



February 19, 2025

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, 2023, to October 5, 2024.

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

- The 2022-2023 PRR acceptance letter requested collection of water levels before and after the pumping wells are turned on, in order to confirm the effectiveness of the slurry wall and onsite cap. And include an assessment of the water elevations, confirming the effectiveness of the engineering controls. Was this conducted?
The assessment was not conducted due to an oversight. Water levels will be collected before and after the pumping wells are turned on beginning March 2025 and the data included in the next PRR.
- Table 4 –
 - The concentration axis has errors for n-nitrosodidiphenylamine and 1,3-dichlorobenzene
 - Cyande concentration for 2024 does not match the analytical
 - Nickel concentration for 2024 does not match the analytical*The PRR has been revised in accordance with the comment.*
- Attachment C – October 2024 River elevation has a formatting error. Please revise.
The PRR has been revised in accordance with the comment.

- Attachment E – Include the discharge data for the September 2024 start-up sampling or reference the CCR.

The data table and laboratory data report have been added to Attachment E.

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,

Todd Waldrop



Partner

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, 2023 to October 5, 2024



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ATTACHMENT B - SITE INSPECTIONS

ATTACHMENT C - OBSERVATION WELL HYDROGRAPHS



ATTACHMENT D - GROUNDWATER DATA

ATTACHMENT E - DISCHARGE MONITORING REPORTS

ATTACHMENT F – GAC REACTIVATION BILL OF LADINGS

ATTACHMENT G – PHOTOLOG

ATTACHMENT H – UPGRADED GWTF LAYOUT

ATTACHMENT I – IMPORT REQUESTS



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 the second week of October 2023;
- 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. These include during the period (July 16, 2024, through September 27, 2024) when upgrades were being made to the GWTF on Area A and the system was shut down.
- No changes were made to the groundwater extraction system within the limits of Area D as part of the GWTF upgrades. There were excavations (trenching) to bury new groundwater system conveyance piping and control wiring within the right-of-way between Area A and Area D as part of the GWTF upgrades. These excavations are detailed in the 2023-2024 PRR for Buffalo Color Corporation Site Areas A & B (C915230) submitted to the NYSDEC under separate cover.
- 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. Five woodchucks were caught and removed from the Site. Several burrows were identified and were filled with stone (Attachment I).
- There were no excavations (see third bullet above), 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. There is no anticipated change in the frequency of operation of the Area D groundwater extraction system resulting from installation/upgrade of the GWTF on Area A.



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 (GWTF) 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. Several small burrows were identified and filled with stone. No additional 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 bathymetric 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 GWTF composite sample and annual PFAS effluent sampling are provided as Table 1 and 2, respectively. GWTF effluent data was collected during the startup/commissioning period of the new GWTF on Area A (C915230) at the end of Q3 2024 (Table 5).



Laboratory data reports are in Attachment D. Groundwater elevations from the observation well pairs are provided as Table 3. Trendlines of influent concentrations overtime are provided as Table 4. 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 integrity 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 2023-2024 MONITORING EVENT COMPLIANCE SUMMARY

<u>Monitoring Type</u>	<u>Frequency</u>	<u>2023</u>	<u>2024</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. PFAS and 1,4-dioxane were not detected in the treated effluent sample (Table 2).



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. The OM&M plan will be updated during the next reporting period to reflect construction and operation of the new GWTF. 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 15,920³ 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 was not required to be changed during the reporting period prior to installation of the upgraded GWTF. A change

³ Calculated from extraction well totalizers between 9/29/2023 and 9/30/2024.



out of the Multimedia Filter (MMF) was conducted in April 2024 prior to installation of the upgraded GWTF. The MMF was changed in order to increase OM&M operator efficiency. Bill of Ladings for the MMF media is 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 were 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 was included in that work. The upgraded GWTF was put into operation on September 27, 2024. There are no changes to the process operations for treatment of Area D groundwater. The process operations include particulate filtering through a multi-media sand filter and bag filters followed by treatment through GAC before discharge to the BSA. As-builts of the upgraded GWTF will be prepared during the next reporting period. A drawings showing the layout of the upgraded GWTF is included in Appendix H.

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, 2025.



Table





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

Class GA Standard**	1,2-Dichlorobenzene (a)	1,3-Dichlorobenzene (a)	1,4-Dichlorobenzene (a)	Aniline	Benzene	Chlorobenzene	2-Chlorophenol	Methylene Chloride	N-Nitrosodiphenylamine	Naphthalene	Total Recoverable Phenols	Cyanide, Amenable	Total Phosphate as P
	3	3	3	5	1	5	5	10	1	200			
06/03/19	5.1J	3.3J	28	5.9J	21J	2,400	7	<50	2.7J	15	24B	<5	310
05/18/20	5.7 J	3.6J	32	5.5J	15J	1,800	6.3	<25	2J	<5	5.3JF1B	<5	370
06/03/21	4.1	3J (2.7)	26 (21)	10	11	770	7.3	<2J	2J	<5	4J	<5	510B
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
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
09/30/24	<18 (<1.2)	<22 (<0.82)	<20 (<0.98)	3.2 J	<24	2,200	<0.79	<33	<0.98	<1	<3.5	11	590

Notes: All Results are shown in ug/L.

(a) Analyte is reported for both VOCs (Method 624.1) and SVOCs (Method 625.1). The lower of the two reported concentrations is reported in the parenthetical regardless of 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 1
Groundwater Data Summary
Buffalo Color Corporation Area D
Buffalo, New York

		Chromium	Copper	Lead	Nickel	Zinc
Class	GA Standard**	50	200	25	100	2000
	06/03/19	4.9	<10	<3	2.6J	2.8J
	05/18/20	7.5	15B	7.1 J	4.7J	5J
	06/03/21	5.6	3.9J	<3	4.1J	3.8J
	09/29/22	5.4	<1.6	3.5 J	5.7 J	2.8 BJ
	09/28/23	4.5	<1.6	7.4 J	4.6 J	9.9 J
	09/30/24	2.9 J	8.6 J	14	36 J	33



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

Analytes	Units	Area A/D Effluent													
		3/25/2021	8/19/2021	8/19/2021 (DUP)		9/29/2022	9/29/2022 (DUP)	9/28/2023	9/28/2023 (DUP)	9/30/2024	9/30/2024 (DUP)				
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	<1.3 U	<1.2 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	<1.7 U	<1.7 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	<1.6 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	<1.5 U	<1.5 U				
PERFLUOROBUTANESULFONIC ACID	ng/L	<37	4.7 B	5.1 B		4.6	4.6	1.2 J	1.3 J	<0.49 U	<0.49 U				
PERFLUOROBUTYRIC ACID (PFBA)	ng/L	<93	6.5	6.6		5.4	5.5	4.4 J	4.9	<1.2 U	<1.1 U				
PERFLUORODECANE SULFONIC ACID	ng/L	<37	<1.6 U	<1.6 U		<0.32 U	<0.32 U	<0.38 U	<0.34 U	<0.33 U	<0.33 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	<0.36 U	<0.35 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	<0.41 U	<0.41 U				
PERFLUOROHEPTANE SULFONATE (PFHpS)	ng/L	<37	3.2	3.1		<0.33 U	<0.33 U	<0.39 U	<0.35 U	<0.17 U	<0.17 U				
Perfluoroheptanoic Acid (PFHpA)	ng/L	<37	2.5	2.5		<0.43 U	<0.43 U	<0.51 U	<0.46 U	<0.36 U	<0.35 U				
PERFLUOROHEXANESULFONIC ACID	ng/L	47	56	57		2.2	2.3	2.4	2.2	<0.38 U	<0.37 U				
PERFLUOROHEXANOIC ACID (PFHxA)	ng/L	<37	11	10		1.5 J	1.3 J	1.5 J	1.3 J	<0.70 U	<0.70 U				
PERFLUORONONANOIC ACID	ng/L	<37	0.32 J	0.47 J		<0.39 U	<0.39 U	<0.46 U	<0.42 U	<0.21 U	<0.21 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	<0.39 U	<0.39 U				
PERFLUOROOCTANE SULFONIC ACID	ng/L	110	170 B	160 B		<0.68 U	<0.68 U	3.6	3.7	<0.48 U	<0.48 U				
Perfluorooctanoic acid (PFOA)	ng/L	<37	6.7	7.5		<0.61 U	<0.61 U	1.4 J	1.6 J	<0.39 U	<0.39 U				
PERFLUOROPENTANOIC ACID (PFPeA)	ng/L	<37	4.4	4.6		3.3	3.1	1.9	2.4	<0.47 U	<0.47 U				
PERFLUOROTETRADECANOIC ACID (PFTeA)	ng/L	<37	<1.6 U	<1.6 U		<0.51 U	<0.51 U	<0.60 U	<0.54 U	<0.29 U	<0.29 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	<0.32 U	<0.32 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	<0.26 U	<0.26 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	<0.10 U	<0.10 U				

Notes:

1 - Compounds Detected Above the Method Detection Limit are presented in Bold Font.

2 - U - Not Detected above Method Detection Limit Shown; J =Estimated 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)
10/31/2023	16.63	570.37	10.44	571.87	17.26	570.23	10.39	571.88	17.37	570.15	10.03	571.87	17.02	570.22	10.23	571.90	16.93	570.26	9.97	571.86	18.53	570.18	10.51	571.93
11/30/2023	16.55	570.45	10.47	571.84	17.11	570.38	10.42	571.85	17.14	570.38	10.12	571.78	16.79	570.45	10.10	572.03	16.73	570.46	10.08	571.75	18.23	570.48	10.10	572.34
12/29/2023	16.44	570.56	10.74	571.57	16.95	570.54	10.7	571.57	16.98	570.54	10.31	571.59	16.67	570.57	10.46	571.67	16.56	570.63	10.19	571.64	18.13	570.58	10.66	571.78
1/30/2024	16.64	570.36	10.49	571.82	17.18	570.31	10.56	571.71	17.39	570.13	10.07	571.83	17.12	570.12	10.28	571.85	16.92	570.27	10.11	571.72	18.51	570.20	10.56	571.88
2/29/2024	17.02	569.98	10.06	572.25	17.96	569.53	10.84	571.43	17.94	569.58	9.49	572.41	17.56	569.68	9.51	572.62	17.49	569.70	9.33	572.50	19.13	569.58	10.21	572.23
3/29/2024	16.62	570.38	10.23	572.08	17.19	570.30	10.17	572.10	17.32	570.20	10.12	571.78	16.62	570.62	8.91	573.22	18.48	568.71	10.34	571.49	18.48	570.23	10.34	572.10
4/30/2024	16.57	570.43	9.37	572.94	17.17	570.32	9.31	572.96	17.31	570.21	8.99	572.91	16.93	570.31	9.22	572.91	16.81	570.38	8.97	572.86	18.46	570.25	9.50	572.94
5/31//2024	16.82	570.18	9.28	573.03	17.42	570.07	9.14	573.13	17.46	570.06	8.82	573.08	17.11	570.13	9.02	573.11	17.06	570.13	8.76	573.07	18.61	570.10	9.41	573.03
6/28/2024	16.71	570.29	9.77	572.54	17.34	570.15	9.74	572.53	17.52	570.00	9.32	572.58	17.15	570.09	9.51	572.62	17.04	570.15	9.02	572.81	18.67	570.04	9.74	572.70
9/30/2024	16.47	570.53	10.52	571.79	17.01	570.48	10.44	571.83	17.02	570.50	10.11	571.79	16.71	570.53	10.32	571.81	16.65	570.54	10.03	571.80	18.21	570.50	10.68	571.76

