	1
Benzo[a]anthracene	ND		20	1.1	ug/L		03/29/23 15:04	03/30/23 14:02	1
Benzo[a]pyrene	ND		20	1.3	ug/L		03/29/23 15:04	03/30/23 14:02	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		03/29/23 15:04	03/30/23 14:02	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		03/29/23 15:04	03/30/23 14:02	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		03/29/23 15:04	03/30/23 14:02	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		03/29/23 15:04	03/30/23 14:02	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		03/29/23 15:04	03/30/23 14:02	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		03/29/23 15:04	03/30/23 14:02	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		03/29/23 15:04	03/30/23 14:02	1
Chrysene	ND		20	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		03/29/23 15:04	03/30/23 14:02	1
Diethyl phthalate	ND		20	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
Dimethyl phthalate	ND		20	0.91	ug/L		03/29/23 15:04	03/30/23 14:02	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		03/29/23 15:04	03/30/23 14:02	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		03/29/23 15:04	03/30/23 14:02	1
Fluoranthene	ND		20	1.6	ug/L		03/29/23 15:04	03/30/23 14:02	1
Fluorene	ND		20	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
Hexachlorobenzene	ND		20	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
Hexachlorobutadiene	ND		20	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		03/29/23 15:04	03/30/23 14:02	1
Hexachloroethane	ND		20	0.60	ug/L		03/29/23 15:04	03/30/23 14:02	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		03/29/23 15:04	03/30/23 14:02	1
Isophorone	ND		20	0.74	ug/L		03/29/23 15:04	03/30/23 14:02	1
Naphthalene	ND		20	0.86	ug/L		03/29/23 15:04	03/30/23 14:02	1
Decane	ND		40	1.6	ug/L		03/29/23 15:04	03/30/23 14:02	1
Nitrobenzene	ND		20	0.81	ug/L		03/29/23 15:04	03/30/23 14:02	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		03/29/23 15:04	03/30/23 14:02	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		03/29/23 15:04	03/30/23 14:02	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		03/29/23 15:04	03/30/23 14:02	1
n-Octadecane	ND		40	1.2	ug/L		03/29/23 15:04	03/30/23 14:02	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-663237/1-A

Matrix: Water

Analysis Batch: 663302

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 663237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		03/29/23 15:04	03/30/23 14:02	1
Phenanthrene	ND		20	1.2	ug/L		03/29/23 15:04	03/30/23 14:02	1
Phenol	ND		20	0.35	ug/L		03/29/23 15:04	03/30/23 14:02	1
Pyrene	ND		20	1.4	ug/L		03/29/23 15:04	03/30/23 14:02	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		03/29/23 15:04	03/30/23 14:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	68		52 - 151	03/29/23 15:04	03/30/23 14:02	1
2-Fluorobiphenyl	78		44 - 120	03/29/23 15:04	03/30/23 14:02	1
2-Fluorophenol	60		17 - 120	03/29/23 15:04	03/30/23 14:02	1
Nitrobenzene-d5	73		15 - 314	03/29/23 15:04	03/30/23 14:02	1
Phenol-d5	42		8 - 424	03/29/23 15:04	03/30/23 14:02	1
p-Terphenyl-d14	86		22 - 125	03/29/23 15:04	03/30/23 14:02	1

Lab Sample ID: LCS 480-663237/2-A

Matrix: Water

Analysis Batch: 663302

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 663237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	25.8	J	ug/L		81	44 - 142
1,2-Dichlorobenzene	32.0	25.9	J	ug/L		81	32 - 129
1,3-Dichlorobenzene	32.0	24.7	J	ug/L		77	1 - 172
1,4-Dichlorobenzene	32.0	24.7	J	ug/L		77	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	32.9		ug/L		103	36 - 166
2,4,6-Trichlorophenol	32.0	33.1		ug/L		104	37 - 144
2,4-Dichlorophenol	32.0	31.4		ug/L		98	39 - 135
2,4-Dimethylphenol	32.0	30.0		ug/L		94	32 - 120
2,4-Dinitrophenol	64.0	75.0		ug/L		117	1 - 191
2,4-Dinitrotoluene	32.0	34.4		ug/L		107	39 - 139
2-Chloronaphthalene	32.0	28.8		ug/L		90	60 - 120
2-Chlorophenol	32.0	28.5		ug/L		89	23 - 134
2-Nitrophenol	32.0	33.9		ug/L		106	29 - 182
3,3'-Dichlorobenzidine	64.0	53.0		ug/L		83	1 - 262
4,6-Dinitro-2-methylphenol	64.0	88.8		ug/L		139	1 - 181
4-Bromophenyl phenyl ether	32.0	31.0		ug/L		97	53 - 127
4-Chloro-3-methylphenol	32.0	32.3		ug/L		101	22 - 147
4-Chlorophenyl phenyl ether	32.0	30.0		ug/L		94	25 - 158
4-Nitrophenol	64.0	50.3		ug/L		79	1 - 132
Acenaphthene	32.0	29.6		ug/L		93	47 - 145
Acenaphthylene	32.0	30.4		ug/L		95	33 - 145
Aniline	32.0	19.0	J	ug/L		59	40 - 120
Anthracene	32.0	34.6		ug/L		108	27 - 133
Benzo[a]anthracene	32.0	30.7		ug/L		96	33 - 143
Benzo[a]pyrene	32.0	33.6		ug/L		105	17 - 163
Benzo[b]fluoranthene	32.0	34.4		ug/L		108	24 - 159
Benzo[g,h,i]perylene	32.0	33.3		ug/L		104	1 - 219
Benzo[k]fluoranthene	32.0	33.4		ug/L		104	11 - 162
Bis(2-chloroethoxy)methane	32.0	29.2		ug/L		91	33 - 184

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-663237/2-A

Matrix: Water

Analysis Batch: 663302

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 663237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	32.6		ug/L		102	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	29.4	J	ug/L		92	8 - 158
Butyl benzyl phthalate	32.0	29.9		ug/L		94	1 - 152
Chrysene	32.0	30.6		ug/L		96	17 - 168
Dibenz(a,h)anthracene	32.0	33.4		ug/L		104	1 - 227
Diethyl phthalate	32.0	32.8		ug/L		102	1 - 120
Dimethyl phthalate	32.0	32.9		ug/L		103	1 - 120
Di-n-butyl phthalate	32.0	33.6		ug/L		105	1 - 120
Di-n-octyl phthalate	32.0	31.0		ug/L		97	4 - 146
Fluoranthene	32.0	35.5		ug/L		111	26 - 137
Fluorene	32.0	31.1		ug/L		97	59 - 121
Hexachlorobenzene	32.0	30.0		ug/L		94	1 - 152
Hexachlorocyclopentadiene	32.0	16.4	J	ug/L		51	5 - 120
Hexachloroethane	32.0	23.3		ug/L		73	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	34.4		ug/L		107	1 - 171
Isophorone	32.0	29.6		ug/L		93	21 - 196
Naphthalene	32.0	30.5		ug/L		95	21 - 133
Nitrobenzene	32.0	28.4		ug/L		89	35 - 180
N-Nitrosodi-n-propylamine	32.0	27.9		ug/L		87	1 - 230
N-Nitrosodiphenylamine	32.0	34.1		ug/L		107	54 - 125
Pentachlorophenol	64.0	64.6		ug/L		101	14 - 176
Phenanthrene	32.0	32.1		ug/L		100	54 - 120
Phenol	32.0	18.0	J	ug/L		56	5 - 120
Pyrene	32.0	30.5		ug/L		95	52 - 120
2,6-Dinitrotoluene	32.0	33.9		ug/L		106	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	106		52 - 151
2-Fluorobiphenyl	89		44 - 120
2-Fluorophenol	67		17 - 120
Nitrobenzene-d5	83		15 - 314
Phenol-d5	51		8 - 424
p-Terphenyl-d14	93		22 - 125

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-663341/1-A

Matrix: Water

Analysis Batch: 664112

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 663341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		03/30/23 09:31	04/06/23 02:11	1
PCB-1221	ND		0.060	0.038	ug/L		03/30/23 09:31	04/06/23 02:11	1
PCB-1232	ND		0.060	0.038	ug/L		03/30/23 09:31	04/06/23 02:11	1
PCB-1242	ND		0.060	0.038	ug/L		03/30/23 09:31	04/06/23 02:11	1
PCB-1248	ND		0.060	0.038	ug/L		03/30/23 09:31	04/06/23 02:11	1
PCB-1254	ND		0.060	0.031	ug/L		03/30/23 09:31	04/06/23 02:11	1
PCB-1260	ND		0.060	0.031	ug/L		03/30/23 09:31	04/06/23 02:11	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: MB 480-663341/1-A

Matrix: Water

Analysis Batch: 664112

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 663341

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		36 - 121	03/30/23 09:31	04/06/23 02:11	1
Tetrachloro-m-xylene	85		42 - 135	03/30/23 09:31	04/06/23 02:11	1

Lab Sample ID: LCS 480-663341/2-A

Matrix: Water

Analysis Batch: 664112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 663341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	1.07		ug/L		107	69 - 123
PCB-1260	1.00	0.926		ug/L		93	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	54		36 - 121
Tetrachloro-m-xylene	88		42 - 135

Lab Sample ID: LCSD 480-663341/3-A

Matrix: Water

Analysis Batch: 664112

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 663341

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	1.00	1.18		ug/L		118	69 - 123	9	30
PCB-1260	1.00	1.02		ug/L		102	69 - 120	10	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	55		36 - 121
Tetrachloro-m-xylene	96		42 - 135

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-663087/1-A

Matrix: Water

Analysis Batch: 663375

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 663087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		03/29/23 08:15	03/29/23 21:43	1
Copper	ND		0.010	0.0016	mg/L		03/29/23 08:15	03/29/23 21:43	1
Lead	ND		0.010	0.0030	mg/L		03/29/23 08:15	03/29/23 21:43	1
Nickel	ND		0.010	0.0013	mg/L		03/29/23 08:15	03/29/23 21:43	1
Zinc	ND		0.010	0.0015	mg/L		03/29/23 08:15	03/29/23 21:43	1

Lab Sample ID: LCS 480-663087/2-A

Matrix: Water

Analysis Batch: 663375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 663087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.200	0.213		mg/L		107	85 - 115
Copper	0.200	0.202		mg/L		101	85 - 115
Lead	0.200	0.215		mg/L		107	85 - 115

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

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

Lab Sample ID: LCS 480-663087/2-A

Matrix: Water

Analysis Batch: 663375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 663087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.200	0.208		mg/L		104	85 - 115
Zinc	0.200	0.211		mg/L		105	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-663141/1-A

Matrix: Water

Analysis Batch: 663264

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 663141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		03/29/23 11:35	03/29/23 14:58	1

Lab Sample ID: LCS 480-663141/2-A

Matrix: Water

Analysis Batch: 663264

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 663141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00688		mg/L		103	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-663902/16

Matrix: Water

Analysis Batch: 663902

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			04/04/23 12:03	1

Lab Sample ID: MB 480-663902/46

Matrix: Water

Analysis Batch: 663902

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			04/04/23 13:57	1

Lab Sample ID: LCS 480-663902/17

Matrix: Water

Analysis Batch: 663902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0901		mg/L		90	90 - 110

Lab Sample ID: LCS 480-663902/47

Matrix: Water

Analysis Batch: 663902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0981		mg/L		98	90 - 110

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

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

Lab Sample ID: MB 480-663773/1
Matrix: Water
Analysis Batch: 663773

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			04/03/23 16:56	1

Lab Sample ID: LCS 480-663773/2
Matrix: Water
Analysis Batch: 663773

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	299	282.0		mg/L		94	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-664091/1
Matrix: Water
Analysis Batch: 664091

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	7.00	7.0		SU		101	99 - 101

Lab Sample ID: 480-207307-1 DU
Matrix: Water
Analysis Batch: 664091

Client Sample ID: BCC BSA SUMP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.9	HF	8.0		SU		0.5	5
Temperature	18.5	HF	18.2		Degrees C		2	10

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-664829/27
Matrix: Water
Analysis Batch: 664829

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			04/11/23 17:35	1

Lab Sample ID: LCS 480-664829/28
Matrix: Water
Analysis Batch: 664829

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus	0.200	0.200		mg/L as P		100	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-663096/1
Matrix: Water
Analysis Batch: 663096

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			03/28/23 15:30	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

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

Lab Sample ID: LCS 480-663096/2

Matrix: Water

Analysis Batch: 663096

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	197	121.0	*-	mg/L		61	85 - 115

Lab Sample ID: 480-207307-1 DU

Matrix: Water

Analysis Batch: 663096

Client Sample ID: BCC BSA SUMP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Biochemical Oxygen Demand	2.6	*-	ND	*-	mg/L		NC	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

GC/MS VOA

Analysis Batch: 663041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-207307-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-663041/8	Method Blank	Total/NA	Water	624.1	
LCS 480-663041/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 663237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-663237/1-A	Method Blank	Total/NA	Water	625	
LCS 480-663237/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 663302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-663237/1-A	Method Blank	Total/NA	Water	625.1	663237
LCS 480-663237/2-A	Lab Control Sample	Total/NA	Water	625.1	663237

Analysis Batch: 663714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	625.1	663237

GC Semi VOA

Prep Batch: 663341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-663341/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-663341/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-663341/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 664112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	608.3	663341
MB 480-663341/1-A	Method Blank	Total/NA	Water	608.3	663341
LCS 480-663341/2-A	Lab Control Sample	Total/NA	Water	608.3	663341
LCSD 480-663341/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	663341

Metals

Prep Batch: 663087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-663087/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-663087/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 663141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-663141/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-663141/2-A	Lab Control Sample	Total/NA	Water	245.1	

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Metals

Analysis Batch: 663264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	245.1	663141
MB 480-663141/1-A	Method Blank	Total/NA	Water	245.1	663141
LCS 480-663141/2-A	Lab Control Sample	Total/NA	Water	245.1	663141

Analysis Batch: 663375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	663087
MB 480-663087/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	663087
LCS 480-663087/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	663087

General Chemistry

Analysis Batch: 663096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-663096/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-663096/2	Lab Control Sample	Total/NA	Water	SM 5210B	
480-207307-1 DU	BCC BSA SUMP	Total/NA	Water	SM 5210B	

Analysis Batch: 663773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-663773/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-663773/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 663902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-663902/16	Method Blank	Total/NA	Water	420.4	
MB 480-663902/46	Method Blank	Total/NA	Water	420.4	
LCS 480-663902/17	Lab Control Sample	Total/NA	Water	420.4	
LCS 480-663902/47	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 664091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-664091/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
480-207307-1 DU	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 664627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 664829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207307-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-664829/27	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-664829/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Eurofins Buffalo

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-207307-1

Date Collected: 03/28/23 09:30

Matrix: Water

Date Received: 03/28/23 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	663041	ATG	EET BUF	03/28/23 17:08
Total/NA	Prep	625			663237	LSC	EET BUF	03/29/23 15:04
Total/NA	Analysis	625.1		1	663714	JMM	EET BUF	04/03/23 22:40
Total/NA	Prep	3510C			663341	JMP	EET BUF	03/30/23 09:31
Total/NA	Analysis	608.3		1	664112	DSC	EET BUF	04/06/23 07:20
Total/NA	Prep	200.7			663087	VAK	EET BUF	03/29/23 08:15
Total/NA	Analysis	200.7 Rev 4.4		1	663375	LMH	EET BUF	03/29/23 22:21
Total/NA	Prep	245.1			663141	NVK	EET BUF	03/29/23 11:35
Total/NA	Analysis	245.1		1	663264	NVK	EET BUF	03/29/23 15:14
Total/NA	Analysis	420.4		1	663902	CLT	EET BUF	04/04/23 14:10
Total/NA	Analysis	SM 2540D		1	663773	SAK	EET BUF	04/03/23 16:56
Total/NA	Analysis	SM 4500 CN G		1	664627	JRS1	EET BUF	03/31/23 17:13
Total/NA	Analysis	SM 4500 H+ B		1	664091	MT	EET BUF	04/05/23 12:01
Total/NA	Analysis	SM 4500 P E		1	664829	EAG	EET BUF	04/11/23 17:35
Total/NA	Analysis	SM 5210B		1	663096	CG	EET BUF	03/28/23 15:30

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207307-2

Date Collected: 03/28/23 09:30

Matrix: Water

Date Received: 03/28/23 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	663041	ATG	EET BUF	03/28/23 17:32

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET BUF
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET BUF
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
245.1	Mercury (CVAA)	EPA	EET BUF
420.4	Phenolics, Total Recoverable	EPA	EET BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	EET BUF
SM 4500 CN G	Cyanide, Amenable	SM	EET BUF
SM 4500 H+ B	pH	SM	EET BUF
SM 4500 P E	Phosphorus	SM	EET BUF
SM 5210B	BOD, 5-Day	SM	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
245.1	Preparation, Mercury	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
625	Liquid-Liquid Extraction	EPA	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-207307-1	BCC BSA SUMP	Water	03/28/23 09:30	03/28/23 14:00
480-207307-2	TRIP BLANK	Water	03/28/23 09:30	03/28/23 14:00

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Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-207307-1

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

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
625.1	2,4-Dinitrotoluene	Water	Total/NA	ug/L	5.0	10
625.1	4-Nitrophenol	Water	Total/NA	ug/L	10	15
625.1	Hexachlorocyclopentadiene	Water	Total/NA	ug/L	5.0	10

1st QTR '18
BEA
SUMP
eurofins
Environment Testing

Chain of Custody Record

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Client Information Client Contact: Kirsten Colligan Company: Ontario Specialty Contracting, Inc. Address: 140 Lee St. City: Buffalo State, Zip: NY, 14210 Phone: 716-856-3333 Email: kcolligan@oscinc.com Project Name: OSC - Former Buffalo Color Sites/ Event Desc: Buffalo Color - Qu Site: New York		Sampler: Taylor Kunzelman Phone: 716-480-3882 Lab PM: Schove, John R E-Mail: John.Schove@eurofinsus.com Carrier Tracking No(s): OSC State of Origin: NY Page 1 of 1 Job # 16011		COC No: 490-183589-6057.1									
Due Date: 3 days TAT Requested (days): 3 days Compliance Project: Yes No PO # 6688 WO # 16011 Project # 48003159 SSOW#		Analysis Requested											
Field Filtered Sample (Yes or No)		4500_P.E - Phosphorus											
Field Filtered Sample (Yes or No)		4200_A - Phenolics, Total Recoverable											
Field Filtered Sample (Yes or No)		624_Sml - Priority Pollutant List - VOA - 62											
Field Filtered Sample (Yes or No)		608_PCB - Priority Pollutant PCBs											
Field Filtered Sample (Yes or No)		625 - Priority Pollutant List - SVOA - 6											
Field Filtered Sample (Yes or No)		5210B - Biochemical Oxygen Demand											
Field Filtered Sample (Yes or No)		2540D - Total Suspended Solids											
Field Filtered Sample (Yes or No)		SM4500CN_G - Calc - Cyanide, Amenable											
Field Filtered Sample (Yes or No)		SM4500_H+ - pH											
Field Filtered Sample (Yes or No)		Total Number of Containers											
Special Instructions/Note:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Y - Trizma Z - other (specify)											
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Solid, Overwater, BT-Tissue, A=Air)					
BCC BSA SUMP		3-28-23		9:30		G		Water					
Trip Blank		3-28-23		9:30				Water					
Possible Hazard Identification		Non-Hazard		Flammable		Skin Irritant		Poison B		Unknown		Radiological	
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:		Date/Time:		Date/Time:		Date/Time:		Date/Time:	
Relinquished by: [Signature]		3-28-23		14:00		OSC		Company		Received by: [Signature]		Date/Time: 3-28-23 14:00	
Relinquished by:		Date/Time:		Date/Time:		Date/Time:		Date/Time:		Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:		Date/Time:		Date/Time:		Date/Time:		Relinquished by:		Date/Time:	
Custody Seal Intact: Yes No		Custody Seal No: 2169644		Cooler Temperature(s) °C and Other Remarks: 3.5 ICE		Company: THB		Company:		Company:		Company:	