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

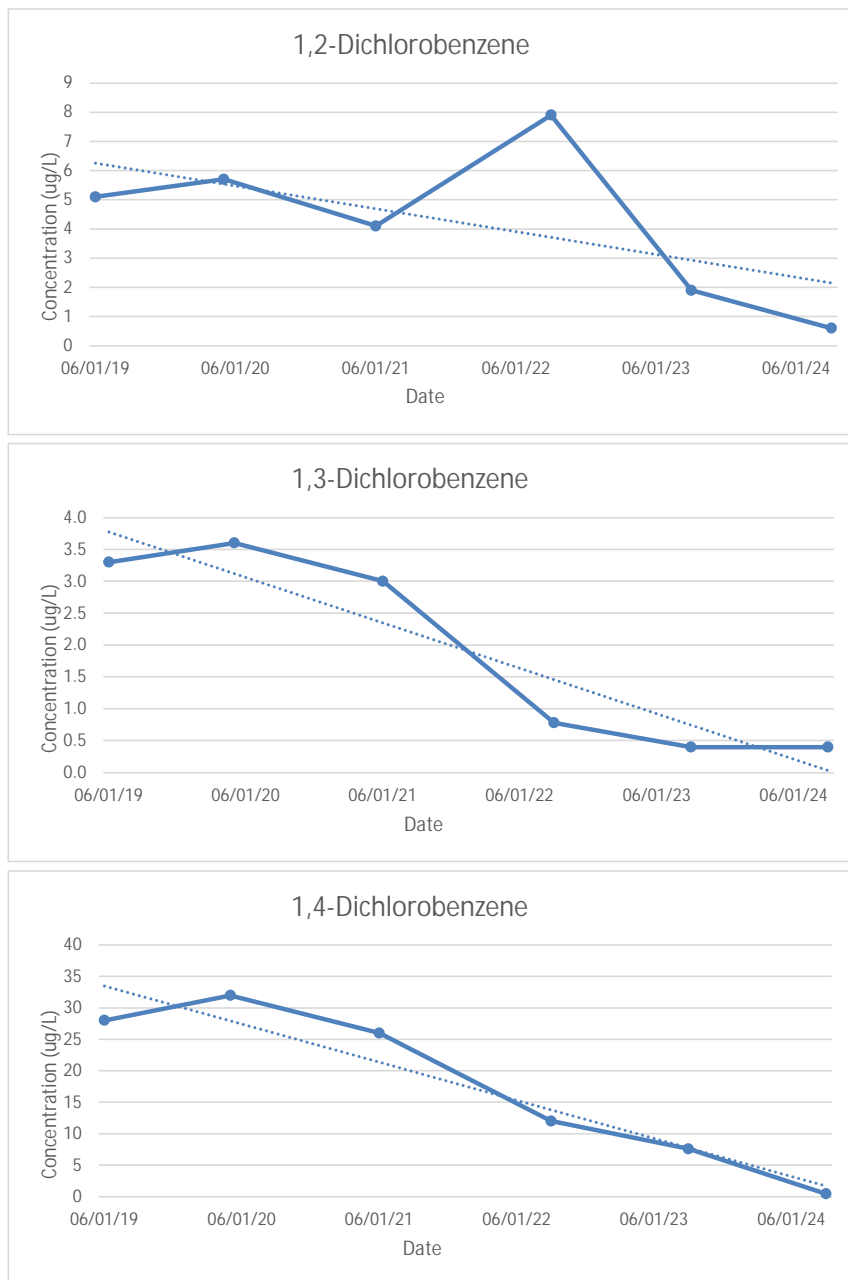
Note: Measurements were not collected during the GWTF system upgrades in July and August 2024.

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



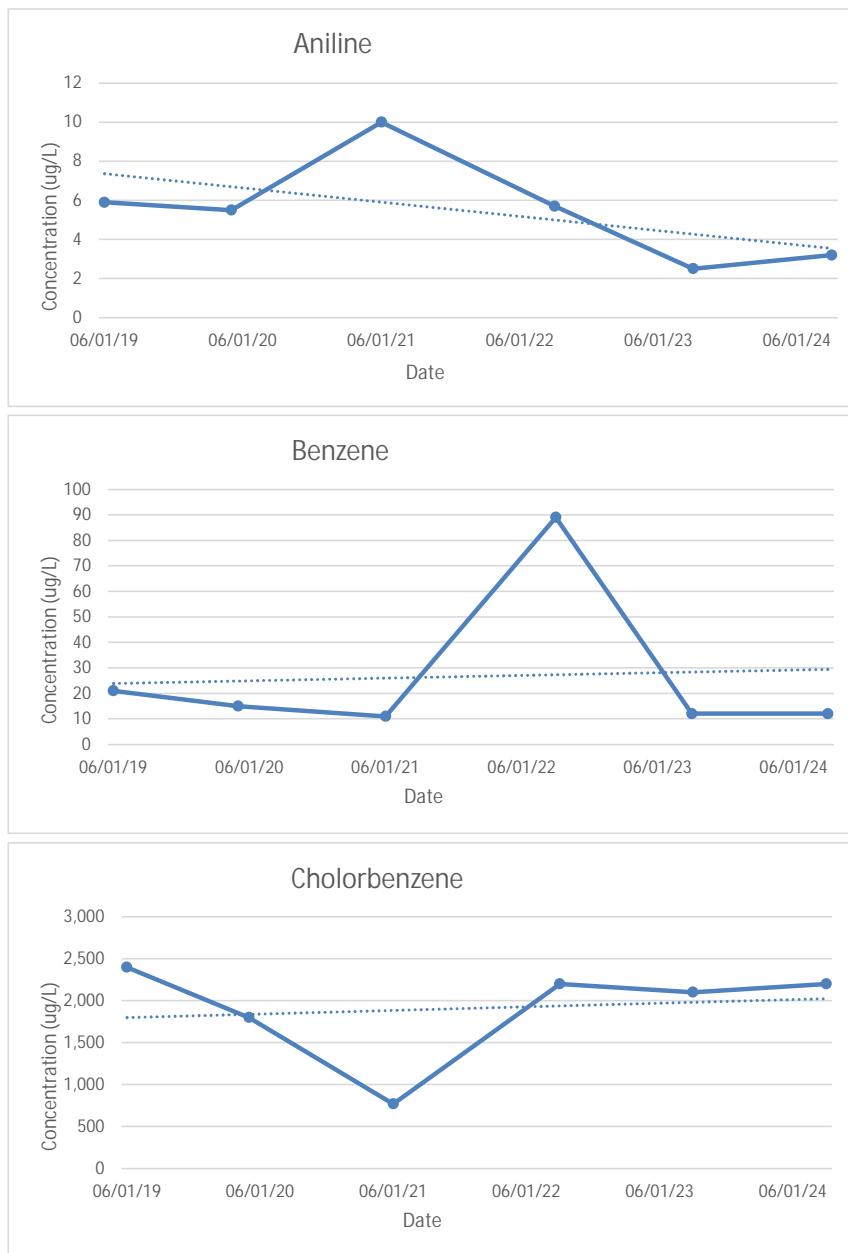
Table 4
Influent Trends
Buffalo Color Corporation Area D
Buffalo, New York



Note: Non-detects are graphed as one-half the reported detection limit. If two non-detect values are available for given sample (i.e. analyte reported for two methods) the lower of the two is used.



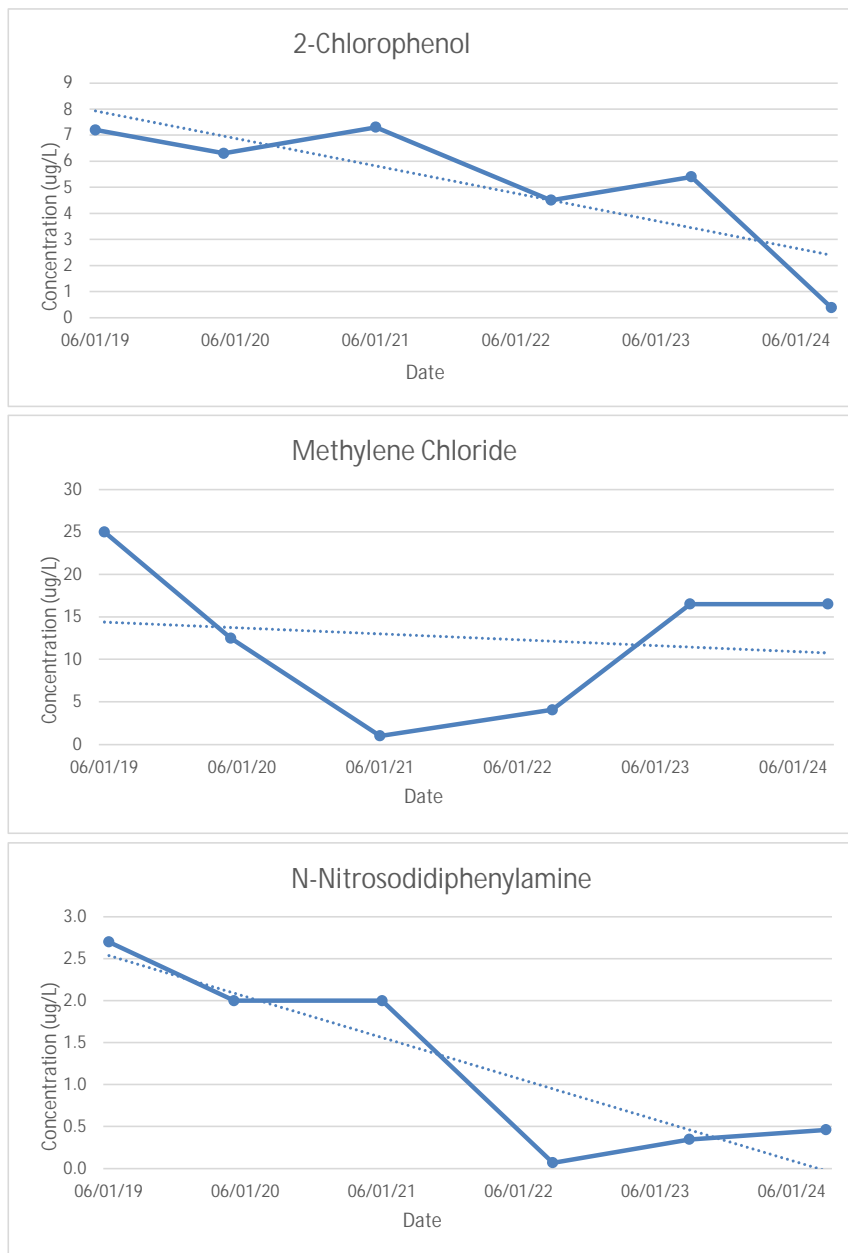
Table 4
Influent Trends
Buffalo Color Corporation Area D
Buffalo, New York



Note: Non-detects are graphed as one-half the reported detection limit. If two non-detect values are available for given sample (i.e. analyte reported for two methods) the lower of the two is used.



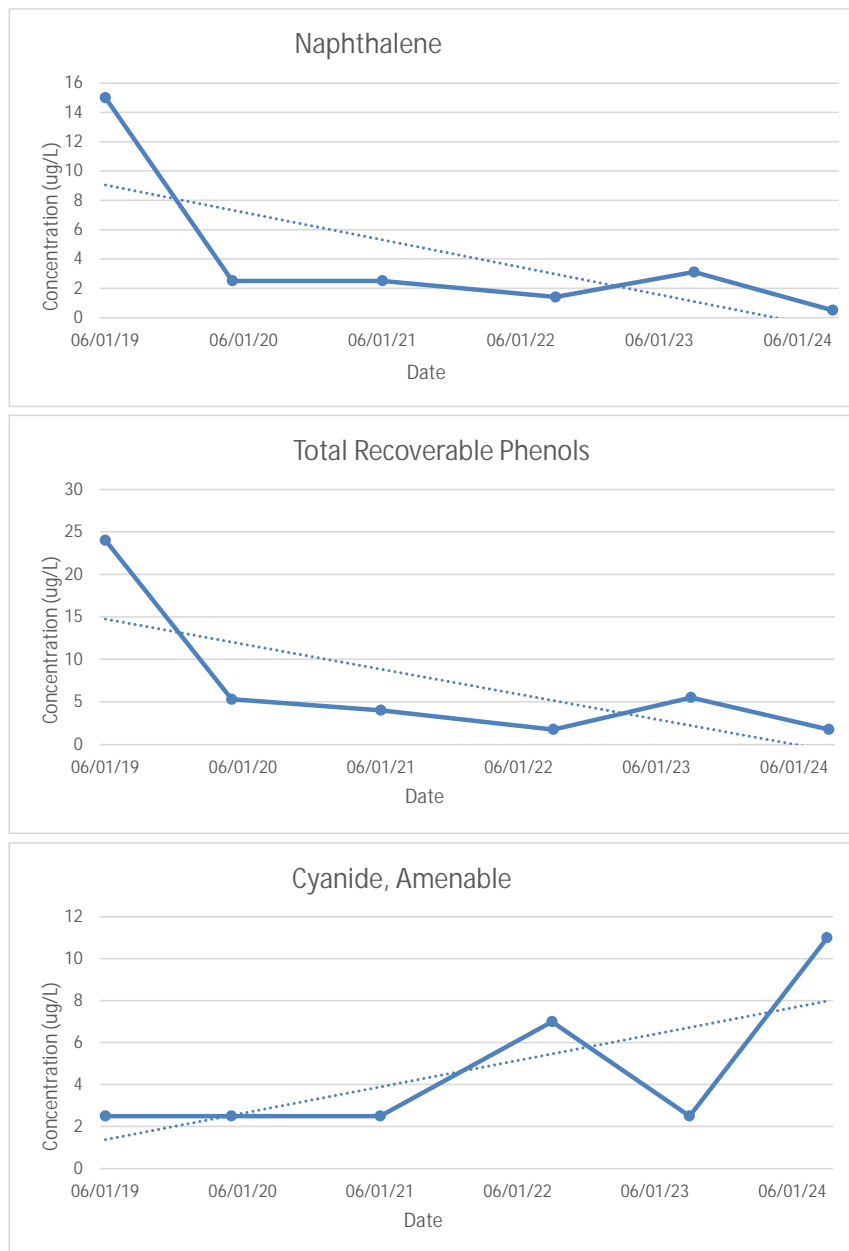
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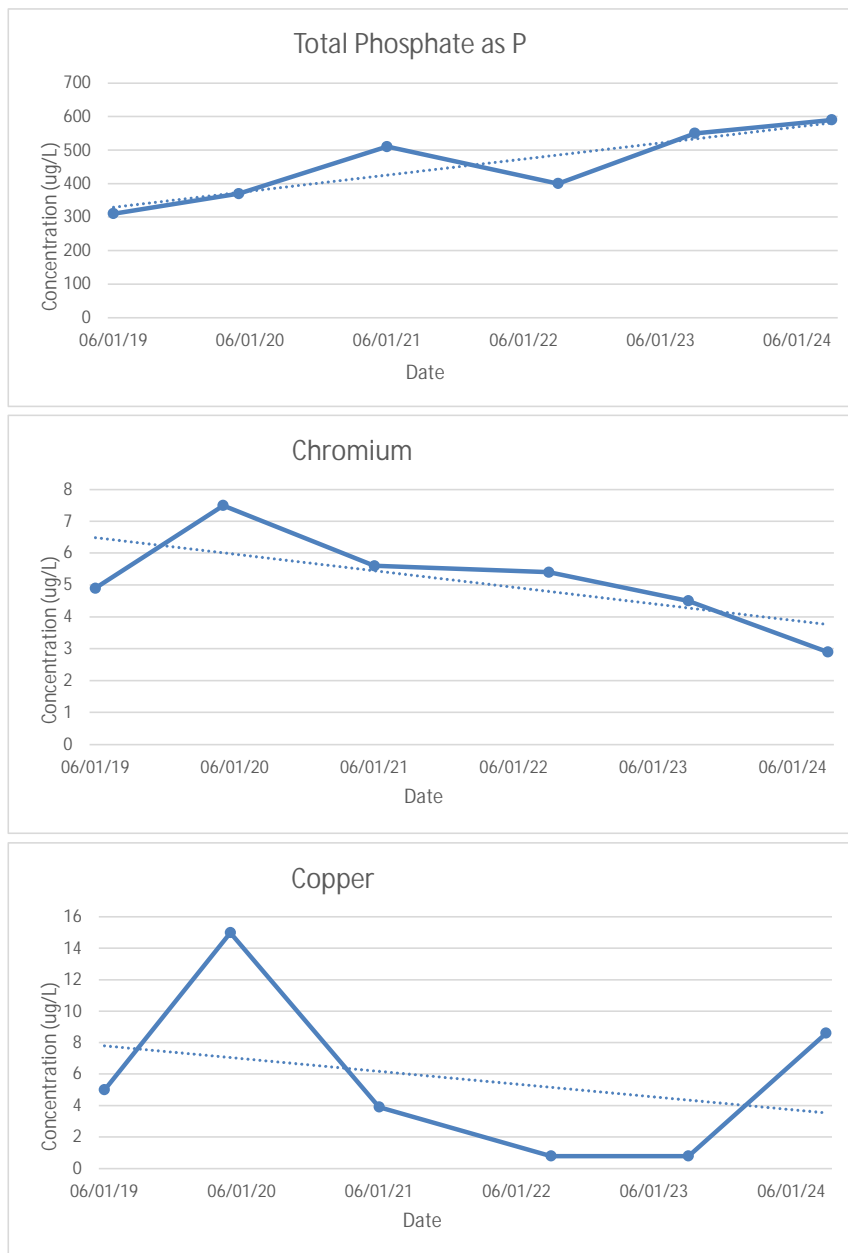
Table 4
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Buffalo Color Corporation Area D
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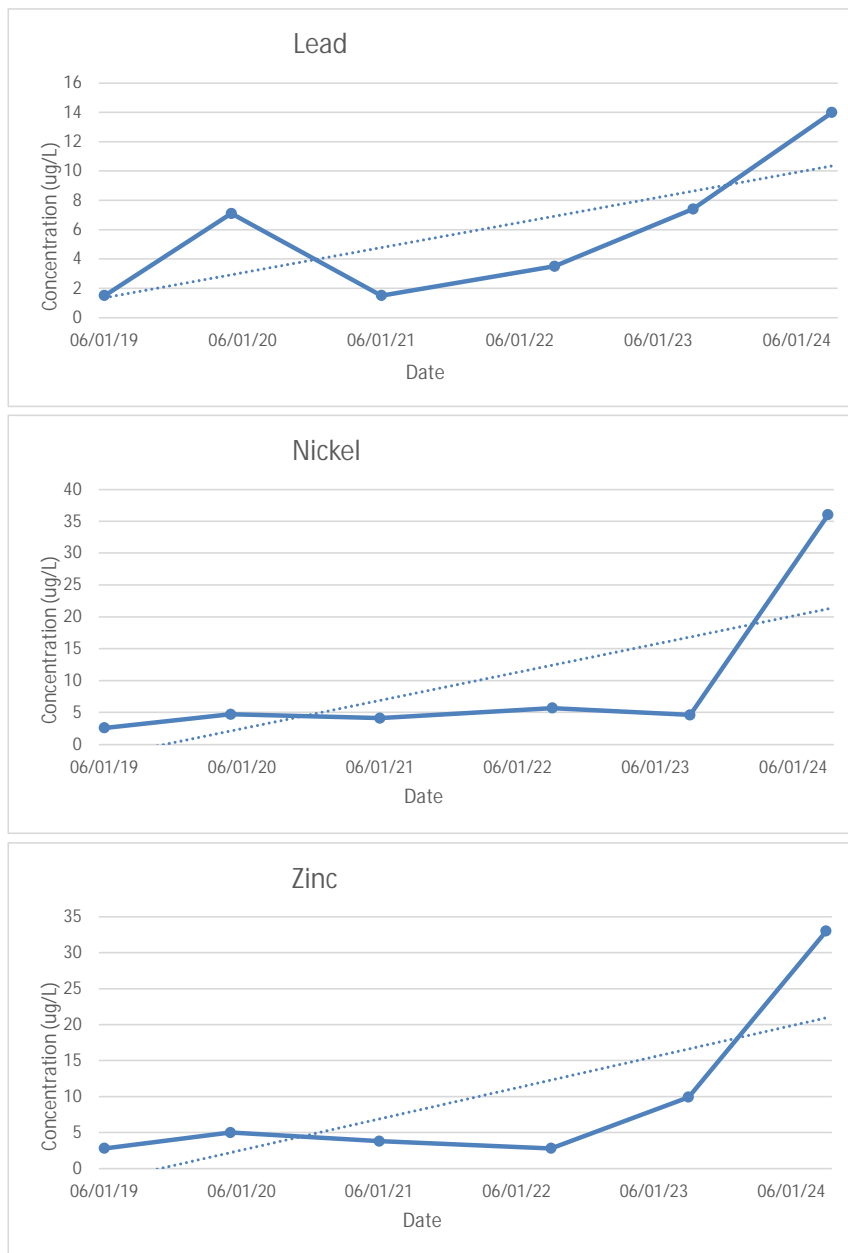
Table 4
Influent Trends
Buffalo Color Corporation Area D
Buffalo, New York



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Table 4
Influent Trends
Buffalo Color Corporation Area D
Buffalo, New York



Note: Non-detects are graphed as one-half the reported detection limit. If two non-detect values are available for given sample (i.e. analyte reported for two methods) the lower of the two is used.



Table 5
System Startup BSA Discharge Parameters - September 27, 2024
Existing BSA Permit(20-06-BU109) Discharge Parameters

BSA Permit Parameter (Note 1)		GWTF System Startup Samples (9/27/2024) Sample ID: BCC BSA SUMP-EFFLUENT- 20240927 (See Note 1)			Converted Analytical Results		BSA Daily Max Discharge Limit (Existing Permit)		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	8.2	N/A	SU	8.20	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	ND	0.004	mg/L	ND	lbs/day	1.67	lbs/day	Yes	20	ND	Yes
Total Chromium	7440-47-3	ND	0.0024	mg/L	ND	lbs/day	0.83	lbs/day	Yes	40	ND	Yes
Total Copper	7440-50-8	0.0046	0.0045	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0046	Yes
Lead	7439-92-1	ND	0.0039	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.000042	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0041	0.003	mg/L	0.0008	lbs/day	1.17	lbs/day	Yes	14	0.0041	Yes
Zinc	7440-66-6	ND	0.0068	mg/L	ND	lbs/day	2.046	lbs/day	Yes	25	ND	Yes
Amendable Cyanide	CAN	0.026	0.005	mg/L	0.005	lbs/day	2.59	lbs/day	Yes	6.2	0.026	Yes
Total PCB	Sum Method_E608	ND	0.037	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	ND	1.5	ug/L	ND	lbs/day	50	lbs/day	Yes	0.01	ND	Yes
Benzene	71-43-2	ND	0.6	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	4.2	0.48	ug/L	0.0008	lbs/day	0.129	lbs/day	Yes	0.31	0.0042	Yes
1,2-Dichlorobenzene	95-50-1	ND	0.44	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	1.6	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	0.87	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	0.86	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	1.4	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	1	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	1.2	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	4.2	NA	ug/L	0.004	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	ND	4.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.23	0.005	mg/L	0.230	mg/L	15.35	mg/L	Yes			
Total Flow	N/A	16	-	gpm	23,040	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

Total Flow for Period (See Note 2)	10,000	gallons
Average Flow for Period (See Note 2)	16	gpm

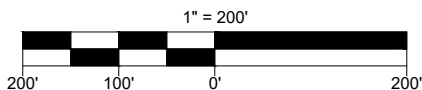
Note 1: Table format and discharge limitation calculations follow existing BSA Permit No. 20-06-BU109. "-" = Not analyzed in treatability test; "N/A" - not applicable to this example SMR.

Note 2: Total and Average flow during during system startup/commissioning between 9/27/2024 and 10/4/24

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

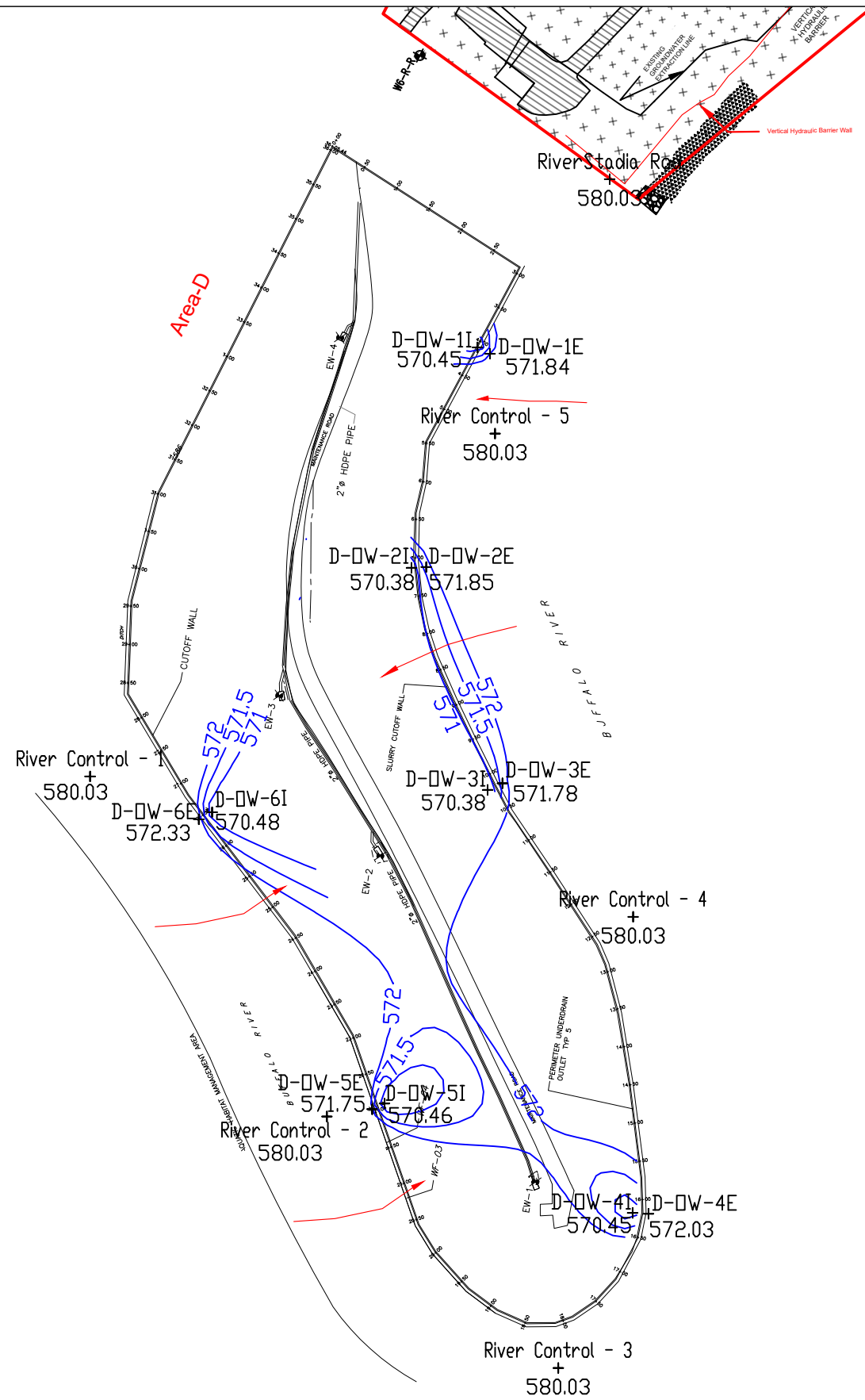
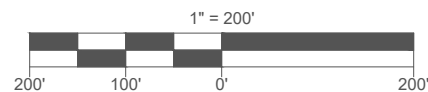
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FIGURE 01