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Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-207307-1

Login Number: 207307

List Number: 1

Creator: Yeager, Brian A

List Source: Eurofins Buffalo

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

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment

		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41					Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27				Discharge Lines To BSA Sump						Column1
Date	Associate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Pressure PI-108D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 1 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Leak Detection Vault No. 3 Pressure PI-107F	Containment Line Pressure Gauge Checks	
1/6/2023	TK	47	46	34	22	35	42	13.7	40	20	20	20	7.64	20	13.4	38,819,184	15	22.3	1,168,525	26							
1/13/2023	TK	46	46	33	22	41	31	15.7	38	28	30	28	7.62	20	15.5	38,884,516	21	22.3	1,171,975	26							
1/20/2023	TK	46	46	34	26	41	33	15.6	39	29	29	27	7.63	21	15.5	38,948,728	23	23	1,175,249	27							
1/27/2023	TK	45	45	33	24	40	32	15.9	39	30	31	31	7.62	23	15.7	39,014,340	23	22.5	1,178,638	26							
2/3/2023	Tk	46	44	34	26	39	28	15.4	32	26	39	28	7.63	18	15.3	39,081,954	21	25.6	1,182,187	26							
2/10/2023	JL	46	45	34	24	39	32	14.5	32	27	26	26	7.57	21	14.2	39,151,364	21	25.3	1,185,789	27							
2/17/2023	JL	45	45	33	26	38	31	15.6	36	26	27	27	7.62	21	15.1	39,215,856	21	25.6	1,189,155	26							
2/24/2023	JL	46	45	33	24	40	31	15	39	30	30	30	7.66	20	15	39,278,804	21	22.5	1,192,304	26							
3/3/2023	TK	45	44	33	25	40	30	15.3	38	30	33	34	7.62	22	15.2	39,343,956	22	23.5	1,195,766	27							
3/10/2023	TK	46	45	33	23	40	30	14.5	38	30	30	32	7.64	22	14.4	39,412,848	22	22.5	1,199,426	27							
3/17/2023	TK	45	45	30	22	40	31	15.1	38	35	36	34	7.70	22	14.9	39,464,656	22	22.5	1,202,244	27							
3/24/2023	TK	45	45	30	22	37	30	14.6	36	30	30	30	7.58	22	14.4	39,518,984	20	21.8	1,205,994	27							
3/31/2023	TK	45	45	33	27	41	30	14.8	36	34	32	32	7.59	22	14.4	39,589,698	20	21.1	1,209,802	27							

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
1/1/2023													
1/2/2023					1	1		1	1	1			
1/3/2023					1			1					
1/4/2023					1	1	1	1		1			
1/5/2023								1					
1/6/2023					1	1		1	1	1			
1/7/2023													
1/8/2023													
1/9/2023					1	1		1	1	1			
1/10/2023					1	1		1		1			
1/11/2023					1	1		1					Replaced Transducer on EW-3
1/12/2023					1	1		1	1	1			Reinstalled Old Tansducer Not needed Cont Diagnosis Installed new controller No communication to controller
1/13/2023					1			1	1	1			
1/14/2023													
1/15/2023													
1/16/2023					1	1		1	3	3			
1/17/2023								1					EW-3 has power to the pump and transducer but no communication to Foxboro 718TC controller
1/18/2023					1			1	1	1			Turned Off Ew-3 Due to no communication to controller
1/19/2023					1	1	1	1					
1/20/2023					1	1		1	1	1			
1/21/2023													
1/22/2023													
1/23/2023					1			1	1	1			
1/24/2023					1	1		1	1	1			
1/25/2023					1			1					
1/26/2023								1	1	1			
1/27/2023					1	1		1	1	1			
1/28/2023													
1/29/2023													
1/30/2023					1	1		1	1	1			
1/31/2023					1			1		1			
2/1/2023					1	1	1	1	1	1	1	1	
2/2/2023								1					
2/3/2023					1	1		1	1	1			
2/4/2023					1	1		1		1			
2/5/2023													
2/6/2023					1	1		1	1	1			
2/7/2023					1			1					
2/8/2023					1			1	1	1			
2/9/2023					1	1		1					
2/10/2023					1			1	1	1			
2/11/2023													
2/12/2023													
2/13/2023					1	1		1	1	1			
2/14/2023													
2/15/2023					1			1					
2/16/2023					1	1		1					
2/17/2023					1	1		1	1	1			
2/18/2023													
2/19/2023													
2/20/2023					1	1		1	1	1			
2/21/2023					1	1		1	1	1			
2/22/2023					1			1					
2/23/2023					1	1		1					

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
2/24/2023					1			1	1	1			
2/25/2023													
2/26/2023													
2/27/2023					1	1		1	1	1			
2/28/2023								1	1				
3/1/2023								1	1	1			
3/2/2023					1	1		1	1	1			
3/3/2023													
3/4/2023													
3/5/2023													
3/6/2023					1	1	1	1	1	1			
3/7/2023					1	1		1					
3/8/2023					1	1		1	1	1			
3/9/2023					1			1		1			
3/10/2023					1	1		1	1	1			
3/11/2023													
3/12/2023													
3/13/2023					1	1		1	1	1			
3/14/2023	1												Cyclesorb carbon change
3/15/2023					1	1		1	1	1			
3/16/2023					1	1		1		1			
3/17/2023					1	1	1	1	1	1	1	1	
3/18/2023													
3/19/2023													
3/20/2023					1	1		1	1	1			
3/21/2023		1											Evoqua carbon change
3/22/2023					1	1		1		1			
3/23/2023								1	1	1			
3/24/2023								1	1	1			
3/25/2023													
3/26/2023													
3/27/2023								1	1	1			
3/28/2023								1		1			
3/29/2023					1			1		1			
3/30/2023								1	1	1			
3/31/2023					1	1		1	1	1			



July 31, 2023

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

Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #20-06-BU109
OSC Project ID: 16011

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of April 1 through June 30, 2023. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

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

Sincerely,

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

cc:	Eugene Melnyk	NYSDEC Region 9
	Megan Kuczka	NYSDEC Region 9
	John Yensan	South Buffalo Development, LLC
	Todd Waldrop	Inventum Engineering

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

**B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: April 1, 2023 through June 30, 2023**

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the EW-1, EW-2, EW-3, EW-4, and EW-5 flow totalizers, plus any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by Eurofins Laboratory located in Amherst, NY. The sample event analytical results are attached.

We have been troubleshooting EX-3 this quarter as it is only intermittently pumping. A new transducer was installed, a new pump was installed, and it has been determined there is an electric or communication issue with the extraction well.

Total Flow Data by Month:

April 2023	342,303 gallons
May 2023	385,319 gallons
June 2023	389,270 gallons

Total Quarterly Discharge 1,119,206 gallons

Estimated Area D contribution this period:
2,314 gallons

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



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

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

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No.	20-06-BU109	Effective June 1, 2020
Sample Date:	6/8/2023	
Sample Location:	Onsite Pump Station to BSA	

Year: 2023
Month: JUN

Event Group: SUMP
Lab Job ID: J209628-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	8.1	0.100	SU	8.10	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.017	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.017	Yes
Total Chromium	7440-47-3	0.0035	0.0040	mg/L	0.0004	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0027	0.010	mg/L	0.000	lbs/day	0.67	lbs/day	Yes	16	0.0027	Yes
Lead	7439-92-1	0.005	0.0050	mg/L	0.0005	lbs/day	0.541	lbs/day	Yes	65	0.0050	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0024	0.010	mg/L	0.0002	lbs/day	1.17	lbs/day	Yes	14	0.0024	Yes
Zinc	7440-66-6	0.0029	0.010	mg/L	0.000	lbs/day	2.046	lbs/day	Yes	25	0.003	Yes
Amendable Cyanide	CAN	0.051	0.010	mg/L	0.005	lbs/day	2.59	lbs/day	Yes	6.2	0.051	Yes
Total PCB	Sum Method E608	ND	0.060	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	8.6	40	ug/L	0.892	lbs/day	50	lbs/day	Yes	0.01	0.0086	Yes
Benzene	71-43-2	6.6	5	ug/L	0.0007	lbs/day	0.059	lbs/day	Yes	0.142	0.007	Yes
Chlorobenzene	108-90-7	11	5	ug/L	0.0011	lbs/day	0.129	lbs/day	Yes	0.31	0.01	Yes
1,2-Dichlorobenzene	95-50-1	ND	5	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	20	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method E624	46.2	25	ug/L	0.046	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	47.6	4.0	mg/L	47.6	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.39	0.010	mg/L	0.390	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	8.635848765	-	gpm	12,436	gpd	50,000	gpd	Yes			

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

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

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations		
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	78,489,340	4/1/2023
Final Reading	79,608,546	6/30/2023
Total Days in Period	90	
Total Flow for Period	1,119,206	gallons
Average Flow for Period	8.64	gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES

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

WASTEWATER TREATMENT PLANT

FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 851-4664
FAX: (716) 883-3789

April 30, 2020

Ms. Kirsten Colligan
Project Manager
333 Ganson Street
Buffalo, New York 14203

RECEIVED MAY 04 2020



RE: B.P.D.E.S. Permit #20-06-BU109

Dear Mr. Gabner:

Enclosed is your new BPDES Permit #20-06-BU109. This permit is issued by The Buffalo Sewer Authority.

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

If you have any further questions, please call Mike Szilagyi at 716-851-4664, ext. 5253 or myself at 716-851-4664, ext. 5250.

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

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

**PERMIT NO. 20-06-BU109
EPA 40CFR 403**

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

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

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 15, 2020** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2020

To Expire May 31, 2023



General Manager

Signed this 30th day of APRIL, 20 20

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

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

Sample		Discharge Limitations		Sampling Requirements	
Point	Parameter	Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe	Quarterly
	Total Flow	50,000 gals		Flow Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test Methods 624	⁽⁶⁾		Grab ⁽⁷⁾	Quarterly
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	⁽⁸⁾			Quarterly
	EPA Test Method 608	⁽⁹⁾		Grab	Quarterly
	Aniline	50.0 lbs	0.00	Grab	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Grab	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Grab	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	Quarterly
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	Quarterly

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

Sample Point	Parameter	Reporting	Requirements
001	All Analytes	Initial Report*	Subsequent Reports*
		July 31, 2020	October 31, 2020
			January 31, 2021
			April 30, 2021
			July 31, 2021
			October 31, 2021
			January 31, 2022
			April 30, 2022
			July 31, 2022
			October 31, 2022 **
			January 31, 2023
			April 30, 2023

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

** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

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

- (9) The permittee must report any compound whose concentration is greater than 0.30 ug/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.

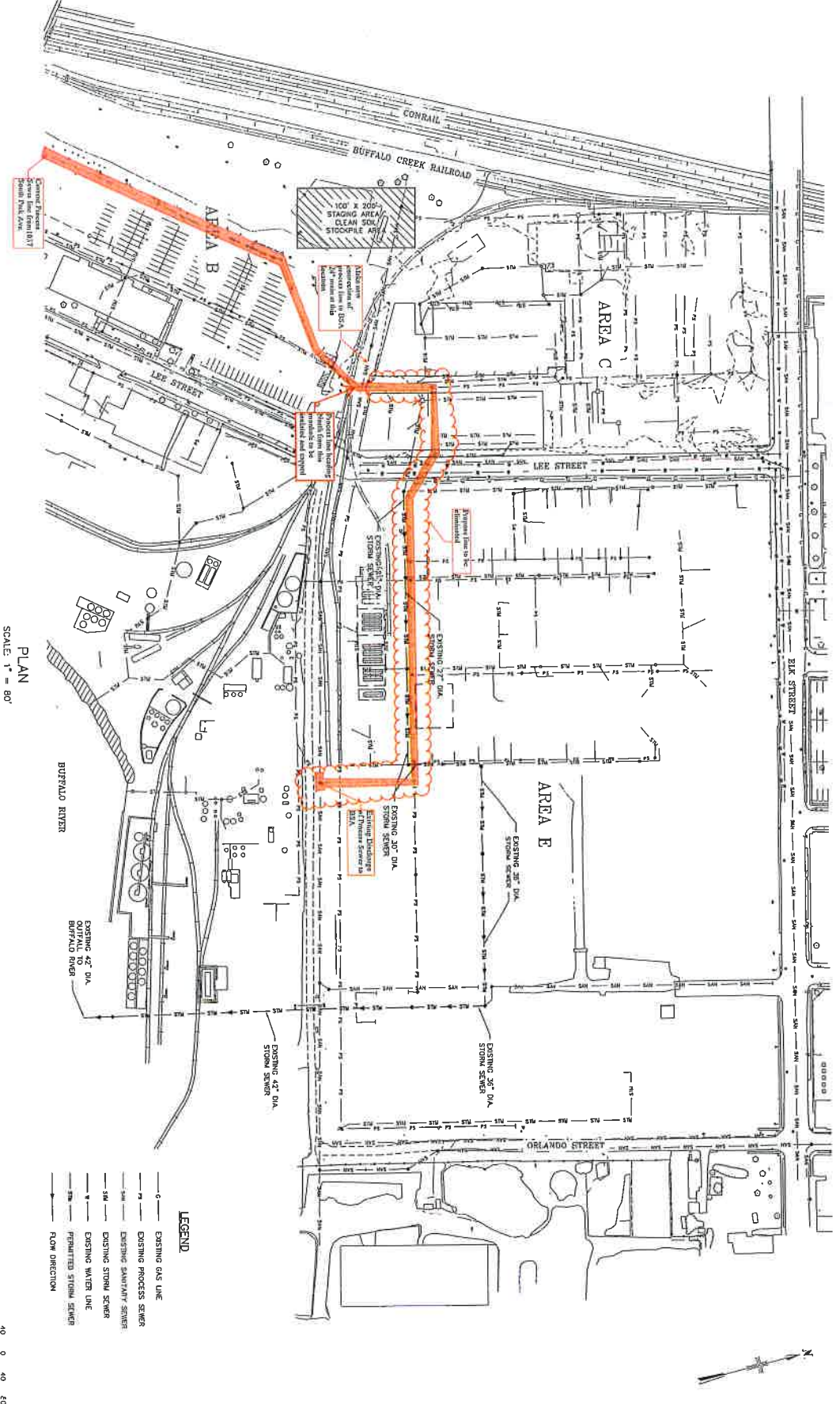
**MALCOLM
 PIRNIE**

DATE	BY	REVISIONS
02/02/2011	1	ISSUED FOR PERMIT
02/02/2011	2	REVISED FOR PERMIT
02/02/2011	3	REVISED FOR PERMIT
02/02/2011	4	REVISED FOR PERMIT
02/02/2011	5	REVISED FOR PERMIT
02/02/2011	6	REVISED FOR PERMIT
02/02/2011	7	REVISED FOR PERMIT
02/02/2011	8	REVISED FOR PERMIT
02/02/2011	9	REVISED FOR PERMIT
02/02/2011	10	REVISED FOR PERMIT
02/02/2011	11	REVISED FOR PERMIT
02/02/2011	12	REVISED FOR PERMIT
02/02/2011	13	REVISED FOR PERMIT
02/02/2011	14	REVISED FOR PERMIT
02/02/2011	15	REVISED FOR PERMIT
02/02/2011	16	REVISED FOR PERMIT
02/02/2011	17	REVISED FOR PERMIT
02/02/2011	18	REVISED FOR PERMIT
02/02/2011	19	REVISED FOR PERMIT
02/02/2011	20	REVISED FOR PERMIT
02/02/2011	21	REVISED FOR PERMIT
02/02/2011	22	REVISED FOR PERMIT
02/02/2011	23	REVISED FOR PERMIT
02/02/2011	24	REVISED FOR PERMIT
02/02/2011	25	REVISED FOR PERMIT
02/02/2011	26	REVISED FOR PERMIT
02/02/2011	27	REVISED FOR PERMIT
02/02/2011	28	REVISED FOR PERMIT
02/02/2011	29	REVISED FOR PERMIT
02/02/2011	30	REVISED FOR PERMIT
02/02/2011	31	REVISED FOR PERMIT
02/02/2011	32	REVISED FOR PERMIT
02/02/2011	33	REVISED FOR PERMIT
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02/02/2011	43	REVISED FOR PERMIT
02/02/2011	44	REVISED FOR PERMIT
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02/02/2011	90	REVISED FOR PERMIT
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02/02/2011	92	REVISED FOR PERMIT
02/02/2011	93	REVISED FOR PERMIT
02/02/2011	94	REVISED FOR PERMIT
02/02/2011	95	REVISED FOR PERMIT
02/02/2011	96	REVISED FOR PERMIT
02/02/2011	97	REVISED FOR PERMIT
02/02/2011	98	REVISED FOR PERMIT
02/02/2011	99	REVISED FOR PERMIT
02/02/2011	100	REVISED FOR PERMIT

ONTARIO SPECIALTY CONTRACTORS
 HONEYWELL / FORMER BUFFALO COLOR FACILITY
 BUFFALO, NEW YORK
 AREA C DRAINAGE DESIGN

EXISTING SITE PLAN
 SCALE: 1" = 80'

DATE: FEBRUARY 2011
 SHEET: 1 OF 3
 CAD REF. NO. 59170001



**BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
PART II: GENERAL CONDITIONS**

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

Upon written notification by the BSA that a slug control plan is necessary for the permittee, the plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines" sheet. Within 90 days of the BSA notification, the permittee must implement the slug control plan

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM - 3:00 PM call 716-851-4664, ext. 5374. After normal business hours call 716-851-4664, ext. 600. For all slug discharges, and when requested by the BSA following an accidental discharge or spill, within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 716-851-4664 ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

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

noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

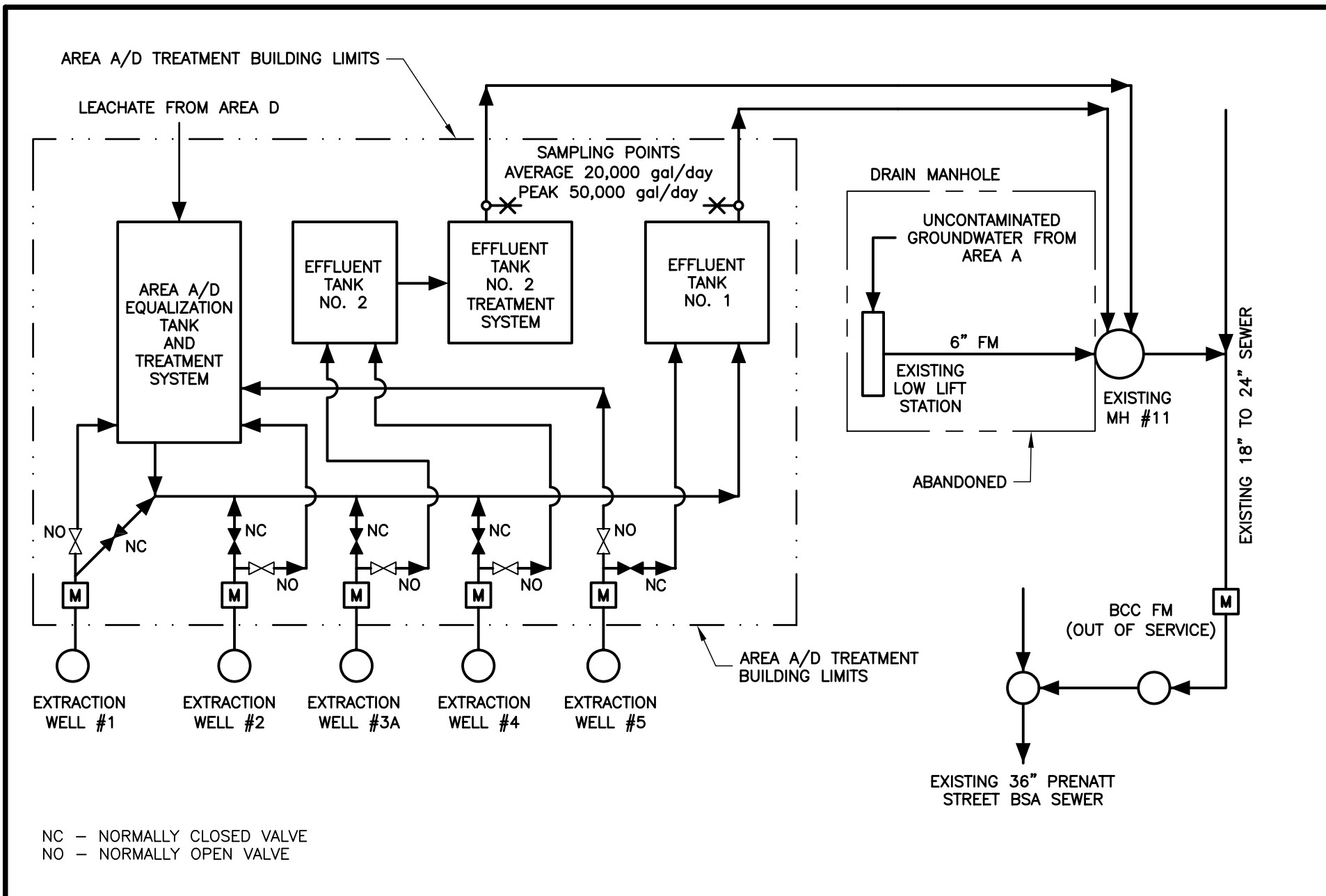
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/26/2023 3:20:03 PM

JOB DESCRIPTION

37745-Buffalo Color- Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-209628-1

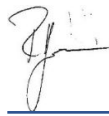
Eurofins Buffalo

Job Notes

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

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

Authorization



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Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

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

Job ID: 480-209628-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

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

General Chemistry

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

Glossary

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

Case Narrative

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

Job ID: 480-209628-1

Job ID: 480-209628-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-209628-1

Comments

No additional comments.