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FOURTH QUARTER 2023
 GROUNDWATER ELEVATION
 CONTOURS
 BUFFALO COLOR AREA "D"

DRAWING BY	
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APPROVED	

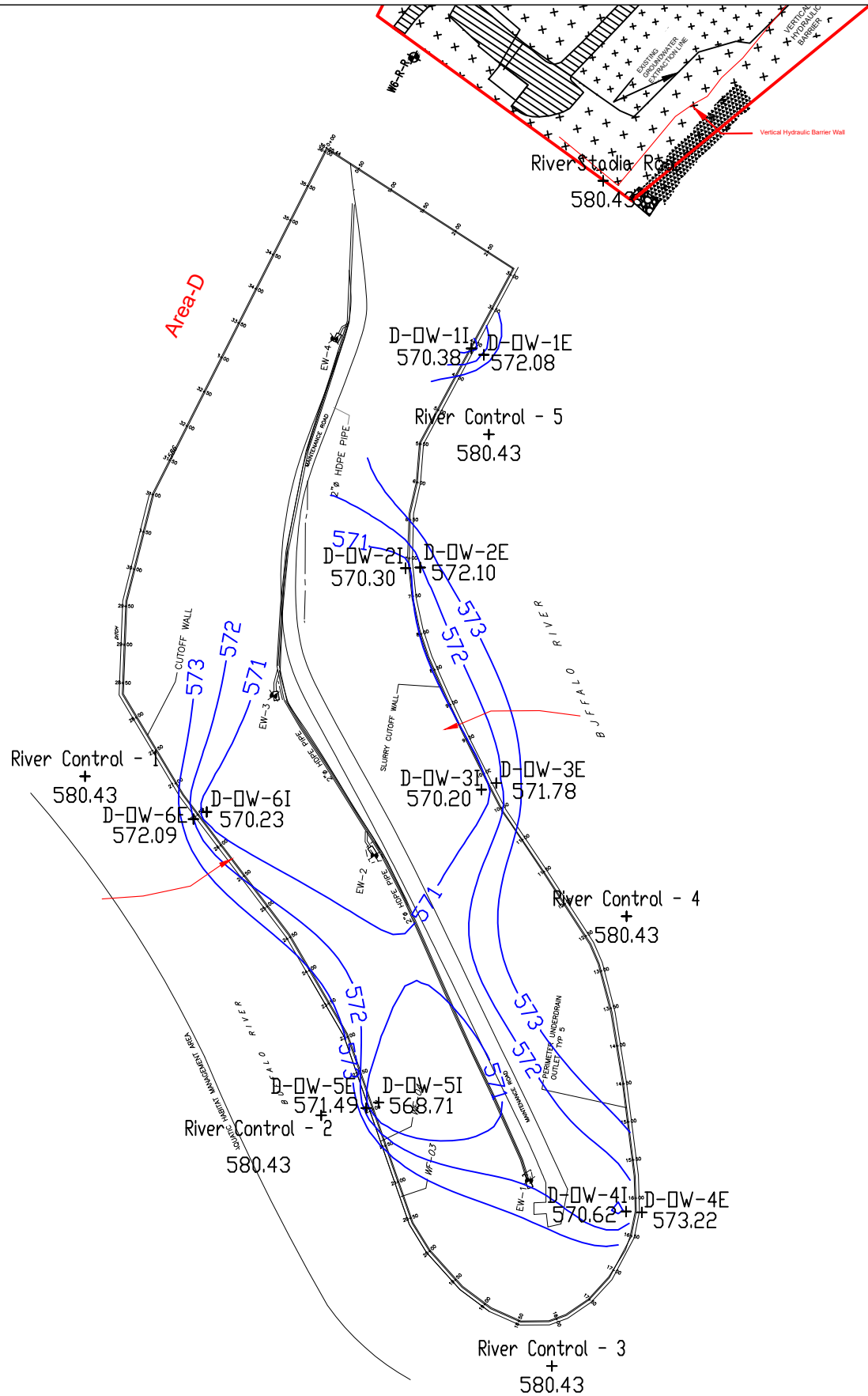
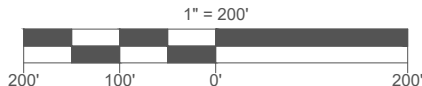
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FIGURE 3

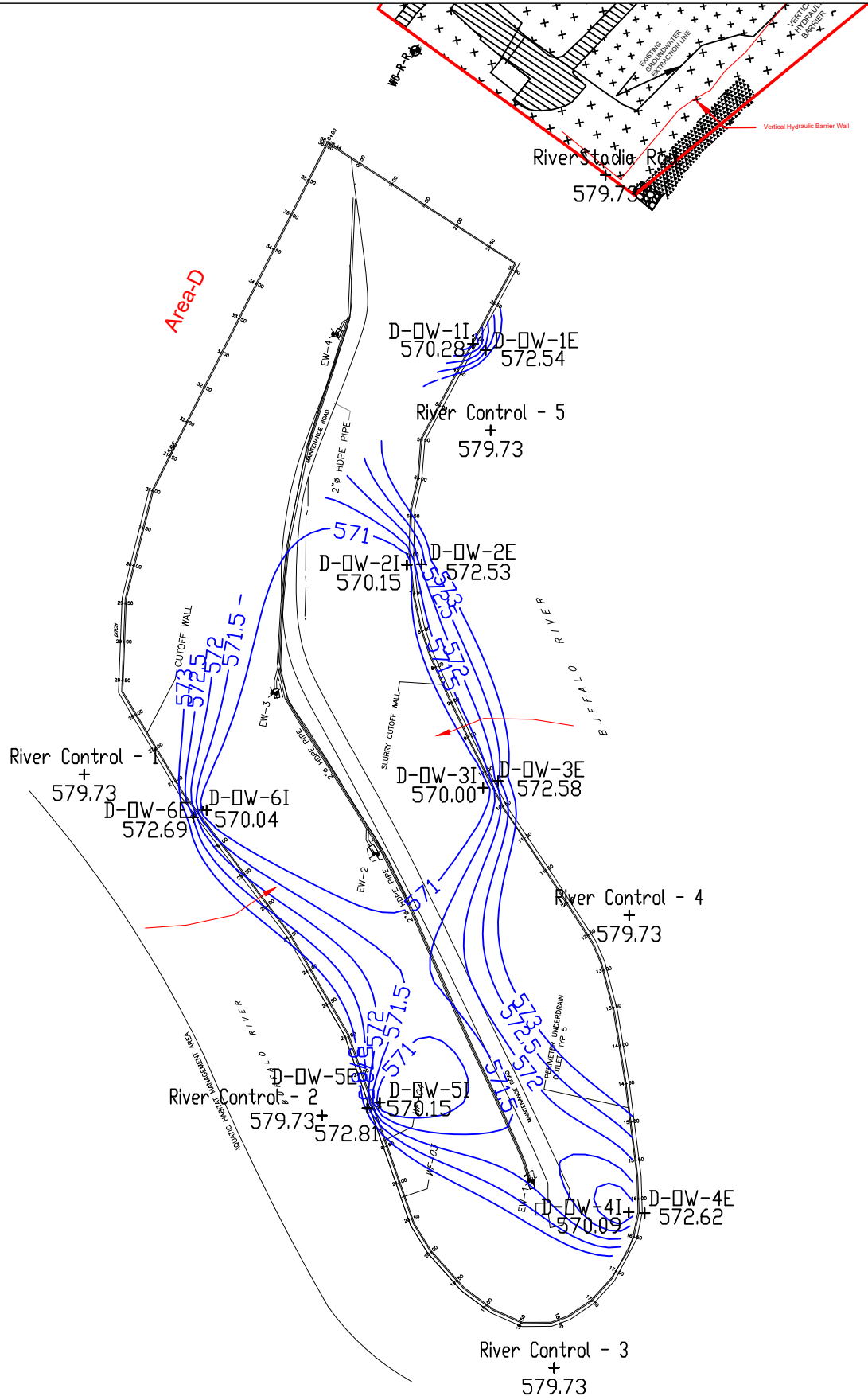
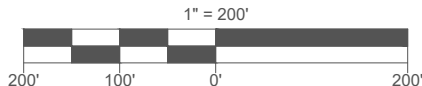
DRAWING NUMBER

FIRST QUARTER 2024
GROUNDWATER ELEVATION
CONTOURS
BUFFALO COLOR AREA "D"

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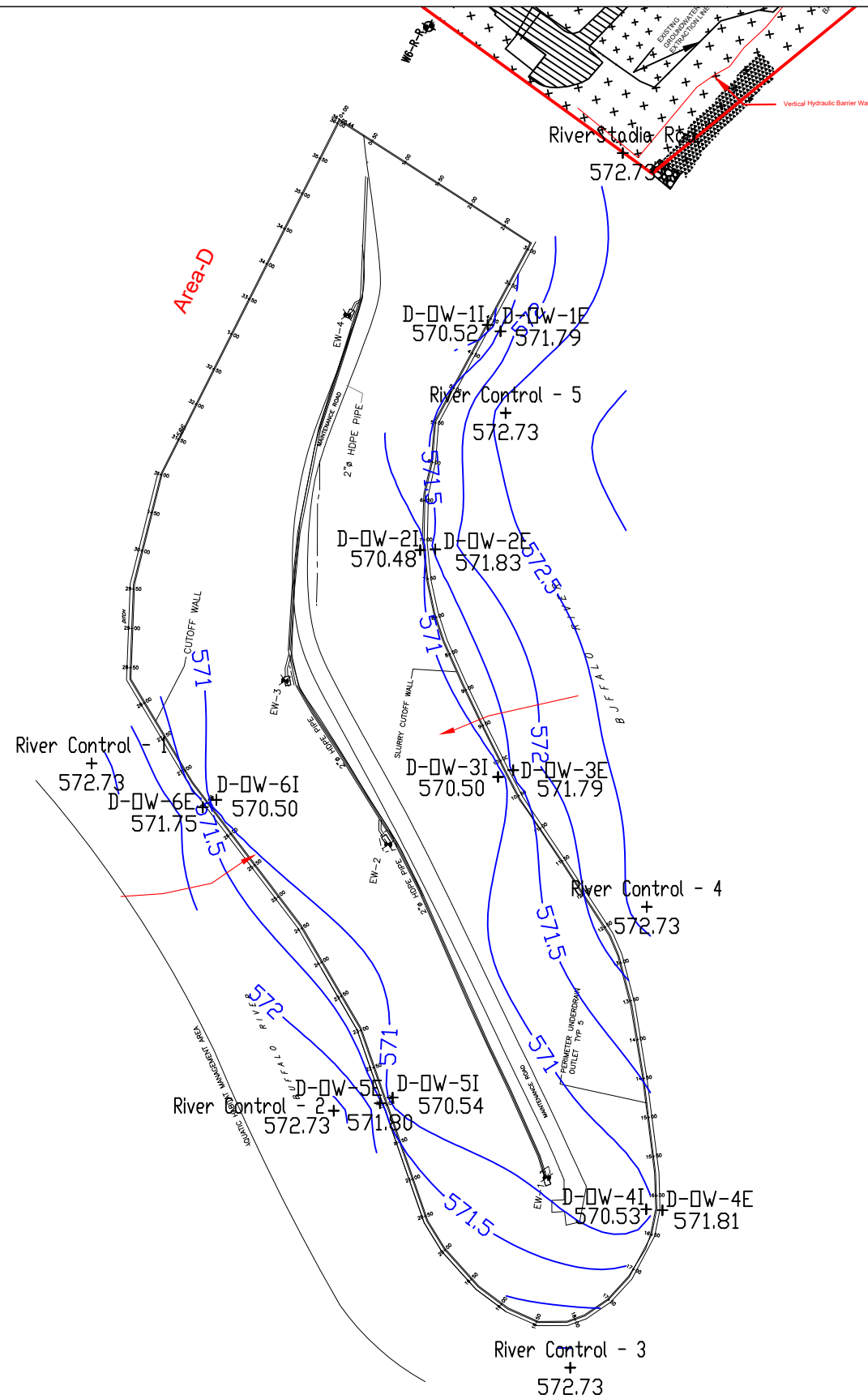
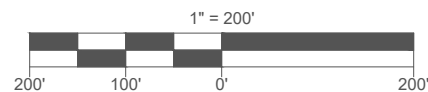



FIGURE 4

DRAWING NUMBER

SECOND QUARTER 2024
GROUNDWATER ELEVATION
CONTOURS
BUFFALO COLOR AREA "D"

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THIRD QUARTER 2024
 GROUNDWATER ELEVATION
 CONTOURS
 BUFFALO COLOR AREA "D"

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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, 2023 to October 05, 2024

YES NO

1. Is the information above correct?

X

7

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?