Receipt

The samples were received on 6/8/2023 2:05 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 14.7° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 6/8 as requested by the client: BCC BSA SUMP (480-209628-1) and TRIP BLANK (480-209628-2). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

GC/MS Semi VOA

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

GC Semi VOA

Method 608.3: Surrogate recovery for the following sample was outside control limits: BCC BSA SUMP (480-209628-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Metals

Method 200.7: The reference method requires samples to have a pH of <2 and a wait period of 24 hours after preservation.. The following sample(s) was received with a pH of >2:. The sample(s) was adjusted to the appropriate pH in the laboratory.preserved 06/07/2023 at 1348 .Second pH check 06/09/2023 at 1400.

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

General Chemistry

Method SM 4500 CN G: The laboratory control sample (LCS) for preparation batch 480-674121 and analytical batch 480-674162 recovered outside control limits for the following analytes: Cyanide, Non-amenable. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method SM 4500 CN G: The matrix spike (MS) recoveries for preparation batch 480-674121 and analytical batch 480-674162 were outside control limits. Sample matrix interference is suspected.

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP (480-209628-1).

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

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-672466.

Method 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-672575.

Case Narrative

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

Job ID: 480-209628-1

Job ID: 480-209628-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

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

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Detection Summary

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

Job ID: 480-209628-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-209628-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.6		5.0	0.60	ug/L	1		624.1	Total/NA
Chlorobenzene	11		5.0	0.48	ug/L	1		624.1	Total/NA
Aniline	8.6	J	42	1.6	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	20	J	21	1.7	ug/L	1		625.1	Total/NA
Chromium	0.0035	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0027	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0050	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0024	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0029	J B	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.017		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	47.6		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.051		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.1	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	17.3	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.39		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209628-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-209628-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-209628-1

Date Collected: 06/08/23 09:30

Matrix: Water

Date Received: 06/08/23 14:05

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/08/23 21:51	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/08/23 21:51	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/08/23 21:51	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/08/23 21:51	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/08/23 21:51	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/08/23 21:51	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/08/23 21:51	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/08/23 21:51	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/08/23 21:51	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/08/23 21:51	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/08/23 21:51	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/08/23 21:51	1
Acrolein	ND		100	17	ug/L			06/08/23 21:51	1
Acrylonitrile	ND		50	1.9	ug/L			06/08/23 21:51	1
Benzene	6.6		5.0	0.60	ug/L			06/08/23 21:51	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/08/23 21:51	1
Bromoform	ND		5.0	0.47	ug/L			06/08/23 21:51	1
Bromomethane	ND		5.0	1.2	ug/L			06/08/23 21:51	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/08/23 21:51	1
Chlorobenzene	11		5.0	0.48	ug/L			06/08/23 21:51	1
Chloroethane	ND		5.0	0.87	ug/L			06/08/23 21:51	1
Chloroform	ND		5.0	0.54	ug/L			06/08/23 21:51	1
Chloromethane	ND		5.0	0.64	ug/L			06/08/23 21:51	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/08/23 21:51	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/08/23 21:51	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/08/23 21:51	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/08/23 21:51	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/08/23 21:51	1
Toluene	ND		5.0	0.45	ug/L			06/08/23 21:51	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/08/23 21:51	1
Trichloroethene	ND		5.0	0.60	ug/L			06/08/23 21:51	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/08/23 21:51	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/08/23 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 130		06/08/23 21:51	1
4-Bromofluorobenzene (Surr)	91		76 - 123		06/08/23 21:51	1
Dibromofluoromethane (Surr)	106		75 - 123		06/08/23 21:51	1
Toluene-d8 (Surr)	91		77 - 120		06/08/23 21:51	1

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		42	0.85	ug/L		06/09/23 14:57	06/13/23 11:43	1
1,2-Dichlorobenzene	ND		42	1.1	ug/L		06/09/23 14:57	06/13/23 11:43	1
1,2-Diphenylhydrazine	ND		42	0.81	ug/L		06/09/23 14:57	06/13/23 11:43	1
1,3-Dichlorobenzene	ND		42	0.72	ug/L		06/09/23 14:57	06/13/23 11:43	1
1,4-Dichlorobenzene	ND		42	0.85	ug/L		06/09/23 14:57	06/13/23 11:43	1
2,2'-oxybis[1-chloropropane]	ND		21	0.88	ug/L		06/09/23 14:57	06/13/23 11:43	1
2,4,6-Trichlorophenol	ND		21	1.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
2,4-Dichlorophenol	ND		21	0.80	ug/L		06/09/23 14:57	06/13/23 11:43	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-209628-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-209628-1

Date Collected: 06/08/23 09:30

Matrix: Water

Date Received: 06/08/23 14:05

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		21	1.5	ug/L		06/09/23 14:57	06/13/23 11:43	1
2,4-Dinitrophenol	ND		42	5.2	ug/L		06/09/23 14:57	06/13/23 11:43	1
2,4-Dinitrotoluene	ND		21	1.7	ug/L		06/09/23 14:57	06/13/23 11:43	1
2-Chloronaphthalene	ND		21	0.95	ug/L		06/09/23 14:57	06/13/23 11:43	1
2-Chlorophenol	ND		21	0.69	ug/L		06/09/23 14:57	06/13/23 11:43	1
2-Nitrophenol	ND		21	0.73	ug/L		06/09/23 14:57	06/13/23 11:43	1
3,3'-Dichlorobenzidine	ND		21	1.7	ug/L		06/09/23 14:57	06/13/23 11:43	1
4,6-Dinitro-2-methylphenol	ND		42	1.9	ug/L		06/09/23 14:57	06/13/23 11:43	1
4-Bromophenyl phenyl ether	ND		21	1.5	ug/L		06/09/23 14:57	06/13/23 11:43	1
4-Chloro-3-methylphenol	ND		21	1.1	ug/L		06/09/23 14:57	06/13/23 11:43	1
4-Chlorophenyl phenyl ether	ND		21	1.4	ug/L		06/09/23 14:57	06/13/23 11:43	1
4-Nitrophenol	ND		42	2.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
Acenaphthene	ND		21	0.84	ug/L		06/09/23 14:57	06/13/23 11:43	1
Acenaphthylene	ND		21	0.91	ug/L		06/09/23 14:57	06/13/23 11:43	1
Aniline	8.6	J	42	1.6	ug/L		06/09/23 14:57	06/13/23 11:43	1
Anthracene	ND		21	1.5	ug/L		06/09/23 14:57	06/13/23 11:43	1
Benzidine	ND		330	56	ug/L		06/09/23 14:57	06/13/23 11:43	1
Benzo[a]anthracene	ND		21	1.1	ug/L		06/09/23 14:57	06/13/23 11:43	1
Benzo[a]pyrene	ND		21	1.4	ug/L		06/09/23 14:57	06/13/23 11:43	1
Benzo[b]fluoranthene	ND		21	1.3	ug/L		06/09/23 14:57	06/13/23 11:43	1
Benzo[g,h,i]perylene	ND		21	1.6	ug/L		06/09/23 14:57	06/13/23 11:43	1
Benzo[k]fluoranthene	ND		21	1.4	ug/L		06/09/23 14:57	06/13/23 11:43	1
Bis(2-chloroethoxy)methane	ND		21	0.78	ug/L		06/09/23 14:57	06/13/23 11:43	1
Bis(2-chloroethyl)ether	ND		21	0.97	ug/L		06/09/23 14:57	06/13/23 11:43	1
Bis(2-ethylhexyl) phthalate	ND		42	1.3	ug/L		06/09/23 14:57	06/13/23 11:43	1
Butyl benzyl phthalate	ND		21	1.1	ug/L		06/09/23 14:57	06/13/23 11:43	1
Chrysene	ND		21	1.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
Dibenz(a,h)anthracene	ND		21	1.6	ug/L		06/09/23 14:57	06/13/23 11:43	1
Diethyl phthalate	ND		21	1.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
Dimethyl phthalate	ND		21	0.95	ug/L		06/09/23 14:57	06/13/23 11:43	1
Di-n-butyl phthalate	20	J	21	1.7	ug/L		06/09/23 14:57	06/13/23 11:43	1
Di-n-octyl phthalate	ND		21	1.3	ug/L		06/09/23 14:57	06/13/23 11:43	1
Fluoranthene	ND		21	1.7	ug/L		06/09/23 14:57	06/13/23 11:43	1
Fluorene	ND		21	1.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
Hexachlorobenzene	ND		21	1.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
Hexachlorobutadiene	ND		21	1.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
Hexachlorocyclopentadiene	ND		21	2.2	ug/L		06/09/23 14:57	06/13/23 11:43	1
Hexachloroethane	ND		21	0.63	ug/L		06/09/23 14:57	06/13/23 11:43	1
Indeno[1,2,3-cd]pyrene	ND		21	1.6	ug/L		06/09/23 14:57	06/13/23 11:43	1
Isophorone	ND		21	0.77	ug/L		06/09/23 14:57	06/13/23 11:43	1
Naphthalene	ND		21	0.90	ug/L		06/09/23 14:57	06/13/23 11:43	1
Decane	ND		42	1.7	ug/L		06/09/23 14:57	06/13/23 11:43	1
Nitrobenzene	ND		21	0.84	ug/L		06/09/23 14:57	06/13/23 11:43	1
N-Nitrosodimethylamine	ND		42	0.59	ug/L		06/09/23 14:57	06/13/23 11:43	1
N-Nitrosodi-n-propylamine	ND		21	0.93	ug/L		06/09/23 14:57	06/13/23 11:43	1
N-Nitrosodiphenylamine	ND		21	0.85	ug/L		06/09/23 14:57	06/13/23 11:43	1
n-Octadecane	ND		42	1.3	ug/L		06/09/23 14:57	06/13/23 11:43	1
Pentachlorophenol	ND		42	3.3	ug/L		06/09/23 14:57	06/13/23 11:43	1
Phenanthrene	ND		21	1.3	ug/L		06/09/23 14:57	06/13/23 11:43	1

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-209628-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-209628-1

Date Collected: 06/08/23 09:30

Matrix: Water

Date Received: 06/08/23 14:05

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		21	0.36	ug/L		06/09/23 14:57	06/13/23 11:43	1
Pyrene	ND		21	1.5	ug/L		06/09/23 14:57	06/13/23 11:43	1
2,6-Dinitrotoluene	ND		21	1.0	ug/L		06/09/23 14:57	06/13/23 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		52 - 151				06/09/23 14:57	06/13/23 11:43	1
2-Fluorobiphenyl	83		44 - 120				06/09/23 14:57	06/13/23 11:43	1
2-Fluorophenol	58		17 - 120				06/09/23 14:57	06/13/23 11:43	1
Nitrobenzene-d5	67		15 - 314				06/09/23 14:57	06/13/23 11:43	1
Phenol-d5	42		8 - 424				06/09/23 14:57	06/13/23 11:43	1
p-Terphenyl-d14	78		22 - 125				06/09/23 14:57	06/13/23 11:43	1

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.057	0.036	ug/L		06/09/23 07:26	06/09/23 21:58	1
PCB-1221	ND		0.057	0.036	ug/L		06/09/23 07:26	06/09/23 21:58	1
PCB-1232	ND		0.057	0.036	ug/L		06/09/23 07:26	06/09/23 21:58	1
PCB-1242	ND		0.057	0.036	ug/L		06/09/23 07:26	06/09/23 21:58	1
PCB-1248	ND		0.057	0.036	ug/L		06/09/23 07:26	06/09/23 21:58	1
PCB-1254	ND		0.057	0.030	ug/L		06/09/23 07:26	06/09/23 21:58	1
PCB-1260	ND		0.057	0.030	ug/L		06/09/23 07:26	06/09/23 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	33	S1-	36 - 121				06/09/23 07:26	06/09/23 21:58	1
Tetrachloro-m-xylene	70		42 - 135				06/09/23 07:26	06/09/23 21:58	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0035	J	0.0040	0.0010	mg/L		06/12/23 08:09	06/16/23 01:51	1
Copper	0.0027	J	0.010	0.0016	mg/L		06/12/23 08:09	06/16/23 01:51	1
Lead	0.0050	J	0.010	0.0030	mg/L		06/12/23 08:09	06/16/23 01:51	1
Nickel	0.0024	J	0.010	0.0013	mg/L		06/12/23 08:09	06/16/23 01:51	1
Zinc	0.0029	J B	0.010	0.0015	mg/L		06/12/23 08:09	06/16/23 01:51	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		06/12/23 11:25	06/12/23 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.017		0.010	0.0035	mg/L			06/12/23 22:24	1
Cyanide, Amenable (SM 4500 CN G)	0.051		0.010	0.0050	mg/L			06/22/23 15:33	1
Phosphorus (SM 4500 P E)	0.39		0.010	0.0050	mg/L as P			06/17/23 13:24	1
Biochemical Oxygen Demand (SM 5210B)	ND		2.0	2.0	mg/L			06/09/23 11:00	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	47.6		4.0	4.0	mg/L			06/13/23 14:32	1
pH (SM 4500 H+ B)	8.1	HF	0.1	0.1	SU			06/16/23 16:04	1
Temperature (SM 4500 H+ B)	17.3	HF	0.001	0.001	Degrees C			06/16/23 16:04	1

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Client Sample Results

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

Job ID: 480-209628-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209628-2

Date Collected: 06/08/23 00:00

Matrix: Water

Date Received: 06/08/23 14:05

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/08/23 22:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/08/23 22:15	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/08/23 22:15	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/08/23 22:15	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/08/23 22:15	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/08/23 22:15	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/08/23 22:15	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/08/23 22:15	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/08/23 22:15	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/08/23 22:15	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/08/23 22:15	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/08/23 22:15	1
Acrolein	ND		100	17	ug/L			06/08/23 22:15	1
Acrylonitrile	ND		50	1.9	ug/L			06/08/23 22:15	1
Benzene	ND		5.0	0.60	ug/L			06/08/23 22:15	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/08/23 22:15	1
Bromoform	ND		5.0	0.47	ug/L			06/08/23 22:15	1
Bromomethane	ND		5.0	1.2	ug/L			06/08/23 22:15	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/08/23 22:15	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/08/23 22:15	1
Chloroethane	ND		5.0	0.87	ug/L			06/08/23 22:15	1
Chloroform	ND		5.0	0.54	ug/L			06/08/23 22:15	1
Chloromethane	ND		5.0	0.64	ug/L			06/08/23 22:15	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/08/23 22:15	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/08/23 22:15	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/08/23 22:15	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/08/23 22:15	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/08/23 22:15	1
Toluene	ND		5.0	0.45	ug/L			06/08/23 22:15	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/08/23 22:15	1
Trichloroethene	ND		5.0	0.60	ug/L			06/08/23 22:15	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/08/23 22:15	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/08/23 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		06/08/23 22:15	1
4-Bromofluorobenzene (Surr)	91		76 - 123		06/08/23 22:15	1
Dibromofluoromethane (Surr)	108		75 - 123		06/08/23 22:15	1
Toluene-d8 (Surr)	90		77 - 120		06/08/23 22:15	1

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Surrogate Summary

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

Job ID: 480-209628-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-209628-1	BCC BSA SUMP	103	91	106	91
480-209628-2	TRIP BLANK	101	91	108	90
LCS 480-672390/6	Lab Control Sample	103	91	105	91
MB 480-672390/8	Method Blank	100	91	107	89

Surrogate Legend

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

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-209628-1	BCC BSA SUMP	79	83	58	67	42	78
LCS 480-672575/2-A	Lab Control Sample	81	83	63	75	49	87
LCSD 480-672575/3-A	Lab Control Sample Dup	75	79	59	72	45	88
MB 480-672575/1-A	Method Blank	67	81	60	73	42	93

Surrogate Legend

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

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (36-121)	TCX1 (42-135)
480-209628-1	BCC BSA SUMP	33 S1-	70
LCS 480-672466/2-A	Lab Control Sample	45	63
LCSD 480-672466/3-A	Lab Control Sample Dup	51	73
MB 480-672466/1-A	Method Blank	51	73

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

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

Job ID: 480-209628-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-672390/8

Matrix: Water

Analysis Batch: 672390

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/08/23 17:39	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/08/23 17:39	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/08/23 17:39	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/08/23 17:39	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/08/23 17:39	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/08/23 17:39	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/08/23 17:39	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/08/23 17:39	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/08/23 17:39	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/08/23 17:39	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/08/23 17:39	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/08/23 17:39	1
Acrolein	ND		100	17	ug/L			06/08/23 17:39	1
Acrylonitrile	ND		50	1.9	ug/L			06/08/23 17:39	1
Benzene	ND		5.0	0.60	ug/L			06/08/23 17:39	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/08/23 17:39	1
Bromoform	ND		5.0	0.47	ug/L			06/08/23 17:39	1
Bromomethane	ND		5.0	1.2	ug/L			06/08/23 17:39	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/08/23 17:39	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/08/23 17:39	1
Chloroethane	ND		5.0	0.87	ug/L			06/08/23 17:39	1
Chloroform	ND		5.0	0.54	ug/L			06/08/23 17:39	1
Chloromethane	ND		5.0	0.64	ug/L			06/08/23 17:39	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/08/23 17:39	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/08/23 17:39	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/08/23 17:39	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/08/23 17:39	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/08/23 17:39	1
Toluene	ND		5.0	0.45	ug/L			06/08/23 17:39	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/08/23 17:39	1
Trichloroethene	ND		5.0	0.60	ug/L			06/08/23 17:39	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/08/23 17:39	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/08/23 17:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 130		06/08/23 17:39	1
4-Bromofluorobenzene (Surr)	91		76 - 123		06/08/23 17:39	1
Dibromofluoromethane (Surr)	107		75 - 123		06/08/23 17:39	1
Toluene-d8 (Surr)	89		77 - 120		06/08/23 17:39	1