9

X

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?

7

X

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

7

X

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

5. Is the site currently undergoing development?

7

X

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below?
Commercial and Industrial

X

☐

7. Are all ICs in place and functioning as designed?

X

7

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

X ☐

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

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

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

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

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

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

YES NO

X ☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

**IC CERTIFICATIONS
SITE NO. 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,
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

02/19/2025

Date

EC CERTIFICATIONS

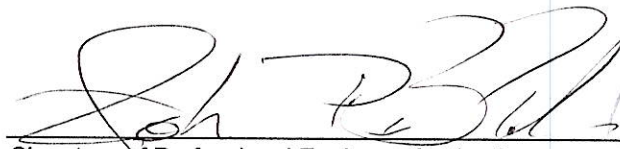
Box 7

Professional Engineer Signature

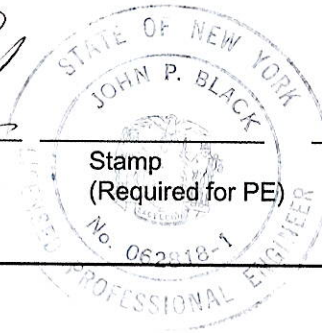
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black at 441 Carlisle Drive; Ste C; Herndon, VA,
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



Stamp
(Required for PE)

02/19/2025

Date

ATTACHMENT B - SITE INSPECTIONS



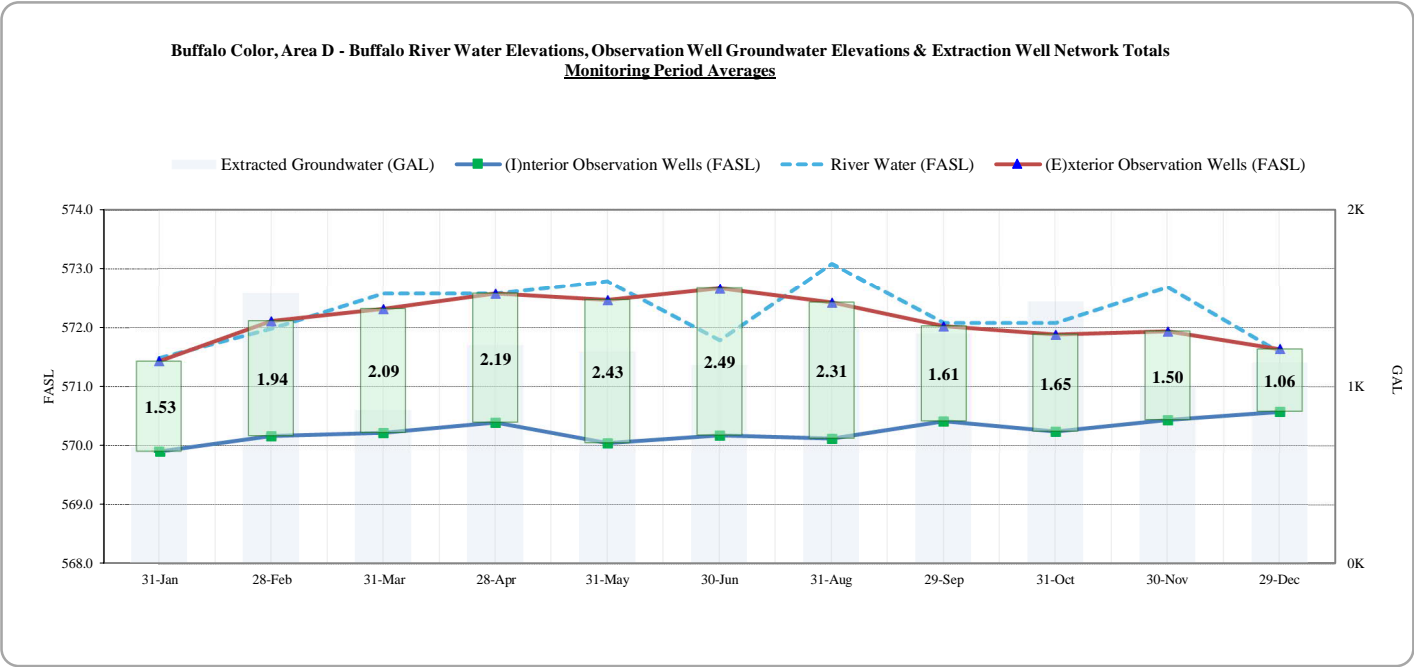
Area D Cover System; Riverbank; & Site-Wide Compliance Inspection									
Area D Additional Notes	Site-Wide Compliance (OK / Comment)					Riverbank (OK / Comment)		Cover System (OK / Comment)	
	Area D Institutional Site Use Restrictions	OK				Area D Storm Drainage System & Structures	OK	Area D Soil Cover Integrity	OK
	Area D O&M Schedule	OK				Area D Occupied Basement Slabs	None	Area D Grass / Vegetation	OK
	Area D Active Site Permits	OK				Area D Outdoor Paved Areas	OK	Area D Gravel Cover Integrity	OK
	Area D Site Records	OK				Area D Shoreline Erosion Protection (Vegetation / Riprap)	OK	Area D Soil Cover Integrity	OK
	Area D Groundwater Monitoring Program	OK				Area D Shoreline Soil Slope Integrity	OK	Area D Grass / Vegetation	OK
	Area D Vertical Hydraulic Barrier Monitoring Program	OK				Sediment Deposit Area (SDA) Bathymetric Survey (Performed Every 5 Years)		Area D Soil Cover Integrity	OK
								Area D Grass / Vegetation	OK
								Area D Soil Cover Integrity	OK
								Area D Grass / Vegetation	OK
Pre-Inspection Data									
Weather					Site Conditions				
Cloud Cover (Clear / Pt. Cloudy / Overcast)	Pt. Cloudy				Ground Surface (Dry / Damp / Wet)	Damp			
Precipitation (None / Rain / Snow / Hail)	None				Temperature Range (+/- 10 Deg F Range)	42F			
Lightning (Yes / No)	No				Wind (Calm / Moderate / Strong)	Calm			
NYSDEC Invitation Extended (Yes / No / List Attendees)	No				Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HE: 12" or more)	Low			
Associate(s)	Taylor Kunzelman								
Date	Fri 3/29/2024								
									</

ATTACHMENT C - OBSERVATION WELL HYDROGRAPHS



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

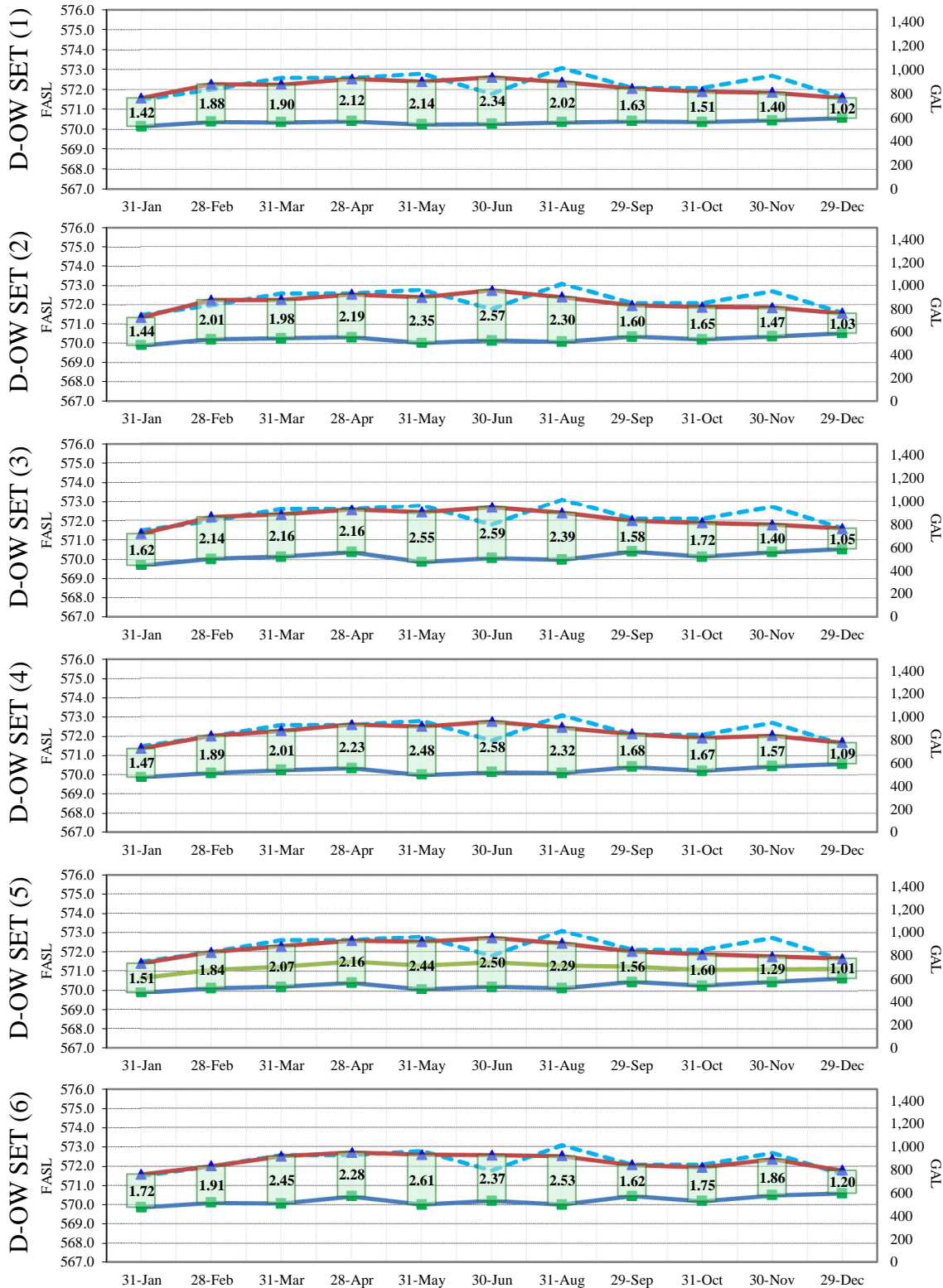
2023	RIVER	D-OW SET (1)			D-OW SET (2)			D-OW SET (3)			D-OW SET (4)			D-OW SET (5)			D-OW SET (6)			AVERAGES			D-EW				
Date	RSR	1I	1E	1ED	2I	2E	2ED	3I	3E	3ED	4I	4E	4ED	5I	5E	5ED	6I	6E	6ED	I	E	ED	1	2	3	4	TOTAL
31-Jan	571.48	570.15	571.56	1.42	569.91	571.35	1.44	569.70	571.32	1.62	569.89	571.37	1.47	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	1526
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	1233
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	1196
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	1118
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	1324
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	1295
31-Oct	572.08	570.37	571.87	1.51	570.23	571.88	1.65	570.15	571.87	1.72	570.22	571.90	1.67	570.26	571.86	1.60	570.18	571.93	1.75	570.23	571.88	1.65	320	110	497	550	1477
30-Nov	572.68	570.45	571.84	1.40	570.38	571.85	1.47	570.38	571.78	1.40	570.45	572.03	1.57	570.46	571.75	1.29	570.48	572.34	1.86	570.43	571.93	1.50	210	90	400	303	1003
29-Dec	571.58	570.56	571.57	1.02	570.54	571.57	1.03	570.54	571.59	1.05	570.57	571.67	1.09	570.63	571.64	1.01	570.58	571.78	1.20	570.57	571.63	1.06	280	170	324	361	1135
Avg Sum	572.24	570.35	572.11	1.76	570.23	572.10	1.87	570.15	572.09	1.94	570.23	572.15	1.91	570.26	572.10	1.84	570.21	572.23	2.02	570.24	572.13	1.89	2,870	1,160	4,967	3,829	12,826