Lab Sample ID: LCS 480-672390/6

Matrix: Water

Analysis Batch: 672390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.6		ug/L		98	52 - 162
1,1,1,2-Tetrachloroethane	20.0	17.5		ug/L		88	46 - 157
1,1,2-Trichloroethane	20.0	17.4		ug/L		87	52 - 150

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QC Sample Results

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

Job ID: 480-209628-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-672390/6

Matrix: Water

Analysis Batch: 672390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	17.0		ug/L		85	59 - 155
1,1-Dichloroethene	20.0	18.1		ug/L		90	1 - 234
1,2-Dichlorobenzene	20.0	18.7		ug/L		93	18 - 190
1,2-Dichloroethane	20.0	19.0		ug/L		95	49 - 155
1,2-Dichloropropane	20.0	17.3		ug/L		86	1 - 210
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	59 - 156
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	18 - 190
2-Chloroethyl vinyl ether	20.0	16.8	J	ug/L		84	1 - 305
Acrolein	100	87.7	J	ug/L		88	10 - 176
Acrylonitrile	200	181		ug/L		90	54 - 147
Benzene	20.0	17.0		ug/L		85	37 - 151
Bromodichloromethane	20.0	18.9		ug/L		94	35 - 155
Bromoform	20.0	20.2		ug/L		101	45 - 169
Bromomethane	20.0	19.6		ug/L		98	1 - 242
Carbon tetrachloride	20.0	22.3		ug/L		112	70 - 140
Chlorobenzene	20.0	18.9		ug/L		95	37 - 160
Chloroethane	20.0	18.5		ug/L		93	14 - 230
Chloroform	20.0	17.5		ug/L		87	51 - 138
Chloromethane	20.0	16.4		ug/L		82	1 - 273
cis-1,3-Dichloropropene	20.0	17.8		ug/L		89	1 - 227
Dibromochloromethane	20.0	20.8		ug/L		104	53 - 149
Ethylbenzene	20.0	17.5		ug/L		87	37 - 162
Methylene Chloride	20.0	16.9		ug/L		85	1 - 221
Tetrachloroethene	20.0	18.9		ug/L		95	64 - 148
Toluene	20.0	17.5		ug/L		88	47 - 150
trans-1,3-Dichloropropene	20.0	17.1		ug/L		85	17 - 183
Trichloroethene	20.0	19.3		ug/L		97	71 - 157
Trichlorofluoromethane	20.0	24.8		ug/L		124	17 - 181
Vinyl chloride	20.0	15.2		ug/L		76	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		68 - 130
4-Bromofluorobenzene (Surr)	91		76 - 123
Dibromofluoromethane (Surr)	105		75 - 123
Toluene-d8 (Surr)	91		77 - 120

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-672575/1-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 672575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		06/09/23 14:57	06/13/23 09:25	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		06/09/23 14:57	06/13/23 09:25	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		06/09/23 14:57	06/13/23 09:25	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		06/09/23 14:57	06/13/23 09:25	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		06/09/23 14:57	06/13/23 09:25	1

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QC Sample Results

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

Job ID: 480-209628-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-672575/1-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 672575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		06/09/23 14:57	06/13/23 09:25	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		06/09/23 14:57	06/13/23 09:25	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		06/09/23 14:57	06/13/23 09:25	1
2-Chloronaphthalene	ND		20	0.91	ug/L		06/09/23 14:57	06/13/23 09:25	1
2-Chlorophenol	ND		20	0.66	ug/L		06/09/23 14:57	06/13/23 09:25	1
2-Nitrophenol	ND		20	0.70	ug/L		06/09/23 14:57	06/13/23 09:25	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		06/09/23 14:57	06/13/23 09:25	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		06/09/23 14:57	06/13/23 09:25	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		06/09/23 14:57	06/13/23 09:25	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		06/09/23 14:57	06/13/23 09:25	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		06/09/23 14:57	06/13/23 09:25	1
4-Nitrophenol	ND		40	1.9	ug/L		06/09/23 14:57	06/13/23 09:25	1
Acenaphthene	ND		20	0.81	ug/L		06/09/23 14:57	06/13/23 09:25	1
Acenaphthylene	ND		20	0.87	ug/L		06/09/23 14:57	06/13/23 09:25	1
Aniline	ND		40	1.5	ug/L		06/09/23 14:57	06/13/23 09:25	1
Anthracene	ND		20	1.4	ug/L		06/09/23 14:57	06/13/23 09:25	1
Benzidine	ND		320	54	ug/L		06/09/23 14:57	06/13/23 09:25	1
Benzo[a]anthracene	ND		20	1.1	ug/L		06/09/23 14:57	06/13/23 09:25	1
Benzo[a]pyrene	ND		20	1.3	ug/L		06/09/23 14:57	06/13/23 09:25	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		06/09/23 14:57	06/13/23 09:25	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		06/09/23 14:57	06/13/23 09:25	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		06/09/23 14:57	06/13/23 09:25	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		06/09/23 14:57	06/13/23 09:25	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		06/09/23 14:57	06/13/23 09:25	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		06/09/23 14:57	06/13/23 09:25	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		06/09/23 14:57	06/13/23 09:25	1
Chrysene	ND		20	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		06/09/23 14:57	06/13/23 09:25	1
Diethyl phthalate	ND		20	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
Dimethyl phthalate	ND		20	0.91	ug/L		06/09/23 14:57	06/13/23 09:25	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		06/09/23 14:57	06/13/23 09:25	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		06/09/23 14:57	06/13/23 09:25	1
Fluoranthene	ND		20	1.6	ug/L		06/09/23 14:57	06/13/23 09:25	1
Fluorene	ND		20	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
Hexachlorobenzene	ND		20	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
Hexachlorobutadiene	ND		20	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		06/09/23 14:57	06/13/23 09:25	1
Hexachloroethane	ND		20	0.60	ug/L		06/09/23 14:57	06/13/23 09:25	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		06/09/23 14:57	06/13/23 09:25	1
Isophorone	ND		20	0.74	ug/L		06/09/23 14:57	06/13/23 09:25	1
Naphthalene	ND		20	0.86	ug/L		06/09/23 14:57	06/13/23 09:25	1
Decane	ND		40	1.6	ug/L		06/09/23 14:57	06/13/23 09:25	1
Nitrobenzene	ND		20	0.81	ug/L		06/09/23 14:57	06/13/23 09:25	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		06/09/23 14:57	06/13/23 09:25	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		06/09/23 14:57	06/13/23 09:25	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		06/09/23 14:57	06/13/23 09:25	1
n-Octadecane	ND		40	1.2	ug/L		06/09/23 14:57	06/13/23 09:25	1

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QC Sample Results

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

Job ID: 480-209628-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-672575/1-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 672575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		06/09/23 14:57	06/13/23 09:25	1
Phenanthrene	ND		20	1.2	ug/L		06/09/23 14:57	06/13/23 09:25	1
Phenol	ND		20	0.35	ug/L		06/09/23 14:57	06/13/23 09:25	1
Pyrene	ND		20	1.4	ug/L		06/09/23 14:57	06/13/23 09:25	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		06/09/23 14:57	06/13/23 09:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		52 - 151	06/09/23 14:57	06/13/23 09:25	1
2-Fluorobiphenyl	81		44 - 120	06/09/23 14:57	06/13/23 09:25	1
2-Fluorophenol	60		17 - 120	06/09/23 14:57	06/13/23 09:25	1
Nitrobenzene-d5	73		15 - 314	06/09/23 14:57	06/13/23 09:25	1
Phenol-d5	42		8 - 424	06/09/23 14:57	06/13/23 09:25	1
p-Terphenyl-d14	93		22 - 125	06/09/23 14:57	06/13/23 09:25	1

Lab Sample ID: LCS 480-672575/2-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 672575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	24.3	J	ug/L		76	44 - 142
1,2-Dichlorobenzene	32.0	25.6	J	ug/L		80	32 - 129
1,3-Dichlorobenzene	32.0	24.8	J	ug/L		77	1 - 172
1,4-Dichlorobenzene	32.0	25.6	J	ug/L		80	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	27.8		ug/L		87	36 - 166
2,4,6-Trichlorophenol	32.0	29.8		ug/L		93	37 - 144
2,4-Dichlorophenol	32.0	30.5		ug/L		95	39 - 135
2,4-Dimethylphenol	32.0	24.7		ug/L		77	32 - 120
2,4-Dinitrophenol	64.0	48.2		ug/L		75	1 - 191
2,4-Dinitrotoluene	32.0	31.7		ug/L		99	39 - 139
2-Chloronaphthalene	32.0	26.9		ug/L		84	60 - 120
2-Chlorophenol	32.0	28.0		ug/L		88	23 - 134
2-Nitrophenol	32.0	29.2		ug/L		91	29 - 182
3,3'-Dichlorobenzidine	64.0	54.7		ug/L		85	1 - 262
4,6-Dinitro-2-methylphenol	64.0	56.3		ug/L		88	1 - 181
4-Bromophenyl phenyl ether	32.0	29.6		ug/L		93	53 - 127
4-Chloro-3-methylphenol	32.0	30.3		ug/L		95	22 - 147
4-Chlorophenyl phenyl ether	32.0	29.1		ug/L		91	25 - 158
4-Nitrophenol	64.0	47.7		ug/L		75	1 - 132
Acenaphthene	32.0	28.2		ug/L		88	47 - 145
Acenaphthylene	32.0	32.6		ug/L		102	33 - 145
Aniline	32.0	20.6	J	ug/L		64	40 - 120
Anthracene	32.0	31.7		ug/L		99	27 - 133
Benzo[a]anthracene	32.0	29.8		ug/L		93	33 - 143
Benzo[a]pyrene	32.0	30.8		ug/L		96	17 - 163
Benzo[b]fluoranthene	32.0	31.9		ug/L		100	24 - 159
Benzo[g,h,i]perylene	32.0	30.3		ug/L		95	1 - 219
Benzo[k]fluoranthene	32.0	30.6		ug/L		96	11 - 162
Bis(2-chloroethoxy)methane	32.0	28.9		ug/L		90	33 - 184

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QC Sample Results

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

Job ID: 480-209628-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-672575/2-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 672575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	29.0		ug/L		91	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	29.9	J	ug/L		94	8 - 158
Butyl benzyl phthalate	32.0	30.7		ug/L		96	1 - 152
Chrysene	32.0	31.0		ug/L		97	17 - 168
Dibenz(a,h)anthracene	32.0	31.0		ug/L		97	1 - 227
Diethyl phthalate	32.0	31.5		ug/L		99	1 - 120
Dimethyl phthalate	32.0	31.9		ug/L		100	1 - 120
Di-n-butyl phthalate	32.0	32.3		ug/L		101	1 - 120
Di-n-octyl phthalate	32.0	30.8		ug/L		96	4 - 146
Fluoranthene	32.0	32.6		ug/L		102	26 - 137
Fluorene	32.0	31.1		ug/L		97	59 - 121
Hexachlorobenzene	32.0	29.0		ug/L		91	1 - 152
Hexachlorocyclopentadiene	32.0	11.4	J	ug/L		35	5 - 120
Hexachloroethane	32.0	22.9		ug/L		72	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.2		ug/L		97	1 - 171
Isophorone	32.0	29.2		ug/L		91	21 - 196
Naphthalene	32.0	27.0		ug/L		84	21 - 133
Nitrobenzene	32.0	27.8		ug/L		87	35 - 180
N-Nitrosodi-n-propylamine	32.0	29.3		ug/L		92	1 - 230
N-Nitrosodiphenylamine	32.0	31.3		ug/L		98	54 - 125
Pentachlorophenol	64.0	47.0		ug/L		73	14 - 176
Phenanthrene	32.0	29.9		ug/L		93	54 - 120
Phenol	32.0	18.3	J	ug/L		57	5 - 120
Pyrene	32.0	31.7		ug/L		99	52 - 120
2,6-Dinitrotoluene	32.0	30.4		ug/L		95	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	81		52 - 151
2-Fluorobiphenyl	83		44 - 120
2-Fluorophenol	63		17 - 120
Nitrobenzene-d5	75		15 - 314
Phenol-d5	49		8 - 424
p-Terphenyl-d14	87		22 - 125

Lab Sample ID: LCSD 480-672575/3-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 672575

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	24.3	J	ug/L		76	44 - 142	0	34
1,2-Dichlorobenzene	32.0	24.1	J	ug/L		75	32 - 129	6	38
1,3-Dichlorobenzene	32.0	23.6	J	ug/L		74	1 - 172	5	37
1,4-Dichlorobenzene	32.0	24.0	J	ug/L		75	20 - 124	7	40
2,2'-oxybis[1-chloropropane]	32.0	26.3		ug/L		82	36 - 166	6	36
2,4,6-Trichlorophenol	32.0	28.8		ug/L		90	37 - 144	4	20
2,4-Dichlorophenol	32.0	28.8		ug/L		90	39 - 135	6	23
2,4-Dimethylphenol	32.0	23.1		ug/L		72	32 - 120	7	18
2,4-Dinitrophenol	64.0	44.0		ug/L		69	1 - 191	9	29

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QC Sample Results

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

Job ID: 480-209628-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-672575/3-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 672575

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	32.0	29.6		ug/L		92	39 - 139	7	20
2-Chloronaphthalene	32.0	25.7		ug/L		80	60 - 120	4	30
2-Chlorophenol	32.0	25.7		ug/L		80	23 - 134	9	26
2-Nitrophenol	32.0	27.8		ug/L		87	29 - 182	5	28
3,3'-Dichlorobenzidine	64.0	50.5		ug/L		79	1 - 262	8	31
4,6-Dinitro-2-methylphenol	64.0	54.2		ug/L		85	1 - 181	4	30
4-Bromophenyl phenyl ether	32.0	29.0		ug/L		91	53 - 127	2	16
4-Chloro-3-methylphenol	32.0	28.6		ug/L		89	22 - 147	6	16
4-Chlorophenyl phenyl ether	32.0	26.7		ug/L		83	25 - 158	9	15
4-Nitrophenol	64.0	47.6		ug/L		74	1 - 132	0	24
Acenaphthene	32.0	26.6		ug/L		83	47 - 145	6	25
Acenaphthylene	32.0	30.0		ug/L		94	33 - 145	8	22
Aniline	32.0	18.0	J	ug/L		56	40 - 120	14	30
Anthracene	32.0	29.8		ug/L		93	27 - 133	6	15
Benzo[a]anthracene	32.0	29.0		ug/L		91	33 - 143	3	15
Benzo[a]pyrene	32.0	30.3		ug/L		95	17 - 163	2	15
Benzo[b]fluoranthene	32.0	30.7		ug/L		96	24 - 159	4	17
Benzo[g,h,i]perylene	32.0	29.5		ug/L		92	1 - 219	3	19
Benzo[k]fluoranthene	32.0	30.0		ug/L		94	11 - 162	2	19
Bis(2-chloroethoxy)methane	32.0	27.3		ug/L		85	33 - 184	6	23
Bis(2-chloroethyl)ether	32.0	27.2		ug/L		85	12 - 158	6	33
Bis(2-ethylhexyl) phthalate	32.0	29.8	J	ug/L		93	8 - 158	0	15
Butyl benzyl phthalate	32.0	30.0		ug/L		94	1 - 152	2	15
Chrysene	32.0	29.6		ug/L		93	17 - 168	4	15
Dibenz(a,h)anthracene	32.0	29.9		ug/L		93	1 - 227	4	18
Diethyl phthalate	32.0	29.6		ug/L		93	1 - 120	6	15
Dimethyl phthalate	32.0	29.7		ug/L		93	1 - 120	7	15
Di-n-butyl phthalate	32.0	31.3		ug/L		98	1 - 120	3	15
Di-n-octyl phthalate	32.0	30.6		ug/L		96	4 - 146	1	15
Fluoranthene	32.0	31.0		ug/L		97	26 - 137	5	15
Fluorene	32.0	29.0		ug/L		91	59 - 121	7	18
Hexachlorobenzene	32.0	27.5		ug/L		86	1 - 152	6	15
Hexachlorocyclopentadiene	32.0	11.1	J	ug/L		35	5 - 120	2	50
Hexachloroethane	32.0	20.7		ug/L		65	40 - 120	10	43
Indeno[1,2,3-cd]pyrene	32.0	30.6		ug/L		96	1 - 171	2	17
Isophorone	32.0	28.0		ug/L		87	21 - 196	4	21
Naphthalene	32.0	26.4		ug/L		82	21 - 133	2	31
Nitrobenzene	32.0	26.8		ug/L		84	35 - 180	4	27
N-Nitrosodi-n-propylamine	32.0	26.8		ug/L		84	1 - 230	9	23
N-Nitrosodiphenylamine	32.0	29.3		ug/L		92	54 - 125	6	15
Pentachlorophenol	64.0	44.8		ug/L		70	14 - 176	5	21
Phenanthrene	32.0	28.9		ug/L		90	54 - 120	3	16
Phenol	32.0	17.1	J	ug/L		53	5 - 120	7	36
Pyrene	32.0	30.6		ug/L		96	52 - 120	3	15
2,6-Dinitrotoluene	32.0	28.4		ug/L		89	50 - 158	7	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	75		52 - 151

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QC Sample Results

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

Job ID: 480-209628-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-672575/3-A

Matrix: Water

Analysis Batch: 672748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 672575

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	79		44 - 120
2-Fluorophenol	59		17 - 120
Nitrobenzene-d5	72		15 - 314
Phenol-d5	45		8 - 424
p-Terphenyl-d14	88		22 - 125

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-672466/1-A

Matrix: Water

Analysis Batch: 672568

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 672466

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.060	0.038	ug/L		06/09/23 07:26	06/09/23 17:41	1
PCB-1221	ND		0.060	0.038	ug/L		06/09/23 07:26	06/09/23 17:41	1
PCB-1232	ND		0.060	0.038	ug/L		06/09/23 07:26	06/09/23 17:41	1
PCB-1242	ND		0.060	0.038	ug/L		06/09/23 07:26	06/09/23 17:41	1
PCB-1248	ND		0.060	0.038	ug/L		06/09/23 07:26	06/09/23 17:41	1
PCB-1254	ND		0.060	0.031	ug/L		06/09/23 07:26	06/09/23 17:41	1
PCB-1260	ND		0.060	0.031	ug/L		06/09/23 07:26	06/09/23 17:41	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
DCB Decachlorobiphenyl	51		36 - 121				06/09/23 07:26	06/09/23 17:41	1
Tetrachloro-m-xylene	73		42 - 135				06/09/23 07:26	06/09/23 17:41	1

Lab Sample ID: LCS 480-672466/2-A

Matrix: Water

Analysis Batch: 672568

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 672466

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	Limits
PCB-1016	1.00	0.909		ug/L		91	69 - 123
PCB-1260	1.00	0.767		ug/L		77	69 - 120

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	45		36 - 121
Tetrachloro-m-xylene	63		42 - 135

Lab Sample ID: LCSD 480-672466/3-A

Matrix: Water

Analysis Batch: 672568

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 672466

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier			Limits	Limits	RPD	Limit
PCB-1016	1.00	1.04		ug/L		104	69 - 123	13	30
PCB-1260	1.00	0.882		ug/L		88	69 - 120	14	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	51		36 - 121
Tetrachloro-m-xylene	73		42 - 135

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QC Sample Results

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

Job ID: 480-209628-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-672572/1-A

Matrix: Water

Analysis Batch: 673342

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 672572

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		06/12/23 08:09	06/16/23 00:57	1
Copper	ND		0.010	0.0016	mg/L		06/12/23 08:09	06/16/23 00:57	1
Lead	ND		0.010	0.0030	mg/L		06/12/23 08:09	06/16/23 00:57	1
Nickel	ND		0.010	0.0013	mg/L		06/12/23 08:09	06/16/23 00:57	1
Zinc	0.00154	J	0.010	0.0015	mg/L		06/12/23 08:09	06/16/23 00:57	1