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

2023

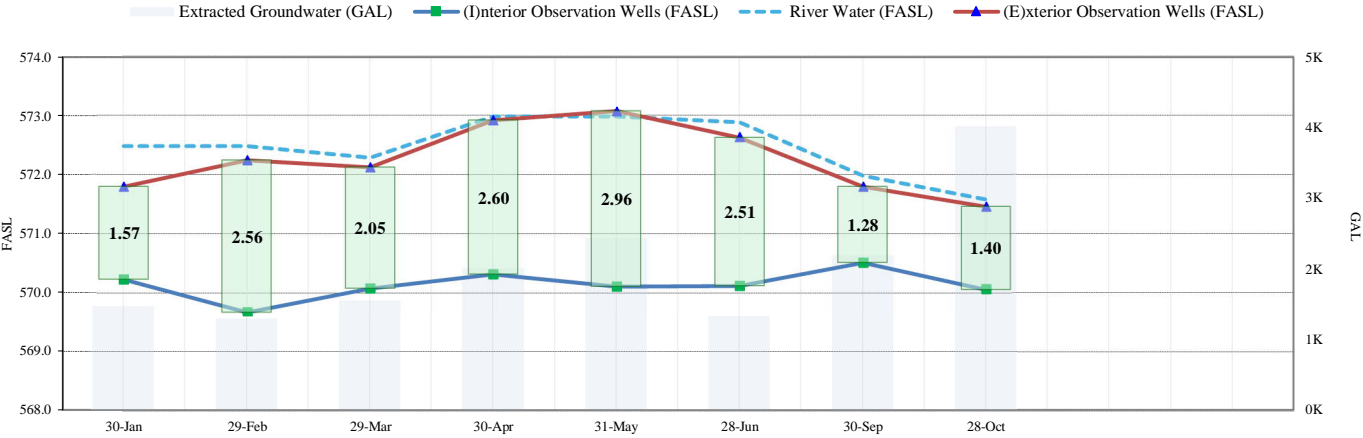
(Interior Observation Wells (FASL) River Water (FASL)
(E)xterior Observation Wells (FASL)



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

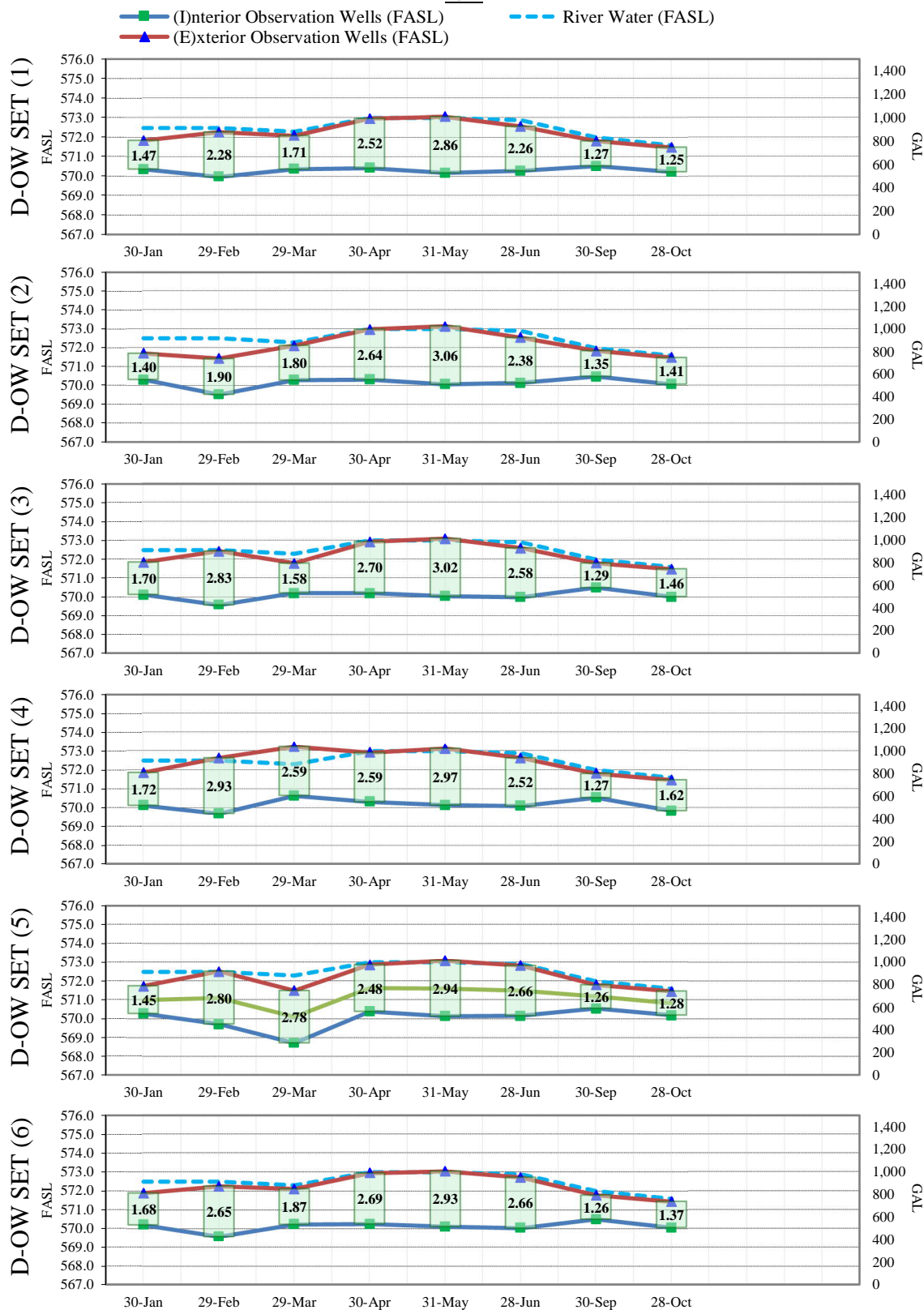
2024	RIVER	D-OW SET (1)			D-OW SET (2)			D-OW SET (3)			D-OW SET (4)			D-OW SET (5)			D-OW SET (6)			AVERAGES			D-EW				
Date	RSR	1I	1E	1ED	2I	2E	2ED	3I	3E	3ED	4I	4E	4ED	5I	5E	5ED	6I	6E	6ED	I	E	ED	1	2	3	4	TOTAL
30-Jan	572.48	570.36	571.82	1.47	570.31	571.71	1.40	570.13	571.83	1.70	570.12	571.85	1.72	570.27	571.72	1.45	570.20	571.88	1.68	570.23	571.80	1.57	260	180	708	333	1481
29-Feb	572.48	569.98	572.25	2.28	569.53	571.43	1.90	569.58	572.41	2.83	569.68	572.62	2.93	569.70	572.50	2.80	569.58	572.23	2.65	569.67	572.24	2.56	280	90	596	326	1292
29-Mar	572.28	570.38	572.08	1.71	570.30	572.10	1.80	570.20	571.78	1.58	570.62	573.22	2.59	568.71	571.49	2.78	570.23	572.10	1.87	570.07	572.13	2.05	530	108	383	540	1561
30-Apr	572.98	570.43	572.94	2.52	570.32	572.96	2.64	570.21	572.91	2.70	570.31	572.91	2.59	570.38	572.86	2.48	570.25	572.94	2.69	570.32	572.92	2.60	300	94	1018	597	2009
31-May	572.98	570.18	573.03	2.86	570.07	573.13	3.06	570.06	573.08	3.02	570.13	573.11	2.97	570.13	573.07	2.94	570.10	573.03	2.93	570.11	573.07	2.96	450	18	1089	880	2437
28-Jun	572.88	570.29	572.54	2.26	570.15	572.53	2.38	570.00	572.58	2.58	570.09	572.62	2.52	570.15	572.81	2.66	570.04	572.70	2.66	570.12	572.63	2.51	230	50	578	471	1329
30-Sep	571.98	570.53	571.79	1.27	570.48	571.83	1.35	570.50	571.79	1.29	570.53	571.81	1.27	570.54	571.80	1.26	570.50	571.76	1.26	570.51	571.79	1.28	660	10	1463	63	2196
28-Oct	571.58	570.23	571.47	1.25	570.07	571.48	1.41	570.01	571.47	1.46	569.83	571.46	1.62	570.17	571.45	1.28	570.06	571.43	1.37	570.06	571.46	1.40	3650	0	248	104	4002
	Note: Groundwater Elevations were not collected in July and August 2024 during GWTF upgrades.																										
Avg Sum	572.46	570.29	572.24	1.95	570.15	572.14	1.99	570.08	572.23	2.14	570.17	572.45	2.28	570.01	572.21	2.20	570.12	572.25	2.13	570.14	572.25	2.12	6,360	550	6,083	3,314	16,307

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

2024



ATTACHMENT D - GROUNDWATER DATA



ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/7/2024 3:42:06 PM

JOB DESCRIPTION

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

JOB NUMBER

480-223845-1

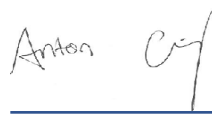
Eurofins Buffalo

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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10/7/2024 3:42:06 PM

Authorized for release by
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Anton.Gruning@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: 480-223845-1

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
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

Case Narrative

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

Job ID: 480-223845-1

Job ID: 480-223845-1

Eurofins Buffalo

Job Narrative 480-223845-1

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

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

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

Receipt

The samples were received on 9/30/2024 4:05 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 time was 4.7°C.

GC/MS VOA

Method 624.1_PREC: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area D Influent (480-223845-1). 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_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-726739.

Method 625.1_PREC: The following sample was diluted due to color, appearance, and viscosity: BCC Area D Influent (480-223845-1). Elevated reporting limits (RL) are provided.

Method 625.1_PREC: The continuing calibration verification (CCV) associated with batch 480-726818 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: BCC Area D Influent (480-223845-1).

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

PCBs

Method 608.3_PCB_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-726863.

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

Metals

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

General Chemistry

Method 420.4_NP: The initial calibration verification (ICV) associated with batch 480-727021 recovered above the upper control limit for Phenolics, Total Recoverable. The samples associated with this ICV were non-detects for the affected analytes; therefore, the data have been reported. BCC Area D Influent (480-223845-1)

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

Eurofins Buffalo

Detection Summary

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

Job ID: 480-223845-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-223845-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2200		200	19	ug/L	40		624.1	Total/NA
Aniline	3.2	J	48	1.8	ug/L	5		625.1	Total/NA
Chromium	0.0029	J	0.0040	0.0024	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0086	J	0.010	0.0045	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.014		0.010	0.0039	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0036	J	0.010	0.0034	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.033		0.010	0.0068	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Amenable	0.011		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Total Phosphate as P	0.59		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223845-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-223845-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-223845-1