Lab Sample ID: LCS 480-672572/2-A

Matrix: Water

Analysis Batch: 673342

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 672572

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.201	0.208		mg/L		104	85 - 115
Copper	0.200	0.201		mg/L		100	85 - 115
Lead	0.200	0.204		mg/L		102	85 - 115
Nickel	0.200	0.199		mg/L		100	85 - 115
Zinc	0.200	0.211		mg/L		105	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-672707/1-A

Matrix: Water

Analysis Batch: 672817

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 672707

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		06/12/23 11:25	06/12/23 15:09	1

Lab Sample ID: LCS 480-672707/2-A

Matrix: Water

Analysis Batch: 672817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 672707

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00599		mg/L		90	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-672842/157

Matrix: Water

Analysis Batch: 672842

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			06/12/23 21:01	1

Lab Sample ID: MB 480-672842/73

Matrix: Water

Analysis Batch: 672842

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			06/12/23 15:48	1

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QC Sample Results

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

Job ID: 480-209628-1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: LCS 480-672842/158

Matrix: Water

Analysis Batch: 672842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0980		mg/L		98	90 - 110

Lab Sample ID: LCS 480-672842/74

Matrix: Water

Analysis Batch: 672842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0990		mg/L		99	90 - 110

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

Lab Sample ID: MB 480-672927/1

Matrix: Water

Analysis Batch: 672927

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			06/13/23 14:32	1

Lab Sample ID: LCS 480-672927/2

Matrix: Water

Analysis Batch: 672927

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	273	265.2		mg/L		97	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-673443/1

Matrix: Water

Analysis Batch: 673443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	7.00	7.0		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-673452/27

Matrix: Water

Analysis Batch: 673452

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			06/17/23 13:24	1

Lab Sample ID: LCS 480-673452/28

Matrix: Water

Analysis Batch: 673452

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

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QC Sample Results

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

Job ID: 480-209628-1

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-672593/1

Matrix: Water

Analysis Batch: 672593

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			06/09/23 11:00	1

Lab Sample ID: LCS 480-672593/2

Matrix: Water

Analysis Batch: 672593

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	199	189.0		mg/L		95	85 - 115

QC Association Summary

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

Job ID: 480-209628-1

GC/MS VOA

Analysis Batch: 672390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-209628-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-672390/8	Method Blank	Total/NA	Water	624.1	
LCS 480-672390/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 672575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-672575/1-A	Method Blank	Total/NA	Water	625	
LCS 480-672575/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-672575/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 672748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	625.1	672575
MB 480-672575/1-A	Method Blank	Total/NA	Water	625.1	672575
LCS 480-672575/2-A	Lab Control Sample	Total/NA	Water	625.1	672575
LCSD 480-672575/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	672575

GC Semi VOA

Prep Batch: 672466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-672466/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-672466/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-672466/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 672568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	608.3	672466
MB 480-672466/1-A	Method Blank	Total/NA	Water	608.3	672466
LCS 480-672466/2-A	Lab Control Sample	Total/NA	Water	608.3	672466
LCSD 480-672466/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	672466

Metals

Prep Batch: 672572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-672572/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-672572/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 672707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-672707/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-672707/2-A	Lab Control Sample	Total/NA	Water	245.1	

Eurofins Buffalo

QC Association Summary

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

Job ID: 480-209628-1

Metals

Analysis Batch: 672817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	245.1	672707
MB 480-672707/1-A	Method Blank	Total/NA	Water	245.1	672707
LCS 480-672707/2-A	Lab Control Sample	Total/NA	Water	245.1	672707

Analysis Batch: 673342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	672572
MB 480-672572/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	672572
LCS 480-672572/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	672572

General Chemistry

Analysis Batch: 672593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-672593/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-672593/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 672842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-672842/157	Method Blank	Total/NA	Water	420.4	
MB 480-672842/73	Method Blank	Total/NA	Water	420.4	
LCS 480-672842/158	Lab Control Sample	Total/NA	Water	420.4	
LCS 480-672842/74	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 672927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-672927/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-672927/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 673443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-673443/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 673452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-673452/27	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-673452/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 674389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209628-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

Job ID: 480-209628-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-209628-1

Date Collected: 06/08/23 09:30

Matrix: Water

Date Received: 06/08/23 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	672390	ATG	EET BUF	06/08/23 21:51
Total/NA	Prep	625			672575	LSC	EET BUF	06/09/23 14:57
Total/NA	Analysis	625.1		1	672748	JMM	EET BUF	06/13/23 11:43
Total/NA	Prep	3510C			672466	SMP	EET BUF	06/09/23 07:26
Total/NA	Analysis	608.3		1	672568	W1T	EET BUF	06/09/23 21:58
Total/NA	Prep	200.7			672572	MP	EET BUF	06/12/23 08:09
Total/NA	Analysis	200.7 Rev 4.4		1	673342	LMH	EET BUF	06/16/23 01:51
Total/NA	Prep	245.1			672707	NVK	EET BUF	06/12/23 11:25
Total/NA	Analysis	245.1		1	672817	NVK	EET BUF	06/12/23 15:31
Total/NA	Analysis	420.4		1	672842	CLT	EET BUF	06/12/23 22:24
Total/NA	Analysis	SM 2540D		1	672927	CRM	EET BUF	06/13/23 14:32
Total/NA	Analysis	SM 4500 CN G		1	674389	DLG	EET BUF	06/22/23 15:33
Total/NA	Analysis	SM 4500 H+ B		1	673443	DLG	EET BUF	06/16/23 16:04
Total/NA	Analysis	SM 4500 P E		1	673452	DLG	EET BUF	06/17/23 13:24
Total/NA	Analysis	SM 5210B		1	672593	CG	EET BUF	06/09/23 11:00

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209628-2

Date Collected: 06/08/23 00:00

Matrix: Water

Date Received: 06/08/23 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	672390	ATG	EET BUF	06/08/23 22:15

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-209628-1

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

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

Job ID: 480-209628-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET BUF
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET BUF
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
245.1	Mercury (CVAA)	EPA	EET BUF
420.4	Phenolics, Total Recoverable	EPA	EET BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	EET BUF
SM 4500 CN G	Cyanide, Amenable	SM	EET BUF
SM 4500 H+ B	pH	SM	EET BUF
SM 4500 P E	Phosphorus	SM	EET BUF
SM 5210B	BOD, 5-Day	SM	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
245.1	Preparation, Mercury	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
625	Liquid-Liquid Extraction	EPA	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 480-209628-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-209628-1	BCC BSA SUMP	Water	06/08/23 09:30	06/08/23 14:05
480-209628-2	TRIP BLANK	Water	06/08/23 00:00	06/08/23 14:05

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

Quantitation Limit Exceptions Summary

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

Job ID: 480-209628-1

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

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
625.1	2,4-Dinitrotoluene	Water	Total/NA	ug/L	5.0	10
625.1	4-Nitrophenol	Water	Total/NA	ug/L	10	15
625.1	Hexachlorocyclopentadiene	Water	Total/NA	ug/L	5.0	10

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins

Client Information Client Name: <u>Taylor Kunzelman</u> Client Contact: <u>716-480-3282</u> Company: <u>Ontario Specialty Contracting, Inc.</u>		Lab PM: <u>Schove, John R</u> E-Mail: <u>John.Schove@et.eurofins.com</u> Carrier Tracking No(s): <u>OSC</u> State of Origin: <u>NY</u>		COC No: <u>480-184419-6057 1</u> Page: <u>1 of 1</u> Job #: <u>16011</u>	
Address: <u>140 Lee St</u> City: <u>Buffalo</u> State: <u>NY</u> Zip: <u>14210</u> Phone: <u>716-856-3333</u> Email: <u>ksolligan@oscinc.com</u>		Analysis Requested Due Date Requested: _____ TAT Requested (days): <u>2 weeks</u> Compliance Project: ☐ Yes ☒ No PO #: <u>65241</u> WO #: _____ Project #: <u>48003159</u> Site: <u>New York</u>			
Project Name: <u>OSC - Former Buffalo Color Sites/ Event Desc. Buffalo Color - Qu</u> Site: <u>New York</u>		Barcode:  480-209628 Chain of Custody			
Sample Identification Sample Name: <u>BCC BSA SUMP</u> Trip Blank: ☐		Matrix: <u>Water</u> Sample Type (C=Comp, G=grab): <u>9:30</u> Sample Date: <u>9:30</u> Sample Time: _____ Preservation Code: _____			
Field Filtered Sample (Yes or No) ☒		Perform MS/MSD (Yes or No) ☒			
4500_P_E - Phosphorus		200.7, 245.1			
420.4 - Phenolics, Total Recoverable		624.5ml - Priority Pollutant List - VOA - 62			
608_PCB - Priority Pollutant PCBs		625 - Priority Pollutant List - SVOA - 6			
5210B - Biochemical Oxygen Demand		2540D - Total Suspended Solids			
SM4500CN_G_Calc - Cyanide, Amenable		SM4500_H+ - pH			
Total Number of Containers: <u>1</u>		Special Instructions/Note: _____			
U - Acetone V - MCAA W - pH 4.5 Y - Trizma Z - other (specify)		J - DI Water K - EDTA L - EDA Other: _____			

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Deliverable Requested: I, II, III, IV, Other (specify) _____	
Empty Kit Relinquished by: _____		Date: _____	
Relinquished by: <u>John R. Schove</u>		Date/Time: <u>6-8-23 14:05</u>	
Relinquished by: _____		Date/Time: _____	
Relinquished by: _____		Date/Time: _____	
Custody Seals Intact: <u>Yes</u>		Custody Seal No.: _____	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-209628-1

Login Number: 209628

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

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

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment																										
		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27			Discharge Lines To BSA Sump					
Date	Associate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks	Column1
4/7/2023	TK	45	43	33	25	40	31	14.8	36	30	33	33	7.69	22	14.6	39,653,380	22	22.1	1,213,467	27						40866847
4/14/2023	TK	45	43	33	24	40	30	15.1	36	32	33	33	7.68	22	14.8	39,718,872	22	22	1,217,299	27						40936171
4/21/2023	TK	45	43	32	24	40	30	15.2	36	30	30	30	7.67	22	14.9	39,783,076	22	21	1,220,673	27						41003749
4/28/2023	TK	45	44	33	25	40	30	14.9	36	30	33	33	7.73	22	14.6	39,850,180	22	21.5	1,224,336	27						41074516
5/5/2023	TK	45	44	33	25	40	30	14.6	36	32	34	34	7.84	22	14.4	39,915,632	24	21.5	1,227,892	27						41143524
5/12/2023	TK	45	43	33	23	38	28	14.5	36	30	33	33	7.77	22	14.4	39,983,860	26	21.3	1,231,550	27						41215410
5/19/2023	TK	45	43	33	26	40	30	14.4	38	32	35	35	7.84	22	14.2	40,050,296	26	21.2	1,234,919	27						41285215
5/26/2023	TK	45	43	33	25	40	30	14.1	36	32	33	33	7.84	22	14.1	40,116,120	26	21.3	1,238,288	27						41354408
6/2/2023	TK	45	43	33	25	40	30	13.9	38	30	34	34	7.89	22	13.6	40,182,584	26	21.8	1,241,831	27						41424415
6/9/2023	TK	45	45	33	25	40	30	13.6	40	32	35	35	7.71	22	13.5	40,255,520	26	21.3	1,245,454	27						41500974
6/16/2023	TK	45	44	32	23	40	30	13.5	40	32	34	34	7.79	22	13.3	40,320,644	26	21.3	1,248,798	27						41569442
6/23/2023	TK	45	44	32	23	40	30	13.5	38	30	34	34	7.84	22	13.2	40,388,368	26	21.3	1,252,136	27						41640504
6/30/2023	TK	45	45	32	24	40	30	13.2	38	32	35	35	7.59	22	13	40,460,820	26	21.9	1,255,762	27						41716582

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
4/1/2022					1	1		1	1	1			
4/2/2022													
4/3/2022													
4/1/2023													
4/2/2023													
4/3/2023					1	1		1	1	1			
4/4/2023								1		1			
4/5/2023								1	1	1			
4/6/2023								1		1			
4/7/2023					1			1	1	1			
4/8/2023													
4/9/2023													
4/10/2023					1	1		1	1	1			
4/11/2023								1		1			
4/12/2023								1	1	1			
4/13/2023								1		1			
4/14/2023					1			1	1	1			
4/15/2023													
4/16/2023													
4/17/2023					1	1		1	1	1			
4/18/2023								1		1			
4/19/2023					1			1					
4/20/2023								1	1	1			
4/21/2023								1	2	2			
4/22/2023													
4/23/2023													
4/24/2023							1	1	2	2			
4/25/2023								1	1	2			
4/26/2023								1	1	1			
4/27/2023								1		1			
4/28/2023					1	1		1	1	1			
4/29/2023													
4/30/2023													
5/1/2023					1	1	1	1	2	2			
5/2/2023								1	1	1			
5/3/2023								1	1	1			
5/4/2023					1			1	1	1			
5/5/2023								1	2	2			
5/6/2023													
5/7/2023													
5/8/2023					1	1		1	1	1			
5/9/2023								1	1	1			
5/10/2023								1	1	1			
5/11/2023								1	1	1			
5/12/2023								1	2	2			
5/13/2023													
5/14/2023													
5/15/2023					1	1		1	2	2			
5/16/2023								1	1	1			
5/17/2023								1	2	1			
5/18/2023								1	1				
5/19/2023								1	2	1			
5/20/2023													
5/21/2023													
5/22/2023					1	1		1	1	1			
5/23/2023								1	1	1			
5/24/2023								1	1	1			
5/25/2023								1	2	2			
5/26/2023					1	1		1	2	2			

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
5/27/2023													
5/28/2023													
5/29/2023					1	1		1	1	1			
5/30/2023								1	1	1			
5/31/2023								1	2	2			
6/1/2023								1	1	1			
6/2/2023								1	1	1			
6/3/2023													
6/4/2023								1	1	1			System down 6:25 am Back up 11:30 am
6/5/2023					1	1	1	1	1	1			
6/6/2023								1	4	4			
6/7/2023						1	1	1	1	1			
6/8/2023								1	1	1			
6/9/2023								1	2	2			
6/10/2023													
6/11/2023													
6/12/2023					1	1		1	2	2			
6/13/2023								1	1	1			
6/14/2023								1	1	1			
6/15/2023								1	1	1			
6/16/2023								1	2	2			
6/17/2023													
6/18/2023													
6/19/2023					1	1		1	2	2			
6/20/2023								1	1	1			
6/21/2023								1	1	1			
6/22/2023								1	1	1			
6/23/2023					1	1		1	2	2			
6/24/2023								1	1	1			system down 6:14 AM back up 12:00 PM
6/25/2023					1			1	1	1			
6/26/2023								1	1	1			
6/27/2023								1	1	1			
6/28/2023								1	1	1			
6/29/2023								1	1	1			
6/30/2023					1	1		1	2	2			



November 20, 2023

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

**Subject: South Buffalo Development Corporation, LLC
Former Buffalo Color Corporation Site
Permit #20-06-BU109
OSC Project ID: 16011**

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of July 1 through September 30, 2023. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

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

Sincerely,

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

cc:	Eugene Melnyk	NYSDEC Region 9
	Megan Kuczka	NYSDEC Region 9
	John Yensan	South Buffalo Development, LLC
	Todd Waldrop	Inventum Engineering

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

**B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: July 1, 2023 through September 30, 2023**

The following is the discharge data associated with the operations of the former Buffalo Color Corporation Area A and D Groundwater Extraction System throughout the reporting period. A schematic representing the current locations for discharge sampling is provided as an attachment. The monthly flow data presented is based upon flow data from the EW-1, EW-2, EW-3, EW-4, and EW-5 flow totalizers, plus any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by Eurofins Laboratory located in Amherst, NY. The sample event analytical results are attached.

EX-3 remains down during the reporting period and will likely be replaced when the new system is installed.

Total Flow Data by Month:

July 2023	378,527 gallons
August 2023	330,269 gallons
September 2023	308,796 gallons

Total Quarterly Discharge 1,020,211 gallons

**Estimated Area D contribution this period:
2,619 gallons**

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



Kirsten Colligan
Project Manager

Ontario Specialty Contracting, Inc.

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

BSA Permit Analytical Summary Table

**Compliance Confirmation
Discharge Monitoring Report**

BSA Permit No.	20-06-BU109	Effective June 1, 2020
Sample Date:	9/22/2023	
Sample Location:	Onsite Pump Station to BSA	

Year: 2023
Month: SEP

Event Group: SUMP
Lab Job ID: J213018-1

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	8.0	0.100	SU	8.00	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.034	0.010	mg/L	0.003	lbs/day	1.67	lbs/day	Yes	20	0.034	Yes
Total Chromium	7440-47-3	0.0062	0.0040	mg/L	0.0006	lbs/day	0.83	lbs/day	Yes	40	0.01	Yes
Total Copper	7440-50-8	0.0035	0.010	mg/L	0.000	lbs/day	0.67	lbs/day	Yes	16	0.0035	Yes
Lead	7439-92-1	0.0039	0.0050	mg/L	0.0004	lbs/day	0.541	lbs/day	Yes	65	0.0039	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0039	0.010	mg/L	0.0004	lbs/day	1.17	lbs/day	Yes	14	0.0039	Yes
Zinc	7440-66-6	0.0036	0.010	mg/L	0.000	lbs/day	2.046	lbs/day	Yes	25	0.004	Yes
Amendable Cyanide	CAN	0.034	0.010	mg/L	0.003	lbs/day	2.59	lbs/day	Yes	6.2	0.034	Yes
Total PCB	Sum Method E608	ND	0.060	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	8.6	40	ug/L	0.805	lbs/day	50	lbs/day	Yes	0.01	0.0086	Yes
Benzene	71-43-2	ND	5	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	ND	5	ug/L	ND	lbs/day	0.129	lbs/day	Yes	0.31	ND	Yes
1,2-Dichlorobenzene	95-50-1	ND	5	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	20	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method E624	45.6	25	ug/L	0.046	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	56.4	4.0	mg/L	56.4	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.25	0.010	mg/L	0.250	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	7.785492979	-	gpm	11,211	gpd	50,000	gpd	Yes			

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

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

MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations			
Combined Effluent No. 1 and No. 2 Flow Totals (gallons)			
Initial Reading	65,683,289	0	7/1/2023
Final Reading	66,703,500	2619	9/30/2023
Total Days in Period	91		
Total Flow for Period	1,020,211		gallons
Average Flow for Period	7.79		gpm

BSA Discharge Permit



ADMINISTRATIVE OFFICES

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

WASTEWATER TREATMENT PLANT

FOOT OF WEST FERRY
90 WEST FERRY STREET
BUFFALO, NY 14213-1799
PHONE: (716) 851-4664
FAX: (716) 883-3789

April 30, 2020

Ms. Kirsten Colligan
Project Manager
333 Ganson Street
Buffalo, New York 14203

RECEIVED MAY 04 2020



RE: B.P.D.E.S. Permit #20-06-BU109

Dear Mr. Gabner:

Enclosed is your new BPDES Permit #20-06-BU109. This permit is issued by The Buffalo Sewer Authority.

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

If you have any further questions, please call Mike Szilagyi at 716-851-4664, ext. 5253 or myself at 716-851-4664, ext. 5250.