Date Collected: 09/30/24 00:00

Matrix: Water

Date Received: 09/30/24 16:05

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		200	15	ug/L			10/01/24 22:16	40
1,1,2,2-Tetrachloroethane	ND		200	10	ug/L			10/01/24 22:16	40
1,1,2-Trichloroethane	ND		200	19	ug/L			10/01/24 22:16	40
1,1-Dichloroethane	ND		200	24	ug/L			10/01/24 22:16	40
1,1-Dichloroethene	ND		200	34	ug/L			10/01/24 22:16	40
1,2-Dichlorobenzene	ND		200	18	ug/L			10/01/24 22:16	40
1,2-Dichloroethane	ND		200	24	ug/L			10/01/24 22:16	40
1,2-Dichloroethene, Total	ND		400	130	ug/L			10/01/24 22:16	40
1,2-Dichloropropane	ND		200	24	ug/L			10/01/24 22:16	40
1,3-Dichlorobenzene	ND		200	22	ug/L			10/01/24 22:16	40
1,4-Dichlorobenzene	ND		200	20	ug/L			10/01/24 22:16	40
2-Chloroethyl vinyl ether	ND		1000	74	ug/L			10/01/24 22:16	40
Acrolein	ND		4000	700	ug/L			10/01/24 22:16	40
Acrylonitrile	ND		4000	76	ug/L			10/01/24 22:16	40
Benzene	ND		200	24	ug/L			10/01/24 22:16	40
Bromoform	ND		200	19	ug/L			10/01/24 22:16	40
Bromomethane	ND		200	48	ug/L			10/01/24 22:16	40
Carbon tetrachloride	ND		200	20	ug/L			10/01/24 22:16	40
Chlorobenzene	2200		200	19	ug/L			10/01/24 22:16	40
Dibromochloromethane	ND		200	17	ug/L			10/01/24 22:16	40
Chloroethane	ND		200	35	ug/L			10/01/24 22:16	40
Chloroform	ND		200	22	ug/L			10/01/24 22:16	40
Chloromethane	ND		200	25	ug/L			10/01/24 22:16	40
cis-1,3-Dichloropropene	ND		200	13	ug/L			10/01/24 22:16	40
Bromodichloromethane	ND		200	21	ug/L			10/01/24 22:16	40
Ethylbenzene	ND		200	19	ug/L			10/01/24 22:16	40
Methylene Chloride	ND		200	33	ug/L			10/01/24 22:16	40
Tetrachloroethene	ND		200	14	ug/L			10/01/24 22:16	40
Toluene	ND		200	18	ug/L			10/01/24 22:16	40
trans-1,3-Dichloropropene	ND		200	18	ug/L			10/01/24 22:16	40
Trichloroethene	ND		200	24	ug/L			10/01/24 22:16	40
Trichlorofluoromethane	ND		200	18	ug/L			10/01/24 22:16	40
Vinyl chloride	ND		200	30	ug/L			10/01/24 22:16	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		10/01/24 22:16	40
4-Bromofluorobenzene (Surr)	98		76 - 123		10/01/24 22:16	40
Toluene-d8 (Surr)	99		77 - 120		10/01/24 22:16	40
Dibromofluoromethane (Surr)	95		75 - 123		10/01/24 22:16	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	0.98	ug/L		10/01/24 12:56	10/02/24 14:04	5
1,2-Dichlorobenzene	ND		48	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
1,2-Diphenylhydrazine	ND		48	0.93	ug/L		10/01/24 12:56	10/02/24 14:04	5
1,3-Dichlorobenzene	ND		48	0.82	ug/L		10/01/24 12:56	10/02/24 14:04	5
1,4-Dichlorobenzene	ND		48	0.98	ug/L		10/01/24 12:56	10/02/24 14:04	5
2,2'-oxybis[1-chloropropane]	ND		24	1.0	ug/L		10/01/24 12:56	10/02/24 14:04	5
2,4,6-Trichlorophenol	ND		24	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
2,4-Dichlorophenol	ND		24	0.92	ug/L		10/01/24 12:56	10/02/24 14:04	5

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Client Sample Results

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

Job ID: 480-223845-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-223845-1

Date Collected: 09/30/24 00:00

Matrix: Water

Date Received: 09/30/24 16:05

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		24	1.7	ug/L		10/01/24 12:56	10/02/24 14:04	5
2,4-Dinitrophenol	ND		48	6.0	ug/L		10/01/24 12:56	10/02/24 14:04	5
2,4-Dinitrotoluene	ND		24	1.9	ug/L		10/01/24 12:56	10/02/24 14:04	5
2,6-Dinitrotoluene	ND		24	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
2-Chloronaphthalene	ND		24	1.1	ug/L		10/01/24 12:56	10/02/24 14:04	5
2-Chlorophenol	ND		24	0.79	ug/L		10/01/24 12:56	10/02/24 14:04	5
2-Nitrophenol	ND		24	0.83	ug/L		10/01/24 12:56	10/02/24 14:04	5
3,3'-Dichlorobenzidine	ND		24	1.9	ug/L		10/01/24 12:56	10/02/24 14:04	5
4,6-Dinitro-2-methylphenol	ND		48	2.1	ug/L		10/01/24 12:56	10/02/24 14:04	5
4-Bromophenyl phenyl ether	ND		24	1.7	ug/L		10/01/24 12:56	10/02/24 14:04	5
4-Chloro-3-methylphenol	ND		24	1.3	ug/L		10/01/24 12:56	10/02/24 14:04	5
4-Chlorophenyl phenyl ether	ND		24	1.5	ug/L		10/01/24 12:56	10/02/24 14:04	5
4-Nitrophenol	ND		48	2.3	ug/L		10/01/24 12:56	10/02/24 14:04	5
Acenaphthene	ND		24	0.96	ug/L		10/01/24 12:56	10/02/24 14:04	5
Acenaphthylene	ND		24	1.0	ug/L		10/01/24 12:56	10/02/24 14:04	5
Aniline	3.2	J	48	1.8	ug/L		10/01/24 12:56	10/02/24 14:04	5
Anthracene	ND		24	1.7	ug/L		10/01/24 12:56	10/02/24 14:04	5
Benzidine	ND		380	64	ug/L		10/01/24 12:56	10/02/24 14:04	5
Benzo[a]anthracene	ND		24	1.3	ug/L		10/01/24 12:56	10/02/24 14:04	5
Benzo[a]pyrene	ND		24	1.5	ug/L		10/01/24 12:56	10/02/24 14:04	5
Benzo[b]fluoranthene	ND		24	1.4	ug/L		10/01/24 12:56	10/02/24 14:04	5
Benzo[g,h,i]perylene	ND		24	1.8	ug/L		10/01/24 12:56	10/02/24 14:04	5
Benzo[k]fluoranthene	ND		24	1.5	ug/L		10/01/24 12:56	10/02/24 14:04	5
Bis(2-chloroethoxy)methane	ND		24	0.89	ug/L		10/01/24 12:56	10/02/24 14:04	5
Bis(2-chloroethyl)ether	ND		24	1.1	ug/L		10/01/24 12:56	10/02/24 14:04	5
Bis(2-ethylhexyl) phthalate	ND		48	1.4	ug/L		10/01/24 12:56	10/02/24 14:04	5
Butyl benzyl phthalate	ND		24	1.3	ug/L		10/01/24 12:56	10/02/24 14:04	5
Chrysene	ND		24	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
Decane	ND		48	1.9	ug/L		10/01/24 12:56	10/02/24 14:04	5
Di-n-butyl phthalate	ND		24	1.9	ug/L		10/01/24 12:56	10/02/24 14:04	5
Di-n-octyl phthalate	ND		24	1.4	ug/L		10/01/24 12:56	10/02/24 14:04	5
Dibenz(a,h)anthracene	ND		24	1.8	ug/L		10/01/24 12:56	10/02/24 14:04	5
Diethyl phthalate	ND		24	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
Dimethyl phthalate	ND		24	1.1	ug/L		10/01/24 12:56	10/02/24 14:04	5
Fluoranthene	ND		24	1.9	ug/L		10/01/24 12:56	10/02/24 14:04	5
Fluorene	ND		24	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
Hexachlorobenzene	ND		24	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
Hexachlorobutadiene	ND		24	1.2	ug/L		10/01/24 12:56	10/02/24 14:04	5
Hexachlorocyclopentadiene	ND		24	2.5	ug/L		10/01/24 12:56	10/02/24 14:04	5
Hexachloroethane	ND		24	0.71	ug/L		10/01/24 12:56	10/02/24 14:04	5
Indeno[1,2,3-cd]pyrene	ND		24	1.8	ug/L		10/01/24 12:56	10/02/24 14:04	5
Isophorone	ND		24	0.88	ug/L		10/01/24 12:56	10/02/24 14:04	5
N-Nitrosodi-n-propylamine	ND		24	1.1	ug/L		10/01/24 12:56	10/02/24 14:04	5
N-Nitrosodimethylamine	ND		48	0.68	ug/L		10/01/24 12:56	10/02/24 14:04	5
N-Nitrosodiphenylamine	ND		24	0.98	ug/L		10/01/24 12:56	10/02/24 14:04	5
Naphthalene	ND		24	1.0	ug/L		10/01/24 12:56	10/02/24 14:04	5
Nitrobenzene	ND		24	0.96	ug/L		10/01/24 12:56	10/02/24 14:04	5
Pentachlorophenol	ND		48	3.8	ug/L		10/01/24 12:56	10/02/24 14:04	5
Phenanthrene	ND		24	1.4	ug/L		10/01/24 12:56	10/02/24 14:04	5

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Client Sample Results

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

Job ID: 480-223845-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-223845-1

Date Collected: 09/30/24 00:00

Matrix: Water

Date Received: 09/30/24 16:05

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		10/01/24 12:56	10/02/24 14:04	5
Pyrene	ND		24	1.7	ug/L		10/01/24 12:56	10/02/24 14:04	5
n-Octadecane	ND		48	1.4	ug/L		10/01/24 12:56	10/02/24 14:04	5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		52 - 151				10/01/24 12:56	10/02/24 14:04	5
2-Fluorobiphenyl	75		44 - 120				10/01/24 12:56	10/02/24 14:04	5
2-Fluorophenol	41		17 - 120				10/01/24 12:56	10/02/24 14:04	5
Nitrobenzene-d5	63		15 - 314				10/01/24 12:56	10/02/24 14:04	5
p-Terphenyl-d14	71		22 - 125				10/01/24 12:56	10/02/24 14:04	5
Phenol-d5	30		8 - 424				10/01/24 12:56	10/02/24 14:04	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		10/02/24 12:56	10/03/24 15:45	1
PCB-1221	ND		0.057	0.036	ug/L		10/02/24 12:56	10/03/24 15:45	1
PCB-1232	ND		0.057	0.036	ug/L		10/02/24 12:56	10/03/24 15:45	1
PCB-1242	ND		0.057	0.036	ug/L		10/02/24 12:56	10/03/24 15:45	1
PCB-1248	ND		0.057	0.036	ug/L		10/02/24 12:56	10/03/24 15:45	1
PCB-1254	ND		0.057	0.030	ug/L		10/02/24 12:56	10/03/24 15:45	1
PCB-1260	ND		0.057	0.030	ug/L		10/02/24 12:56	10/03/24 15:45	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		10 - 120				10/02/24 12:56	10/03/24 15:45	1
Tetrachloro-m-xylene	74		10 - 126				10/02/24 12:56	10/03/24 15:45	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0029	J	0.0040	0.0024	mg/L		10/02/24 08:14	10/02/24 16:06	1
Copper	0.0086	J	0.010	0.0045	mg/L		10/02/24 08:14	10/02/24 16:06	1
Lead	0.014		0.010	0.0039	mg/L		10/02/24 08:14	10/02/24 16:06	1
Nickel	0.0036	J	0.010	0.0034	mg/L		10/02/24 08:14	10/02/24 16:06	1
Zinc	0.033		0.010	0.0068	mg/L		10/02/24 08:14	10/02/24 16:06	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		10/02/24 10:05	10/02/24 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	ND	^1+ F1	0.010	0.0035	mg/L			10/03/24 09:57	1
Cyanide, Amenable (SM 4500 CN G)	0.011		0.010	0.0050	mg/L			10/05/24 17:30	1
Total Phosphate as P (SM 4500 P E)	0.59		0.010	0.0050	mg/L as P			10/01/24 19:46	1

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Client Sample Results

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

Job ID: 480-223845-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223845-2

Date Collected: 09/30/24 00:00

Matrix: Water

Date Received: 09/30/24 16:05

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			10/01/24 21:03	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/01/24 21:03	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/01/24 21:03	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/01/24 21:03	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/01/24 21:03	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/01/24 21:03	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/01/24 21:03	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/01/24 21:03	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/01/24 21:03	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/01/24 21:03	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/01/24 21:03	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/01/24 21:03	1
Acrolein	ND		100	17	ug/L			10/01/24 21:03	1
Acrylonitrile	ND		100	1.9	ug/L			10/01/24 21:03	1
Benzene	ND		5.0	0.60	ug/L			10/01/24 21:03	1
Bromoform	ND		5.0	0.47	ug/L			10/01/24 21:03	1
Bromomethane	ND		5.0	1.2	ug/L			10/01/24 21:03	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/01/24 21:03	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/01/24 21:03	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/01/24 21:03	1
Chloroethane	ND		5.0	0.87	ug/L			10/01/24 21:03	1
Chloroform	ND		5.0	0.54	ug/L			10/01/24 21:03	1
Chloromethane	ND		5.0	0.64	ug/L			10/01/24 21:03	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/01/24 21:03	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/01/24 21:03	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/01/24 21:03	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/01/24 21:03	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/01/24 21:03	1
Toluene	ND		5.0	0.45	ug/L			10/01/24 21:03	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/01/24 21:03	1
Trichloroethene	ND		5.0	0.60	ug/L			10/01/24 21:03	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/01/24 21:03	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/01/24 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 130		10/01/24 21:03	1
4-Bromofluorobenzene (Surr)	99		76 - 123		10/01/24 21:03	1
Toluene-d8 (Surr)	99		77 - 120		10/01/24 21:03	1
Dibromofluoromethane (Surr)	99		75 - 123		10/01/24 21:03	1