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

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

**PERMIT NO. 20-06-BU109
EPA 40CFR 403**

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

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

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **February 15, 2020** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this June 1, 2020

To Expire May 31, 2023



General Manager

Signed this 30th day of APRIL, 20 20

PART I: SPECIFIC CONDITIONS**A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS**

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

Sample		Discharge Limitations		Sampling Requirements	
Point	Parameter	Daily Max	MAID* (mg/L)	Type	Frequency
001	pH ⁽¹⁾	5.0 - 12.0 SU		Probe	Quarterly
	Total Flow	50,000 gals		Flow Meter ⁽²⁾	Continuous
	BOD ₅	250 mg/L ⁽³⁾		Composite ⁽⁴⁾	Quarterly
	Total Suspended Solids	250 mg/L ⁽³⁾		Composite	Quarterly
	Total Phosphate	15.35 mg/L ⁽³⁾		Composite	Quarterly
	Total Phenol ⁽⁵⁾	1.67 lbs	20.0	Composite	Quarterly
	Amenable Cyanide	2.59 lbs	6.2	Grab ⁽⁷⁾	Quarterly
	Total Mercury	0.00033 lbs	0.0008	Composite	Quarterly
	Total Nickel	1.17 lbs	14.0	Composite	Quarterly
	Total Copper	0.67 lbs	16.0	Composite	Quarterly
	Total Chromium	0.83 lbs	40.0	Composite	Quarterly
	Lead	0.541 lbs	65.0	Composite	Quarterly
	Zinc	2.046 lbs	25.0	Composite	Quarterly
	Purgeables-EPA Test Methods 624	⁽⁶⁾		Grab ⁽⁷⁾	Quarterly
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	⁽⁸⁾			Quarterly
	EPA Test Method 608	⁽⁹⁾		Grab	Quarterly
	Aniline	50.0 lbs	0.00	Grab	Quarterly
	Benzene	0.059 lbs	0.142 mg/L	Grab	Quarterly
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	Quarterly
	1, 2-Dichlorobenzene	0.197 lbs.	0.472 mg/L	Grab	Quarterly
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	Quarterly
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	Quarterly
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	Quarterly

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

Sample Point	Parameter	Reporting	Requirements
001	All Analytes	Initial Report*	Subsequent Reports*
		July 31, 2020	October 31, 2020
			January 31, 2021
			April 30, 2021
			July 31, 2021
			October 31, 2021
			January 31, 2022
			April 30, 2022
			July 31, 2022
			October 31, 2022 **
			January 31, 2023
			April 30, 2023

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

** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

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

- (9) The permittee must report any compound whose concentration is greater than 0.30 ug/L. The permittee is not authorized to discharge any of the parameters evaluated by these test procedures which may cause or contribute to a violation of water quality standards, worker health or safety limits or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this permit.

**BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
PART II: GENERAL CONDITIONS**

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

Upon written notification by the BSA that a slug control plan is necessary for the permittee, the plan shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines" sheet. Within 90 days of the BSA notification, the permittee must implement the slug control plan

4. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant of the quantity and character of such discharge. During normal business hours, Monday – Friday, 7:30 AM - 3:00 PM call 716-851-4664, ext. 5374. After normal business hours call 716-851-4664, ext. 600. For all slug discharges, and when requested by the BSA following an accidental discharge or spill, within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

5. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 716-851-4664 ext. 5374 within twenty-four (24) hours of becoming aware of the violation. The permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

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

noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

10. Treatment Bypasses

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

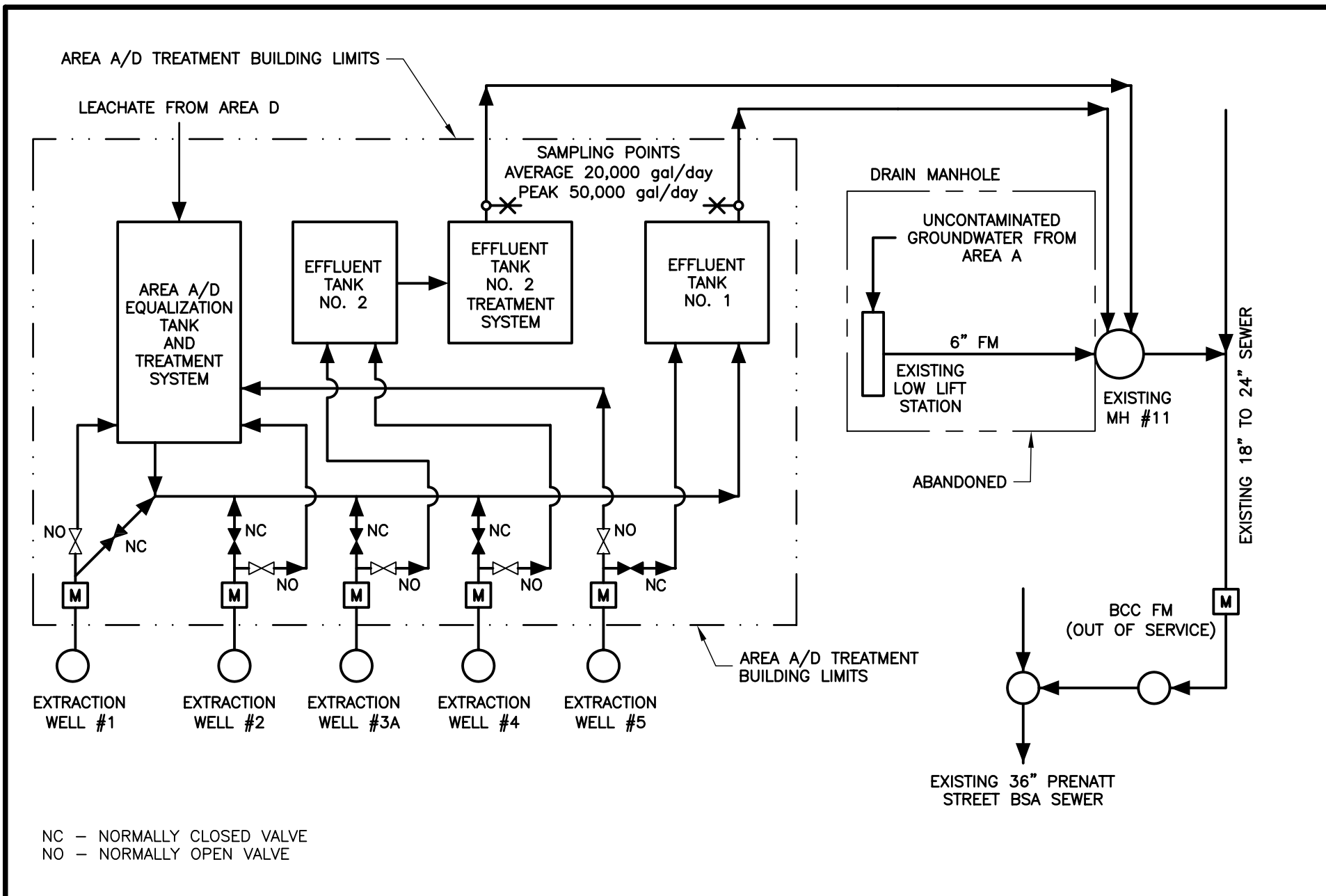
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY



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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/29/2023 3:57:33 PM

JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-213018-1

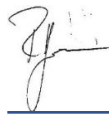
Eurofins Buffalo

Job Notes

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

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

Authorization



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Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD 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.

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

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

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Job ID: 480-213018-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-213018-1

Receipt

The samples were received on 9/22/2023 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 17.8° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 09/26/2023 as requested by the client: BCC BSA SUMP (480-213018-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

GC/MS Semi VOA

Method 625.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-685262 and analytical batch 480-685472 recovered outside control limits for multiple analytes.

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

GC Semi VOA

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

Metals

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

General Chemistry

Methods 9040B, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP (480-213018-1).

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

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-685259.

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: Quarterly BSA SUMP

Job ID: 480-213018-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-213018-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	8.6	J	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	37	*1	20	1.6	ug/L	1		625.1	Total/NA
Chromium	0.0062		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0035	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0039	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0039	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0036	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.034		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	56.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.034		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.0	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	18.0	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.25		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-213018-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.76	J	5.0	0.48	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-213018-1

Date Collected: 09/22/23 08:00

Matrix: Water

Date Received: 09/22/23 15:30

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/26/23 12:58	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/26/23 12:58	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/26/23 12:58	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/26/23 12:58	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/26/23 12:58	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/26/23 12:58	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/26/23 12:58	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/26/23 12:58	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/26/23 12:58	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/26/23 12:58	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/26/23 12:58	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/26/23 12:58	1
Acrolein	ND		100	17	ug/L			09/26/23 12:58	1
Acrylonitrile	ND		50	1.9	ug/L			09/26/23 12:58	1
Benzene	ND		5.0	0.60	ug/L			09/26/23 12:58	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/26/23 12:58	1
Bromoform	ND		5.0	0.47	ug/L			09/26/23 12:58	1
Bromomethane	ND		5.0	1.2	ug/L			09/26/23 12:58	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/26/23 12:58	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/26/23 12:58	1
Chloroethane	ND		5.0	0.87	ug/L			09/26/23 12:58	1
Chloroform	ND		5.0	0.54	ug/L			09/26/23 12:58	1
Chloromethane	ND		5.0	0.64	ug/L			09/26/23 12:58	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/26/23 12:58	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/26/23 12:58	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/26/23 12:58	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/26/23 12:58	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/26/23 12:58	1
Toluene	ND		5.0	0.45	ug/L			09/26/23 12:58	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/26/23 12:58	1
Trichloroethene	ND		5.0	0.60	ug/L			09/26/23 12:58	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/26/23 12:58	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/26/23 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 130		09/26/23 12:58	1
4-Bromofluorobenzene (Surr)	98		76 - 123		09/26/23 12:58	1
Dibromofluoromethane (Surr)	100		75 - 123		09/26/23 12:58	1
Toluene-d8 (Surr)	86		77 - 120		09/26/23 12:58	1

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		09/27/23 14:35	09/29/23 13:29	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
1,2-Diphenylhydrazine	ND	*1	40	0.78	ug/L		09/27/23 14:35	09/29/23 13:29	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		09/27/23 14:35	09/29/23 13:29	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		09/27/23 14:35	09/29/23 13:29	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		09/27/23 14:35	09/29/23 13:29	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		09/27/23 14:35	09/29/23 13:29	1

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-213018-1

Date Collected: 09/22/23 08:00

Matrix: Water

Date Received: 09/22/23 15:30

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND	*1	20	1.4	ug/L		09/27/23 14:35	09/29/23 13:29	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
2,4-Dinitrotoluene	ND	*1	20	1.6	ug/L		09/27/23 14:35	09/29/23 13:29	1
2-Chloronaphthalene	ND		20	0.91	ug/L		09/27/23 14:35	09/29/23 13:29	1
2-Chlorophenol	ND		20	0.66	ug/L		09/27/23 14:35	09/29/23 13:29	1
2-Nitrophenol	ND		20	0.70	ug/L		09/27/23 14:35	09/29/23 13:29	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		09/27/23 14:35	09/29/23 13:29	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		09/27/23 14:35	09/29/23 13:29	1
4-Bromophenyl phenyl ether	ND	*1	20	1.4	ug/L		09/27/23 14:35	09/29/23 13:29	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		09/27/23 14:35	09/29/23 13:29	1
4-Chlorophenyl phenyl ether	ND	*1	20	1.3	ug/L		09/27/23 14:35	09/29/23 13:29	1
4-Nitrophenol	ND		40	1.9	ug/L		09/27/23 14:35	09/29/23 13:29	1
Acenaphthene	ND		20	0.81	ug/L		09/27/23 14:35	09/29/23 13:29	1
Acenaphthylene	ND		20	0.87	ug/L		09/27/23 14:35	09/29/23 13:29	1
Aniline	8.6	J	40	1.5	ug/L		09/27/23 14:35	09/29/23 13:29	1
Anthracene	ND	*1	20	1.4	ug/L		09/27/23 14:35	09/29/23 13:29	1
Benzidine	ND		320	54	ug/L		09/27/23 14:35	09/29/23 13:29	1
Benzo[a]anthracene	ND	*1	20	1.1	ug/L		09/27/23 14:35	09/29/23 13:29	1
Benzo[a]pyrene	ND	*1	20	1.3	ug/L		09/27/23 14:35	09/29/23 13:29	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		09/27/23 14:35	09/29/23 13:29	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		09/27/23 14:35	09/29/23 13:29	1
Benzo[k]fluoranthene	ND	*1	20	1.3	ug/L		09/27/23 14:35	09/29/23 13:29	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		09/27/23 14:35	09/29/23 13:29	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		09/27/23 14:35	09/29/23 13:29	1
Bis(2-ethylhexyl) phthalate	ND	*1	40	1.2	ug/L		09/27/23 14:35	09/29/23 13:29	1
Butyl benzyl phthalate	ND	*1	20	1.1	ug/L		09/27/23 14:35	09/29/23 13:29	1
Chrysene	ND	*1	20	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		09/27/23 14:35	09/29/23 13:29	1
Diethyl phthalate	ND	*1	20	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
Dimethyl phthalate	ND	*1	20	0.91	ug/L		09/27/23 14:35	09/29/23 13:29	1
Di-n-butyl phthalate	37	*1	20	1.6	ug/L		09/27/23 14:35	09/29/23 13:29	1
Di-n-octyl phthalate	ND	*1	20	1.2	ug/L		09/27/23 14:35	09/29/23 13:29	1
Fluoranthene	ND	*1	20	1.6	ug/L		09/27/23 14:35	09/29/23 13:29	1
Fluorene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
Hexachlorobenzene	ND	*1	20	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
Hexachlorobutadiene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		09/27/23 14:35	09/29/23 13:29	1
Hexachloroethane	ND		20	0.60	ug/L		09/27/23 14:35	09/29/23 13:29	1
Indeno[1,2,3-cd]pyrene	ND	*1	20	1.5	ug/L		09/27/23 14:35	09/29/23 13:29	1
Isophorone	ND		20	0.74	ug/L		09/27/23 14:35	09/29/23 13:29	1
Naphthalene	ND		20	0.86	ug/L		09/27/23 14:35	09/29/23 13:29	1
Decane	ND		40	1.6	ug/L		09/27/23 14:35	09/29/23 13:29	1
Nitrobenzene	ND		20	0.81	ug/L		09/27/23 14:35	09/29/23 13:29	1
N-Nitrosodimethylamine	ND	*1	40	0.57	ug/L		09/27/23 14:35	09/29/23 13:29	1
N-Nitrosodi-n-propylamine	ND	*1	20	0.89	ug/L		09/27/23 14:35	09/29/23 13:29	1
N-Nitrosodiphenylamine	ND	*1	20	0.82	ug/L		09/27/23 14:35	09/29/23 13:29	1
n-Octadecane	ND		40	1.2	ug/L		09/27/23 14:35	09/29/23 13:29	1
Pentachlorophenol	ND	*1	40	3.2	ug/L		09/27/23 14:35	09/29/23 13:29	1
Phenanthrene	ND	*1	20	1.2	ug/L		09/27/23 14:35	09/29/23 13:29	1

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-213018-1

Date Collected: 09/22/23 08:00

Matrix: Water

Date Received: 09/22/23 15:30

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		20	0.35	ug/L		09/27/23 14:35	09/29/23 13:29	1
Pyrene	ND	*1	20	1.4	ug/L		09/27/23 14:35	09/29/23 13:29	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 151	09/27/23 14:35	09/29/23 13:29	1
2-Fluorobiphenyl	92		44 - 120	09/27/23 14:35	09/29/23 13:29	1
2-Fluorophenol	66		17 - 120	09/27/23 14:35	09/29/23 13:29	1
Nitrobenzene-d5	79		15 - 314	09/27/23 14:35	09/29/23 13:29	1
Phenol-d5	47		8 - 424	09/27/23 14:35	09/29/23 13:29	1
p-Terphenyl-d14	94		22 - 125	09/27/23 14:35	09/29/23 13:29	1

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.057	0.036	ug/L		09/27/23 14:19	09/28/23 17:37	1
PCB-1221	ND		0.057	0.036	ug/L		09/27/23 14:19	09/28/23 17:37	1
PCB-1232	ND		0.057	0.036	ug/L		09/27/23 14:19	09/28/23 17:37	1
PCB-1242	ND		0.057	0.036	ug/L		09/27/23 14:19	09/28/23 17:37	1
PCB-1248	ND		0.057	0.036	ug/L		09/27/23 14:19	09/28/23 17:37	1
PCB-1254	ND		0.057	0.030	ug/L		09/27/23 14:19	09/28/23 17:37	1
PCB-1260	ND		0.057	0.030	ug/L		09/27/23 14:19	09/28/23 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		36 - 121	09/27/23 14:19	09/28/23 17:37	1
Tetrachloro-m-xylene	82		42 - 135	09/27/23 14:19	09/28/23 17:37	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0062		0.0040	0.0010	mg/L		09/26/23 07:59	09/26/23 18:46	1
Copper	0.0035	J	0.010	0.0016	mg/L		09/26/23 07:59	09/26/23 18:46	1
Lead	0.0039	J	0.010	0.0030	mg/L		09/26/23 07:59	09/26/23 18:46	1
Nickel	0.0039	J	0.010	0.0013	mg/L		09/26/23 07:59	09/26/23 18:46	1
Zinc	0.0036	J	0.010	0.0015	mg/L		09/26/23 07:59	09/27/23 16:52	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/26/23 11:26	09/26/23 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.034		0.010	0.0035	mg/L			09/26/23 11:21	1
Cyanide, Amenable (SM 4500 CN G)	0.034		0.010	0.0050	mg/L			09/28/23 16:06	1
Phosphorus (SM 4500 P E)	0.25		0.010	0.0050	mg/L as P			09/25/23 17:48	1
Biochemical Oxygen Demand (SM 5210B)	ND		2.0	2.0	mg/L			09/23/23 13:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	56.4		4.0	4.0	mg/L			09/25/23 12:44	1
pH (SM 4500 H+ B)	8.0	HF	0.1	0.1	SU			09/26/23 17:37	1
Temperature (SM 4500 H+ B)	18.0	HF	0.001	0.001	Degrees C			09/26/23 17:37	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-213018-2

Date Collected: 09/22/23 00:00

Matrix: Water

Date Received: 09/22/23 15:30

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/26/23 13:22	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/26/23 13:22	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/26/23 13:22	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/26/23 13:22	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/26/23 13:22	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/26/23 13:22	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/26/23 13:22	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/26/23 13:22	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/26/23 13:22	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/26/23 13:22	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/26/23 13:22	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/26/23 13:22	1
Acrolein	ND		100	17	ug/L			09/26/23 13:22	1
Acrylonitrile	ND		50	1.9	ug/L			09/26/23 13:22	1
Benzene	ND		5.0	0.60	ug/L			09/26/23 13:22	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/26/23 13:22	1
Bromoform	ND		5.0	0.47	ug/L			09/26/23 13:22	1
Bromomethane	ND		5.0	1.2	ug/L			09/26/23 13:22	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/26/23 13:22	1
Chlorobenzene	0.76	J	5.0	0.48	ug/L			09/26/23 13:22	1
Chloroethane	ND		5.0	0.87	ug/L			09/26/23 13:22	1
Chloroform	ND		5.0	0.54	ug/L			09/26/23 13:22	1
Chloromethane	ND		5.0	0.64	ug/L			09/26/23 13:22	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/26/23 13:22	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/26/23 13:22	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/26/23 13:22	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/26/23 13:22	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/26/23 13:22	1
Toluene	ND		5.0	0.45	ug/L			09/26/23 13:22	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/26/23 13:22	1
Trichloroethene	ND		5.0	0.60	ug/L			09/26/23 13:22	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/26/23 13:22	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/26/23 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		68 - 130		09/26/23 13:22	1
4-Bromofluorobenzene (Surr)	99		76 - 123		09/26/23 13:22	1
Dibromofluoromethane (Surr)	104		75 - 123		09/26/23 13:22	1
Toluene-d8 (Surr)	86		77 - 120		09/26/23 13:22	1

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-213018-1	BCC BSA SUMP	92	98	100	86
480-213018-2	TRIP BLANK	95	99	104	86
LCS 480-684971/6	Lab Control Sample	92	99	100	86
MB 480-684971/8	Method Blank	96	101	105	88

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-213018-1	BCC BSA SUMP	96	92	66	79	47	94
LCS 480-685262/2-A	Lab Control Sample	96	82	62	75	48	95
LCSD 480-685262/3-A	Lab Control Sample Dup	117	98	75	91	58	106
MB 480-685262/1-A	Method Blank	92	101	73	88	52	112

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2 (36-121)	TCX2 (42-135)
480-213018-1	BCC BSA SUMP	53	82
LCS 480-685259/2-A	Lab Control Sample	51	92
LCSD 480-685259/3-A	Lab Control Sample Dup	58	96
MB 480-685259/1-A	Method Blank	54	96

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-684971/8

Matrix: Water

Analysis Batch: 684971

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/26/23 12:17	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/26/23 12:17	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/26/23 12:17	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/26/23 12:17	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/26/23 12:17	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/26/23 12:17	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/26/23 12:17	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/26/23 12:17	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/26/23 12:17	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/26/23 12:17	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/26/23 12:17	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/26/23 12:17	1
Acrolein	ND		100	17	ug/L			09/26/23 12:17	1
Acrylonitrile	ND		50	1.9	ug/L			09/26/23 12:17	1
Benzene	ND		5.0	0.60	ug/L			09/26/23 12:17	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/26/23 12:17	1
Bromoform	ND		5.0	0.47	ug/L			09/26/23 12:17	1
Bromomethane	ND		5.0	1.2	ug/L			09/26/23 12:17	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/26/23 12:17	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/26/23 12:17	1
Chloroethane	ND		5.0	0.87	ug/L			09/26/23 12:17	1
Chloroform	ND		5.0	0.54	ug/L			09/26/23 12:17	1
Chloromethane	ND		5.0	0.64	ug/L			09/26/23 12:17	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/26/23 12:17	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/26/23 12:17	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/26/23 12:17	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/26/23 12:17	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/26/23 12:17	1
Toluene	ND		5.0	0.45	ug/L			09/26/23 12:17	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/26/23 12:17	1
Trichloroethene	ND		5.0	0.60	ug/L			09/26/23 12:17	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/26/23 12:17	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/26/23 12:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		68 - 130		09/26/23 12:17	1
4-Bromofluorobenzene (Surr)	101		76 - 123		09/26/23 12:17	1
Dibromofluoromethane (Surr)	105		75 - 123		09/26/23 12:17	1
Toluene-d8 (Surr)	88		77 - 120		09/26/23 12:17	1

Lab Sample ID: LCS 480-684971/6

Matrix: Water

Analysis Batch: 684971

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	52 - 162
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/L		108	46 - 157
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	52 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-684971/6

Matrix: Water

Analysis Batch: 684971

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	19.2		ug/L		96	59 - 155
1,1-Dichloroethene	20.0	19.8		ug/L		99	1 - 234
1,2-Dichlorobenzene	20.0	22.2		ug/L		111	18 - 190
1,2-Dichloroethane	20.0	21.2		ug/L		106	49 - 155
1,2-Dichloropropane	20.0	19.8		ug/L		99	1 - 210
1,3-Dichlorobenzene	20.0	22.5		ug/L		112	59 - 156
1,4-Dichlorobenzene	20.0	21.9		ug/L		110	18 - 190
2-Chloroethyl vinyl ether	20.0	19.4	J	ug/L		97	1 - 305
Acrolein	100	75.5	J	ug/L		75	10 - 176
Acrylonitrile	200	193		ug/L		96	54 - 147
Benzene	20.0	20.6		ug/L		103	37 - 151
Bromodichloromethane	20.0	21.5		ug/L		108	35 - 155
Bromoform	20.0	19.7		ug/L		99	45 - 169
Bromomethane	20.0	20.9		ug/L		104	1 - 242
Carbon tetrachloride	20.0	19.5		ug/L		98	70 - 140
Chlorobenzene	20.0	21.8		ug/L		109	37 - 160
Chloroethane	20.0	19.7		ug/L		98	14 - 230
Chloroform	20.0	21.1		ug/L		105	51 - 138
Chloromethane	20.0	19.1		ug/L		96	1 - 273
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	1 - 227
Dibromochloromethane	20.0	21.3		ug/L		107	53 - 149
Ethylbenzene	20.0	21.7		ug/L		109	37 - 162
Methylene Chloride	20.0	19.9		ug/L		99	1 - 221
Tetrachloroethene	20.0	22.3		ug/L		112	64 - 148
Toluene	20.0	21.1		ug/L		105	47 - 150
trans-1,3-Dichloropropene	20.0	19.3		ug/L		97	17 - 183
Trichloroethene	20.0	21.9		ug/L		110	71 - 157
Trichlorofluoromethane	20.0	23.6		ug/L		118	17 - 181
Vinyl chloride	20.0	19.3		ug/L		96	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Dibromofluoromethane (Surr)	100		75 - 123
Toluene-d8 (Surr)	86		77 - 120

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-685262/1-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		09/27/23 14:35	09/29/23 11:43	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		09/27/23 14:35	09/29/23 11:43	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		09/27/23 14:35	09/29/23 11:43	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		09/27/23 14:35	09/29/23 11:43	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		09/27/23 14:35	09/29/23 11:43	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-685262/1-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		09/27/23 14:35	09/29/23 11:43	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		09/27/23 14:35	09/29/23 11:43	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		09/27/23 14:35	09/29/23 11:43	1
2-Chloronaphthalene	ND		20	0.91	ug/L		09/27/23 14:35	09/29/23 11:43	1
2-Chlorophenol	ND		20	0.66	ug/L		09/27/23 14:35	09/29/23 11:43	1
2-Nitrophenol	ND		20	0.70	ug/L		09/27/23 14:35	09/29/23 11:43	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		09/27/23 14:35	09/29/23 11:43	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		09/27/23 14:35	09/29/23 11:43	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		09/27/23 14:35	09/29/23 11:43	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		09/27/23 14:35	09/29/23 11:43	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		09/27/23 14:35	09/29/23 11:43	1
4-Nitrophenol	ND		40	1.9	ug/L		09/27/23 14:35	09/29/23 11:43	1
Acenaphthene	ND		20	0.81	ug/L		09/27/23 14:35	09/29/23 11:43	1
Acenaphthylene	ND		20	0.87	ug/L		09/27/23 14:35	09/29/23 11:43	1
Aniline	ND		40	1.5	ug/L		09/27/23 14:35	09/29/23 11:43	1
Anthracene	ND		20	1.4	ug/L		09/27/23 14:35	09/29/23 11:43	1
Benzidine	ND		320	54	ug/L		09/27/23 14:35	09/29/23 11:43	1
Benzo[a]anthracene	ND		20	1.1	ug/L		09/27/23 14:35	09/29/23 11:43	1
Benzo[a]pyrene	ND		20	1.3	ug/L		09/27/23 14:35	09/29/23 11:43	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		09/27/23 14:35	09/29/23 11:43	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		09/27/23 14:35	09/29/23 11:43	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		09/27/23 14:35	09/29/23 11:43	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		09/27/23 14:35	09/29/23 11:43	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		09/27/23 14:35	09/29/23 11:43	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		09/27/23 14:35	09/29/23 11:43	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		09/27/23 14:35	09/29/23 11:43	1
Chrysene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		09/27/23 14:35	09/29/23 11:43	1
Diethyl phthalate	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
Dimethyl phthalate	ND		20	0.91	ug/L		09/27/23 14:35	09/29/23 11:43	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		09/27/23 14:35	09/29/23 11:43	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		09/27/23 14:35	09/29/23 11:43	1
Fluoranthene	ND		20	1.6	ug/L		09/27/23 14:35	09/29/23 11:43	1
Fluorene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
Hexachlorobenzene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
Hexachlorobutadiene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		09/27/23 14:35	09/29/23 11:43	1
Hexachloroethane	ND		20	0.60	ug/L		09/27/23 14:35	09/29/23 11:43	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		09/27/23 14:35	09/29/23 11:43	1
Isophorone	ND		20	0.74	ug/L		09/27/23 14:35	09/29/23 11:43	1
Naphthalene	ND		20	0.86	ug/L		09/27/23 14:35	09/29/23 11:43	1
Decane	ND		40	1.6	ug/L		09/27/23 14:35	09/29/23 11:43	1
Nitrobenzene	ND		20	0.81	ug/L		09/27/23 14:35	09/29/23 11:43	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		09/27/23 14:35	09/29/23 11:43	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		09/27/23 14:35	09/29/23 11:43	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		09/27/23 14:35	09/29/23 11:43	1
n-Octadecane	ND		40	1.2	ug/L		09/27/23 14:35	09/29/23 11:43	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-685262/1-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		09/27/23 14:35	09/29/23 11:43	1
Phenanthrene	ND		20	1.2	ug/L		09/27/23 14:35	09/29/23 11:43	1
Phenol	ND		20	0.35	ug/L		09/27/23 14:35	09/29/23 11:43	1
Pyrene	ND		20	1.4	ug/L		09/27/23 14:35	09/29/23 11:43	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		09/27/23 14:35	09/29/23 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 151	09/27/23 14:35	09/29/23 11:43	1
2-Fluorobiphenyl	101		44 - 120	09/27/23 14:35	09/29/23 11:43	1
2-Fluorophenol	73		17 - 120	09/27/23 14:35	09/29/23 11:43	1
Nitrobenzene-d5	88		15 - 314	09/27/23 14:35	09/29/23 11:43	1
Phenol-d5	52		8 - 424	09/27/23 14:35	09/29/23 11:43	1
p-Terphenyl-d14	112		22 - 125	09/27/23 14:35	09/29/23 11:43	1

Lab Sample ID: LCS 480-685262/2-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	21.7	J	ug/L		68	44 - 142
1,2-Dichlorobenzene	32.0	20.9	J	ug/L		65	32 - 129
1,3-Dichlorobenzene	32.0	20.0	J	ug/L		62	1 - 172
1,4-Dichlorobenzene	32.0	20.2	J	ug/L		63	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	19.1	J	ug/L		60	36 - 166
2,4,6-Trichlorophenol	32.0	28.6		ug/L		89	37 - 144
2,4-Dichlorophenol	32.0	27.8		ug/L		87	39 - 135
2,4-Dimethylphenol	32.0	20.7		ug/L		65	32 - 120
2,4-Dinitrophenol	64.0	53.8		ug/L		84	1 - 191
2,4-Dinitrotoluene	32.0	28.2		ug/L		88	39 - 139
2-Chloronaphthalene	32.0	24.1		ug/L		75	60 - 120
2-Chlorophenol	32.0	24.6		ug/L		77	23 - 134
2-Nitrophenol	32.0	25.9		ug/L		81	29 - 182
3,3'-Dichlorobenzidine	64.0	50.3		ug/L		79	1 - 262
4,6-Dinitro-2-methylphenol	64.0	60.8		ug/L		95	1 - 181
4-Bromophenyl phenyl ether	32.0	28.3		ug/L		89	53 - 127
4-Chloro-3-methylphenol	32.0	28.9		ug/L		90	22 - 147
4-Chlorophenyl phenyl ether	32.0	26.2		ug/L		82	25 - 158
4-Nitrophenol	64.0	55.5		ug/L		87	1 - 132
Acenaphthene	32.0	25.0		ug/L		78	47 - 145
Acenaphthylene	32.0	26.3		ug/L		82	33 - 145
Aniline	32.0	15.4	J	ug/L		48	40 - 120
Anthracene	32.0	27.4		ug/L		86	27 - 133
Benzo[a]anthracene	32.0	29.8		ug/L		93	33 - 143
Benzo[a]pyrene	32.0	29.3		ug/L		91	17 - 163
Benzo[b]fluoranthene	32.0	27.9		ug/L		87	24 - 159
Benzo[g,h,i]perylene	32.0	31.0		ug/L		97	1 - 219
Benzo[k]fluoranthene	32.0	27.5		ug/L		86	11 - 162
Bis(2-chloroethoxy)methane	32.0	23.9		ug/L		75	33 - 184

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-685262/2-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	23.3		ug/L		73	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	30.2	J	ug/L		95	8 - 158
Butyl benzyl phthalate	32.0	30.2		ug/L		94	1 - 152
Chrysene	32.0	29.7		ug/L		93	17 - 168
Dibenz(a,h)anthracene	32.0	31.3		ug/L		98	1 - 227
Diethyl phthalate	32.0	29.2		ug/L		91	1 - 120
Dimethyl phthalate	32.0	28.4		ug/L		89	1 - 120
Di-n-butyl phthalate	32.0	29.6		ug/L		93	1 - 120
Di-n-octyl phthalate	32.0	30.2		ug/L		94	4 - 146
Fluoranthene	32.0	27.7		ug/L		87	26 - 137
Fluorene	32.0	25.8		ug/L		80	59 - 121
Hexachlorobenzene	32.0	29.4		ug/L		92	1 - 152
Hexachlorocyclopentadiene	32.0	8.87	J	ug/L		28	5 - 120
Hexachloroethane	32.0	18.0	J	ug/L		56	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.2		ug/L		98	1 - 171
Isophorone	32.0	25.4		ug/L		79	21 - 196
Naphthalene	32.0	23.1		ug/L		72	21 - 133
Nitrobenzene	32.0	24.1		ug/L		75	35 - 180
N-Nitrosodi-n-propylamine	32.0	23.1		ug/L		72	1 - 230
N-Nitrosodiphenylamine	32.0	28.0		ug/L		88	54 - 125
Pentachlorophenol	64.0	57.8		ug/L		90	14 - 176
Phenanthrene	32.0	27.0		ug/L		84	54 - 120
Phenol	32.0	15.0	J	ug/L		47	5 - 120
Pyrene	32.0	29.1		ug/L		91	52 - 120
2,6-Dinitrotoluene	32.0	28.4		ug/L		89	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	96		52 - 151
2-Fluorobiphenyl	82		44 - 120
2-Fluorophenol	62		17 - 120
Nitrobenzene-d5	75		15 - 314
Phenol-d5	48		8 - 424
p-Terphenyl-d14	95		22 - 125

Lab Sample ID: LCSD 480-685262/3-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685262

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	26.9	J	ug/L		84	44 - 142	21	34
1,2-Dichlorobenzene	32.0	26.6	J	ug/L		83	32 - 129	24	38
1,3-Dichlorobenzene	32.0	25.9	J	ug/L		81	1 - 172	26	37
1,4-Dichlorobenzene	32.0	26.4	J	ug/L		83	20 - 124	26	40
2,2'-oxybis[1-chloropropane]	32.0	24.7		ug/L		77	36 - 166	25	36
2,4,6-Trichlorophenol	32.0	34.3		ug/L		107	37 - 144	18	20
2,4-Dichlorophenol	32.0	34.6		ug/L		108	39 - 135	22	23
2,4-Dimethylphenol	32.0	25.5	*1	ug/L		80	32 - 120	21	18
2,4-Dinitrophenol	64.0	69.1		ug/L		108	1 - 191	25	29

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-685262/3-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685262

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	32.0	35.0	*1	ug/L		109	39 - 139	21	20
2-Chloronaphthalene	32.0	28.2		ug/L		88	60 - 120	15	30
2-Chlorophenol	32.0	30.9		ug/L		97	23 - 134	23	26
2-Nitrophenol	32.0	32.1		ug/L		100	29 - 182	21	28
3,3'-Dichlorobenzidine	64.0	57.8		ug/L		90	1 - 262	14	31
4,6-Dinitro-2-methylphenol	64.0	72.8		ug/L		114	1 - 181	18	30
4-Bromophenyl phenyl ether	32.0	33.9	*1	ug/L		106	53 - 127	18	16
4-Chloro-3-methylphenol	32.0	34.0		ug/L		106	22 - 147	16	16
4-Chlorophenyl phenyl ether	32.0	31.4	*1	ug/L		98	25 - 158	18	15
4-Nitrophenol	64.0	65.3		ug/L		102	1 - 132	16	24
Acenaphthene	32.0	29.4		ug/L		92	47 - 145	16	25
Acenaphthylene	32.0	32.4		ug/L		101	33 - 145	21	22
Aniline	32.0	17.3	J	ug/L		54	40 - 120	12	30
Anthracene	32.0	34.0	*1	ug/L		106	27 - 133	21	15
Benzo[a]anthracene	32.0	34.9	*1	ug/L		109	33 - 143	16	15
Benzo[a]pyrene	32.0	35.9	*1	ug/L		112	17 - 163	20	15
Benzo[b]fluoranthene	32.0	33.1		ug/L		104	24 - 159	17	17
Benzo[g,h,i]perylene	32.0	36.8		ug/L		115	1 - 219	17	19
Benzo[k]fluoranthene	32.0	34.2	*1	ug/L		107	11 - 162	22	19
Bis(2-chloroethoxy)methane	32.0	29.8		ug/L		93	33 - 184	22	23
Bis(2-chloroethyl)ether	32.0	28.8		ug/L		90	12 - 158	21	33
Bis(2-ethylhexyl) phthalate	32.0	35.6	J *1	ug/L		111	8 - 158	16	15
Butyl benzyl phthalate	32.0	35.7	*1	ug/L		111	1 - 152	17	15
Chrysene	32.0	35.2	*1	ug/L		110	17 - 168	17	15
Dibenz(a,h)anthracene	32.0	37.6		ug/L		118	1 - 227	18	18
Diethyl phthalate	32.0	34.5	*1	ug/L		108	1 - 120	17	15
Dimethyl phthalate	32.0	34.3	*1	ug/L		107	1 - 120	19	15
Di-n-butyl phthalate	32.0	35.9	*1	ug/L		112	1 - 120	19	15
Di-n-octyl phthalate	32.0	35.9	*1	ug/L		112	4 - 146	17	15
Fluoranthene	32.0	34.4	*1	ug/L		108	26 - 137	22	15
Fluorene	32.0	30.6		ug/L		96	59 - 121	17	18
Hexachlorobenzene	32.0	36.6	*1	ug/L		114	1 - 152	22	15
Hexachlorocyclopentadiene	32.0	11.2	J	ug/L		35	5 - 120	23	50
Hexachloroethane	32.0	24.1		ug/L		75	40 - 120	29	43
Indeno[1,2,3-cd]pyrene	32.0	37.3	*1	ug/L		117	1 - 171	18	17
Isophorone	32.0	30.3		ug/L		95	21 - 196	18	21
Naphthalene	32.0	28.0		ug/L		88	21 - 133	19	31
Nitrobenzene	32.0	29.6		ug/L		93	35 - 180	21	27
N-Nitrosodi-n-propylamine	32.0	30.2	*1	ug/L		94	1 - 230	27	23
N-Nitrosodiphenylamine	32.0	33.6	*1	ug/L		105	54 - 125	18	15
Pentachlorophenol	64.0	73.3	*1	ug/L		115	14 - 176	24	21
Phenanthrene	32.0	33.1	*1	ug/L		103	54 - 120	20	16
Phenol	32.0	19.0	J	ug/L		60	5 - 120	24	36
Pyrene	32.0	34.9	*1	ug/L		109	52 - 120	18	15
2,6-Dinitrotoluene	32.0	33.3		ug/L		104	50 - 158	16	17

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol	117		52 - 151

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-685262/3-A

Matrix: Water

Analysis Batch: 685472

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685262

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	98		44 - 120
2-Fluorophenol	75		17 - 120
Nitrobenzene-d5	91		15 - 314
Phenol-d5	58		8 - 424
p-Terphenyl-d14	106		22 - 125

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-685259/1-A

Matrix: Water

Analysis Batch: 685377

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 685259

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
PCB-1016	ND		0.060	0.038	ug/L		09/27/23 14:19	09/28/23 16:26	1
PCB-1221	ND		0.060	0.038	ug/L		09/27/23 14:19	09/28/23 16:26	1
PCB-1232	ND		0.060	0.038	ug/L		09/27/23 14:19	09/28/23 16:26	1
PCB-1242	ND		0.060	0.038	ug/L		09/27/23 14:19	09/28/23 16:26	1
PCB-1248	ND		0.060	0.038	ug/L		09/27/23 14:19	09/28/23 16:26	1
PCB-1254	ND		0.060	0.031	ug/L		09/27/23 14:19	09/28/23 16:26	1
PCB-1260	ND		0.060	0.031	ug/L		09/27/23 14:19	09/28/23 16:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
DCB Decachlorobiphenyl	54		36 - 121	09/27/23 14:19	09/28/23 16:26	1
Tetrachloro-m-xylene	96		42 - 135	09/27/23 14:19	09/28/23 16:26	1

Lab Sample ID: LCS 480-685259/2-A

Matrix: Water

Analysis Batch: 685377

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 685259

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
PCB-1016	1.00	1.16		ug/L		116	69 - 123
PCB-1260	1.00	1.12		ug/L		112	69 - 120

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
DCB Decachlorobiphenyl	51		36 - 121
Tetrachloro-m-xylene	92		42 - 135

Lab Sample ID: LCSD 480-685259/3-A

Matrix: Water

Analysis Batch: 685377

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 685259

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
Added	Result	Qualifier				Limits		Limit	
PCB-1016	1.00	1.21		ug/L		121	69 - 123	4	30
PCB-1260	1.00	1.20		ug/L		120	69 - 120	7	30

Surrogate	LCSD	LCSD	Limits
%Recovery	Qualifier		
DCB Decachlorobiphenyl	58		36 - 121
Tetrachloro-m-xylene	96		42 - 135

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-684929/1-A
Matrix: Water
Analysis Batch: 685163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		09/26/23 07:59	09/26/23 18:29	1
Copper	ND		0.010	0.0016	mg/L		09/26/23 07:59	09/26/23 18:29	1
Lead	ND		0.010	0.0030	mg/L		09/26/23 07:59	09/26/23 18:29	1
Nickel	ND		0.010	0.0013	mg/L		09/26/23 07:59	09/26/23 18:29	1

Lab Sample ID: MB 480-684929/1-A
Matrix: Water
Analysis Batch: 685353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		09/26/23 07:59	09/27/23 15:20	1

Lab Sample ID: LCS 480-684929/2-A
Matrix: Water
Analysis Batch: 685163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.200	0.205		mg/L		102	85 - 115
Copper	0.201	0.195		mg/L		97	85 - 115
Lead	0.200	0.204		mg/L		102	85 - 115
Nickel	0.200	0.199		mg/L		99	85 - 115

Lab Sample ID: LCS 480-684929/2-A
Matrix: Water
Analysis Batch: 685353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.200	0.197		mg/L		98	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-684966/1-A
Matrix: Water
Analysis Batch: 685107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/26/23 11:26	09/26/23 14:43	1

Lab Sample ID: LCS 480-684966/2-A
Matrix: Water
Analysis Batch: 685107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00684		mg/L		102	85 - 115

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-685126/16

Matrix: Water

Analysis Batch: 685126

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			09/26/23 07:34	1

Lab Sample ID: MB 480-685126/76

Matrix: Water

Analysis Batch: 685126

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			09/26/23 11:15	1

Lab Sample ID: LCS 480-685126/17

Matrix: Water

Analysis Batch: 685126

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.101		mg/L		101	90 - 110

Lab Sample ID: LCS 480-685126/77

Matrix: Water

Analysis Batch: 685126

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.0974		mg/L		97	90 - 110

Lab Sample ID: 480-213018-1 MS

Matrix: Water

Analysis Batch: 685126

Client Sample ID: BCC BSA SUMP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.034		0.100	0.132		mg/L		98	90 - 110

Lab Sample ID: 480-213018-1 DU

Matrix: Water

Analysis Batch: 685126

Client Sample ID: BCC BSA SUMP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Phenolics, Total Recoverable	0.034		0.0337		mg/L		0.9	20

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

Lab Sample ID: MB 480-684878/1

Matrix: Water

Analysis Batch: 684878

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/25/23 12:44	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

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

Lab Sample ID: LCS 480-684878/2
Matrix: Water
Analysis Batch: 684878

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	269	259.6		mg/L		97	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-685115/1
Matrix: Water
Analysis Batch: 685115

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	7.00	7.0		SU		100	99 - 101

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-684944/3
Matrix: Water
Analysis Batch: 684944

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			09/25/23 17:48	1

Lab Sample ID: LCS 480-684944/4
Matrix: Water
Analysis Batch: 684944

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus	0.200	0.187		mg/L as P		93	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-684740/1
Matrix: Water
Analysis Batch: 684740

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/23/23 13:36	1

Lab Sample ID: LCS 480-684740/2
Matrix: Water
Analysis Batch: 684740

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	197	202.6		mg/L		103	85 - 115

Lab Sample ID: 480-213018-1 DU
Matrix: Water
Analysis Batch: 684740

Client Sample ID: BCC BSA SUMP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Biochemical Oxygen Demand	ND		ND		mg/L		NC	20

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

GC/MS VOA

Analysis Batch: 684971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-213018-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-684971/8	Method Blank	Total/NA	Water	624.1	
LCS 480-684971/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 685262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-685262/1-A	Method Blank	Total/NA	Water	625	
LCS 480-685262/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-685262/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 685472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	625.1	685262
MB 480-685262/1-A	Method Blank	Total/NA	Water	625.1	685262
LCS 480-685262/2-A	Lab Control Sample	Total/NA	Water	625.1	685262
LCSD 480-685262/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	685262

GC Semi VOA

Prep Batch: 685259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-685259/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-685259/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-685259/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 685377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	608.3	685259
MB 480-685259/1-A	Method Blank	Total/NA	Water	608.3	685259
LCS 480-685259/2-A	Lab Control Sample	Total/NA	Water	608.3	685259
LCSD 480-685259/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	685259

Metals

Prep Batch: 684929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-684929/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-684929/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 684966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-684966/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-684966/2-A	Lab Control Sample	Total/NA	Water	245.1	

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Metals

Analysis Batch: 685107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	245.1	684966
MB 480-684966/1-A	Method Blank	Total/NA	Water	245.1	684966
LCS 480-684966/2-A	Lab Control Sample	Total/NA	Water	245.1	684966

Analysis Batch: 685163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	684929
MB 480-684929/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	684929
LCS 480-684929/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	684929

Analysis Batch: 685353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	684929
MB 480-684929/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	684929
LCS 480-684929/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	684929

General Chemistry

Analysis Batch: 684740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-684740/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-684740/2	Lab Control Sample	Total/NA	Water	SM 5210B	
480-213018-1 DU	BCC BSA SUMP	Total/NA	Water	SM 5210B	

Analysis Batch: 684878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-684878/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-684878/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 684944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-684944/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-684944/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 685115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-685115/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 685126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-685126/16	Method Blank	Total/NA	Water	420.4	
MB 480-685126/76	Method Blank	Total/NA	Water	420.4	
LCS 480-685126/17	Lab Control Sample	Total/NA	Water	420.4	
LCS 480-685126/77	Lab Control Sample	Total/NA	Water	420.4	
480-213018-1 MS	BCC BSA SUMP	Total/NA	Water	420.4	
480-213018-1 DU	BCC BSA SUMP	Total/NA	Water	420.4	

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

General Chemistry

Analysis Batch: 685454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213018-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

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

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-213018-1

Date Collected: 09/22/23 08:00

Matrix: Water

Date Received: 09/22/23 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	684971	AXK	EET BUF	09/26/23 12:58
Total/NA	Prep	625			685262	LSC	EET BUF	09/27/23 14:35
Total/NA	Analysis	625.1		1	685472	JMM	EET BUF	09/29/23 13:29
Total/NA	Prep	3510C			685259	LSC	EET BUF	09/27/23 14:19
Total/NA	Analysis	608.3		1	685377	NC	EET BUF	09/28/23 17:37
Total/NA	Prep	200.7			684929	MP	EET BUF	09/26/23 07:59
Total/NA	Analysis	200.7 Rev 4.4		1	685163	LMH	EET BUF	09/26/23 18:46
Total/NA	Prep	200.7			684929	MP	EET BUF	09/26/23 07:59
Total/NA	Analysis	200.7 Rev 4.4		1	685353	LMH	EET BUF	09/27/23 16:52
Total/NA	Prep	245.1			684966	NVK	EET BUF	09/26/23 11:26
Total/NA	Analysis	245.1		1	685107	NVK	EET BUF	09/26/23 15:18
Total/NA	Analysis	420.4		1	685126	CLT	EET BUF	09/26/23 11:21
Total/NA	Analysis	SM 2540D		1	684878	AB	EET BUF	09/25/23 12:44
Total/NA	Analysis	SM 4500 CN G		1	685454	JJP	EET BUF	09/28/23 16:06
Total/NA	Analysis	SM 4500 H+ B		1	685115	KB	EET BUF	09/26/23 17:37
Total/NA	Analysis	SM 4500 P E		1	684944	GW	EET BUF	09/25/23 17:48
Total/NA	Analysis	SM 5210B		1	684740	CG	EET BUF	09/23/23 13:36

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-213018-2

Date Collected: 09/22/23 00:00

Matrix: Water

Date Received: 09/22/23 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	684971	AXK	EET BUF	09/26/23 13:22

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
SM 4500 CN G		Water	Cyanide, Amenable
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET BUF
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET BUF
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
245.1	Mercury (CVAA)	EPA	EET BUF
420.4	Phenolics, Total Recoverable	EPA	EET BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	EET BUF
SM 4500 CN G	Cyanide, Amenable	SM	EET BUF
SM 4500 H+ B	pH	SM	EET BUF
SM 4500 P E	Phosphorus	SM	EET BUF
SM 5210B	BOD, 5-Day	SM	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
245.1	Preparation, Mercury	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
625	Liquid-Liquid Extraction	EPA	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-213018-1	BCC BSA SUMP	Water	09/22/23 08:00	09/22/23 15:30
480-213018-2	TRIP BLANK	Water	09/22/23 00:00	09/22/23 15:30

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-213018-1

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

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
625.1	2,4-Dinitrotoluene	Water	Total/NA	ug/L	5.0	10
625.1	4-Nitrophenol	Water	Total/NA	ug/L	10	15
625.1	Hexachlorocyclopentadiene	Water	Total/NA	ug/L	5.0	10

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax:

Chain of Custody Record



ofins

Environment Testing Surf

3RD QTR 23 BSA Environment Testing Sum.f

[illegible]

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-213018-1

Login Number: 213018

List Number: 1

Creator: Kolb, Chris M

List Source: Eurofins Buffalo

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

Field Data Collection Sheets

Buffalo Color GWTF Weekly Process Assessment																										
		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27			Discharge Lines To BSA Sump					Column1
Date	Associate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks	
7/7/2023	TK	45	45	32	26	40	30	13.0	40	34	35	35	7.69	22	12.8	40,531,900	26	22.1	1,259,371	27						41791271
7/14/2023	TK	45	45	32	26	40	32	12.7	40	34	34	34	7.78	22	12.6	40,597,452	26	22.3	1,262,707	27						
7/21/2023	TK	45	43	33	23	38	30	12.2	38	32	35	35	7.71	22	12.2	40,663,924	26	21.3	1,266,014	27						
7/28/2023	JL	45	43	33	24	40	30	12.3	38	34	35	35	7.57	22	12.2	40,726,036	26	21.3	1,269,247	27						
8/4/2023	JL	45	45	32	26	40	30	12	38	32	35	35	7.94	22	12	40,791,096	26	21.3	1,272,576	27						
8/11/2023	JL	45	45	32	24	40	30	12	38	32	34	35	8.44	22	12	40,853,496	26	25	1,275,746	27						
8/18/2023	JL	45	45	33	24	40	30	12	38	34	34	35	8.45	22	12.1	40,915,836	26	21.7	1,278,943	27						
8/25/2023	JL	45	45	32	24	40	30	11.8	38	34	34	35	8.49	22	11.8	40,979,988	26	21.7	1,282,141	27						
9/1/2023	TK	45	45	35	25	41	31	11.9	38	34	36	36	8.32	22	11.8	41,043,876	26	22.3	1,285,549	27						
9/8/2023	TK	45	45	35	25	40	30	11.7	38	34	35	35	7.86	22	11.6	41,096,232	26	22.3	1,288,690	27						
9/15/2023	TK	45	45	35	25	40	30	11.8	38	34	35	35	8.23	22	11.8	41,147,460	26	22.2	1,292,031	27						
9/22/2023	TK	45	45	35	25	40	28	12.1	36	32	33	33	8.25	22	11.9	41,210,852	26	20.9	1,294,746	27						
9/29/2023	TK	45	45	35	28	40	24	11.8	34	30	28	28	8.27	22	11.6	41,270,456	26	21.4	1,297,800	27						

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
4/1/2022					1	1		1	1	1			
4/2/2022													
4/3/2022													
7/1/2023													
7/2/2023								1	1	1			System down 6:54 AM back up 10:35 AM
7/3/2023					1	1		1	1	1			
7/4/2023													
7/5/2023								1	1	1			
7/6/2023								1	1	1			
7/7/2023					1	1	1	1	2	2			
7/8/2023													
7/9/2023													
7/10/2023					1	1		1	2	2			
7/11/2023								1	1	1			
7/12/2023								1	1	1			
7/13/2023								1	1	1			
7/14/2023								1	2	2			
7/15/2023													
7/16/2023													
7/17/2023					1	1		1	2	2			
7/18/2023								1	1	1			
7/19/2023								1	1	1			
7/20/2023								1	1	1			
7/21/2023								1	2	2			
7/22/2023													
7/23/2023													
7/24/2023					1	1	1	1	2	2			
7/25/2023													
7/26/2023					1	1		1	2	2			
7/27/2023						1		1	1	1			
7/28/2023						1		1	1	1			
7/29/2023					1	1		1	2	2			
7/30/2023													
7/31/2023													
8/1/2023						1		2	1	1			
8/2/2023						1		1	1	1			
8/3/2023								1	1	1			
8/4/2023						1		1	1	1			
8/5/2023													
8/6/2023													
8/7/2023					1	1		1	1	1			
8/8/2023						1		1	1	1			
8/9/2023					1	1		1	1	1			
8/10/2023						1		1	1	1			
8/11/2023						1		1	1	1			
8/12/2023													
8/13/2023													
8/14/2023						1		1	1	1			
8/15/2023					1	1		1	2	2			
8/16/2023						1		1	1	1			
8/17/2023						1		1	2	2			
8/18/2023						1		1	1	1			
8/19/2023													
8/20/2023													
8/21/2023					1	1		1	1	1			
8/22/2023						1		1	1	1			
8/23/2023						1		1	1	1			
8/24/2023						1		1	2	2			
8/25/2023						2		2	1	1			
8/26/2023													
8/27/2023													
8/28/2023					1	1	1	1	1	1			

[illegible]

ATTACHMENT F – GAC REACTIVATION BILL OF LADINGS



Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____."

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature/Date

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.

Trailer Loaded:☐ By shipper☐ By driver**Freight Counted:**☐ By shipper☐ By driver/pallets said to contain☐ By driver/pieces

Carrier Signature/Pickup Date

Carrier acknowledges receipt of packages and required placards.
Carrier certifies emergency response information was made available
and/or carrier has the DOT emergency response guidebook or
equivalent documentation in the vehicle. Property described above is
received in good order, except as noted.

3.78.73

Exp. 3 p. 1
3/18/23 Exp.

Bill of Lading – Short Form – Not Negotiable

Ship From Carbon Activated Corporation 3774 Hoover Road Blasdel, NY 14219 Tel: 716.821.7830		Bill of Lading Number: 023-0318	
Ship To OSC 1037 South Park Ave Buffalo NY 14210 Tel: 401.946.7838		Date: 3/16/2023	
Third Party Freight Charges Bill to Expedite		Carrier Name: Expedite	
		Trailer number: Serial number(s):	
		SCAC:	
		Pro Number:	
Freight Charge Terms (Freight charges are prepaid unless marked otherwise):			
Prepaid ☐ Collect ☐ 3rd Party ☒			
☐ Master bill of lading with attached underlying bills of lading.			

Customer Order Information

Customer Order No.	# of Packages	Weight	Pallet/Slip (circle one)		Additional Shipper Information
65235	1 Super Sack	1,000 LBS	Y	N	
Grand Total		1,000 LBS			

Carrier Information

Handling Unit						Package		Commodity Description		LTL Only	
Qty	Type	Qty	Type	Weight	HM (X)	Commodity Description		NMFC No.	Class		
						Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of NMFC Item 360					
1	Pallets	1	S/S	1,000 LBS		8 x 30 Coal Based Activated Carbon		40590	70		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____."

COD Amount: \$

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature/Date

Natalie Hawk

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.

Trailer Loaded:

- ☐ By shipper
☐ By driver

Freight Counted:

- ☐ By shipper
☐ By driver/pallets said to contain
☐ By driver/pieces

Carrier Signature/Pickup Date

[Signature]
Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above received in good order, except as noted.

3.16.23

Expi P. Dake
3/16/23

Bill of Lading – Short Form – Not Negotiable

Page 1 of 1

Ship From Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830		Bill of Lading Number: 023-1206	
Ship To OSC 1037 South Park rd Buffalo NY 14210 Tel: 401.946.7838		Date: 9/7/2023 Carrier Name: Expedite Trailer number: Serial number(s):	
Third Party Freight Charges Bill to Expedite		SCAC: Pro Number:	
		Freight Charge Terms (Freight charges are prepaid unless marked otherwise): Prepaid ☐ Collect ☐ 3rd Party ☒ ☐ Master bill of lading with attached underlying bills of lading.	

Customer Order Information

Customer Order No.	# of Packages	Weight	Pallet/Slip (circle one)		Additional Shipper Information
65247	1 Super Sack	1000 LBS	Y	N	
	2 Totes	200 LBS			
Grand Total		1200 LBS			

Carrier Information

Handling Unit		Package		Weight	HM (X)	Commodity Description Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of NMFC item 360	LTL Only	
Qty	Type	Qty	Type				NMFC No.	Class
1	Pallets	1	S/S	1000		8x30 React	40590	70
2	Totes					Empty Totes		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____"

COD Amount: \$

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date

Natalie Hawker

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.

Trailer Loaded:

☐ By shipper

☐ By driver

Freight Counted:

☐ By shipper

☐ By driver/pallets said to contain

☐ By driver/pieces

Carrier Signature/Pickup Date

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Bill of Lading -- Short Form -- Not Negotiable

Page 1 of 1

Ship From Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830		Bill of Lading Number: 023-1238	
Ship To OSC 1037 South Park rd Buffalo NY 14210 Tel: 401.946.7838		Date: 9/14/2023 Carrier Name: Expedite Trailer number: Serial number(s):	
Third Party Freight Charges Bill to Expedite		SCAC: Pro Number:	
		Freight Charge Terms (Freight charges are prepaid unless marked otherwise): Prepaid ☐ Collect ☐ 3rd Party ☒ ☐ Master bill of lading with attached underlying bills of lading.	

Customer Order Information

Customer Order No.	# of Packages	Weight	Pallet/Slip (circle one)	Additional Shipper Information
65247	1 Super Sack	1000 LBS	Y N	
	2 Totes	200 LBS		
Grand Total		1200 LBS		

Carrier Information

Handling Unit		Package				Commodity Description		LTL Only	
Qty	Type	Qty	Type	Weight	HM (X)	Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of NMFC item 360		NMFC No.	Class
1	Pallets	1	S/S	1000		8x30 React		40590	70
2	Totes					Empty Totes			

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____."

COD Amount: \$

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.	Trailer Loaded: ☐ By shipper ☐ By driver	Freight Counted: ☐ By shipper ☐ By driver/pallets said to contain ☐ By driver/pieces	Carrier Signature/Pickup Date <i>EXP</i> <i>A. BEADLER</i> 3:45 PM <i>[Signature]</i> 09-13-23 Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

ATTACHMENT G – PHOTOLOG



Client Name: SBD	PRR Reporting Period – 2022-2023	Project: Buffalo Color Corporation Site Area D
Photo No. 1		
Direction Photo Taken: Looking South		
Description: Area D Cover System		
Client Name: SBD	PRR Reporting Period – 2022-2023	Project: Buffalo Color Corporation Site Area D
Photo No. 2		
Direction Photo Taken:		
Description:		