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Surrogate Summary

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

Job ID: 480-223845-1

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)	TOL (77-120)	DBFM (75-123)
480-223845-1	BCC Area D Influent	99	98	99	95
480-223845-2	TRIP BLANK	102	99	99	99
LCS 480-726771/6	Lab Control Sample	99	99	99	101
MB 480-726771/8	Method Blank	101	100	100	100

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

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	TPHd14 (22-125)	PHL (8-424)
480-223845-1	BCC Area D Influent	102	75	41	63	71	30
LCS 480-726739/2-A	Lab Control Sample	117	92	57	92	101	42
LCSD 480-726739/3-A	Lab Control Sample Dup	117	93	58	94	99	43
MB 480-726739/1-A	Method Blank	96	90	56	87	102	39

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

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP2 (10-120)	TCX2 (10-126)
480-223845-1	BCC Area D Influent	79	74
LCS 480-726863/2-A	Lab Control Sample	60	89
LCSD 480-726863/3-A	Lab Control Sample Dup	57	87
MB 480-726863/1-A	Method Blank	57	80

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: 480-223845-1

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

Lab Sample ID: MB 480-726771/8

Matrix: Water

Analysis Batch: 726771

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			10/01/24 19:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/01/24 19:50	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/01/24 19:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/01/24 19:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/01/24 19:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/01/24 19:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/01/24 19:50	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/01/24 19:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/01/24 19:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/01/24 19:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/01/24 19:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/01/24 19:50	1
Acrolein	ND		100	17	ug/L			10/01/24 19:50	1
Acrylonitrile	ND		100	1.9	ug/L			10/01/24 19:50	1
Benzene	ND		5.0	0.60	ug/L			10/01/24 19:50	1
Bromoform	ND		5.0	0.47	ug/L			10/01/24 19:50	1
Bromomethane	ND		5.0	1.2	ug/L			10/01/24 19:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/01/24 19:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/01/24 19:50	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/01/24 19:50	1
Chloroethane	ND		5.0	0.87	ug/L			10/01/24 19:50	1
Chloroform	ND		5.0	0.54	ug/L			10/01/24 19:50	1
Chloromethane	ND		5.0	0.64	ug/L			10/01/24 19:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/01/24 19:50	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/01/24 19:50	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/01/24 19:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/01/24 19:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/01/24 19:50	1
Toluene	ND		5.0	0.45	ug/L			10/01/24 19:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/01/24 19:50	1
Trichloroethene	ND		5.0	0.60	ug/L			10/01/24 19:50	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/01/24 19:50	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/01/24 19:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		10/01/24 19:50	1
4-Bromofluorobenzene (Surr)	100		76 - 123		10/01/24 19:50	1
Toluene-d8 (Surr)	100		77 - 120		10/01/24 19:50	1
Dibromofluoromethane (Surr)	100		75 - 123		10/01/24 19:50	1

Lab Sample ID: LCS 480-726771/6

Matrix: Water

Analysis Batch: 726771

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	20.3		ug/L		101	46 - 157
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	52 - 150

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QC Sample Results

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

Job ID: 480-223845-1

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

Lab Sample ID: LCS 480-726771/6

Matrix: Water

Analysis Batch: 726771

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	20.2		ug/L		101	59 - 155
1,1-Dichloroethene	20.0	20.2		ug/L		101	1 - 234
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	18 - 190
1,2-Dichloroethane	20.0	19.6		ug/L		98	49 - 155
1,2-Dichloropropane	20.0	20.0		ug/L		100	1 - 210
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	59 - 156
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	18 - 190
2-Chloroethyl vinyl ether	20.0	20.3	J	ug/L		102	1 - 305
Benzene	20.0	20.1		ug/L		101	37 - 151
Bromoform	20.0	23.5		ug/L		118	45 - 169
Bromomethane	20.0	20.5		ug/L		103	1 - 242
Carbon tetrachloride	20.0	21.3		ug/L		107	70 - 140
Chlorobenzene	20.0	20.0		ug/L		100	37 - 160
Dibromochloromethane	20.0	21.9		ug/L		110	53 - 149
Chloroethane	20.0	21.0		ug/L		105	14 - 230
Chloroform	20.0	20.1		ug/L		100	51 - 138
Chloromethane	20.0	21.7		ug/L		108	1 - 273
cis-1,3-Dichloropropene	20.0	21.0		ug/L		105	1 - 227
Bromodichloromethane	20.0	20.9		ug/L		104	35 - 155
Ethylbenzene	20.0	20.1		ug/L		100	37 - 162
Methylene Chloride	20.0	20.1		ug/L		100	1 - 221
Tetrachloroethene	20.0	20.3		ug/L		102	64 - 148
Toluene	20.0	19.9		ug/L		100	47 - 150
trans-1,3-Dichloropropene	20.0	21.1		ug/L		106	17 - 183
Trichloroethene	20.0	20.1		ug/L		101	71 - 157
Trichlorofluoromethane	20.0	23.6		ug/L		118	17 - 181
Vinyl chloride	20.0	22.8		ug/L		114	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Toluene-d8 (Surr)	99		77 - 120
Dibromofluoromethane (Surr)	101		75 - 123

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

Lab Sample ID: MB 480-726739/1-A

Matrix: Water

Analysis Batch: 726818

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.21	ug/L		10/01/24 12:56	10/02/24 11:59	1
1,2-Dichlorobenzene	ND		10	0.26	ug/L		10/01/24 12:56	10/02/24 11:59	1
1,2-Diphenylhydrazine	ND		10	0.20	ug/L		10/01/24 12:56	10/02/24 11:59	1
1,3-Dichlorobenzene	ND		10	0.17	ug/L		10/01/24 12:56	10/02/24 11:59	1
1,4-Dichlorobenzene	ND		10	0.21	ug/L		10/01/24 12:56	10/02/24 11:59	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.21	ug/L		10/01/24 12:56	10/02/24 11:59	1
2,4,6-Trichlorophenol	ND		5.0	0.25	ug/L		10/01/24 12:56	10/02/24 11:59	1
2,4-Dichlorophenol	ND		5.0	0.19	ug/L		10/01/24 12:56	10/02/24 11:59	1

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QC Sample Results

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

Job ID: 480-223845-1

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

Lab Sample ID: MB 480-726739/1-A

Matrix: Water

Analysis Batch: 726818

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.35	ug/L		10/01/24 12:56	10/02/24 11:59	1
2,4-Dinitrophenol	ND		10	1.3	ug/L		10/01/24 12:56	10/02/24 11:59	1
2,4-Dinitrotoluene	ND		5.0	0.40	ug/L		10/01/24 12:56	10/02/24 11:59	1
2,6-Dinitrotoluene	ND		5.0	0.25	ug/L		10/01/24 12:56	10/02/24 11:59	1
2-Chloronaphthalene	ND		5.0	0.23	ug/L		10/01/24 12:56	10/02/24 11:59	1
2-Chlorophenol	ND		5.0	0.17	ug/L		10/01/24 12:56	10/02/24 11:59	1
2-Nitrophenol	ND		5.0	0.18	ug/L		10/01/24 12:56	10/02/24 11:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/01/24 12:56	10/02/24 11:59	1
4,6-Dinitro-2-methylphenol	ND		10	0.45	ug/L		10/01/24 12:56	10/02/24 11:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.35	ug/L		10/01/24 12:56	10/02/24 11:59	1
4-Chloro-3-methylphenol	ND		5.0	0.28	ug/L		10/01/24 12:56	10/02/24 11:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.33	ug/L		10/01/24 12:56	10/02/24 11:59	1
4-Nitrophenol	ND		10	0.49	ug/L		10/01/24 12:56	10/02/24 11:59	1
Acenaphthene	ND		5.0	0.20	ug/L		10/01/24 12:56	10/02/24 11:59	1
Acenaphthylene	ND		5.0	0.22	ug/L		10/01/24 12:56	10/02/24 11:59	1
Aniline	ND		10	0.38	ug/L		10/01/24 12:56	10/02/24 11:59	1
Anthracene	ND		5.0	0.35	ug/L		10/01/24 12:56	10/02/24 11:59	1
Benzidine	ND		80	14	ug/L		10/01/24 12:56	10/02/24 11:59	1
Benzo[a]anthracene	ND		5.0	0.28	ug/L		10/01/24 12:56	10/02/24 11:59	1
Benzo[a]pyrene	ND		5.0	0.33	ug/L		10/01/24 12:56	10/02/24 11:59	1
Benzo[b]fluoranthene	ND		5.0	0.30	ug/L		10/01/24 12:56	10/02/24 11:59	1
Benzo[g,h,i]perylene	ND		5.0	0.38	ug/L		10/01/24 12:56	10/02/24 11:59	1
Benzo[k]fluoranthene	ND		5.0	0.33	ug/L		10/01/24 12:56	10/02/24 11:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.19	ug/L		10/01/24 12:56	10/02/24 11:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.23	ug/L		10/01/24 12:56	10/02/24 11:59	1
Bis(2-ethylhexyl) phthalate	ND		10	0.30	ug/L		10/01/24 12:56	10/02/24 11:59	1
Butyl benzyl phthalate	ND		5.0	0.28	ug/L		10/01/24 12:56	10/02/24 11:59	1
Chrysene	ND		5.0	0.25	ug/L		10/01/24 12:56	10/02/24 11:59	1
Decane	ND		10	0.40	ug/L		10/01/24 12:56	10/02/24 11:59	1
Di-n-butyl phthalate	ND		5.0	0.40	ug/L		10/01/24 12:56	10/02/24 11:59	1
Di-n-octyl phthalate	ND		5.0	0.30	ug/L		10/01/24 12:56	10/02/24 11:59	1
Dibenz(a,h)anthracene	ND		5.0	0.38	ug/L		10/01/24 12:56	10/02/24 11:59	1
Diethyl phthalate	ND		5.0	0.25	ug/L		10/01/24 12:56	10/02/24 11:59	1
Dimethyl phthalate	ND		5.0	0.23	ug/L		10/01/24 12:56	10/02/24 11:59	1
Fluoranthene	ND		5.0	0.40	ug/L		10/01/24 12:56	10/02/24 11:59	1
Fluorene	ND		5.0	0.25	ug/L		10/01/24 12:56	10/02/24 11:59	1
Hexachlorobenzene	ND		5.0	0.25	ug/L		10/01/24 12:56	10/02/24 11:59	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L		10/01/24 12:56	10/02/24 11:59	1
Hexachlorocyclopentadiene	ND		5.0	0.53	ug/L		10/01/24 12:56	10/02/24 11:59	1
Hexachloroethane	ND		5.0	0.15	ug/L		10/01/24 12:56	10/02/24 11:59	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.38	ug/L		10/01/24 12:56	10/02/24 11:59	1
Isophorone	ND		5.0	0.19	ug/L		10/01/24 12:56	10/02/24 11:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.22	ug/L		10/01/24 12:56	10/02/24 11:59	1
N-Nitrosodimethylamine	ND		10	0.14	ug/L		10/01/24 12:56	10/02/24 11:59	1
N-Nitrosodiphenylamine	ND		5.0	0.21	ug/L		10/01/24 12:56	10/02/24 11:59	1
Naphthalene	ND		5.0	0.22	ug/L		10/01/24 12:56	10/02/24 11:59	1
Nitrobenzene	ND		5.0	0.20	ug/L		10/01/24 12:56	10/02/24 11:59	1
Pentachlorophenol	ND		10	0.79	ug/L		10/01/24 12:56	10/02/24 11:59	1
Phenanthrene	ND		5.0	0.30	ug/L		10/01/24 12:56	10/02/24 11:59	1

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QC Sample Results

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

Job ID: 480-223845-1

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

Lab Sample ID: MB 480-726739/1-A

Matrix: Water

Analysis Batch: 726818

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.088	ug/L		10/01/24 12:56	10/02/24 11:59	1
Pyrene	ND		5.0	0.35	ug/L		10/01/24 12:56	10/02/24 11:59	1
n-Octadecane	ND		10	0.30	ug/L		10/01/24 12:56	10/02/24 11:59	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 151				10/01/24 12:56	10/02/24 11:59	1
2-Fluorobiphenyl	90		44 - 120				10/01/24 12:56	10/02/24 11:59	1
2-Fluorophenol	56		17 - 120				10/01/24 12:56	10/02/24 11:59	1
Nitrobenzene-d5	87		15 - 314				10/01/24 12:56	10/02/24 11:59	1
p-Terphenyl-d14	102		22 - 125				10/01/24 12:56	10/02/24 11:59	1
Phenol-d5	39		8 - 424				10/01/24 12:56	10/02/24 11:59	1

Lab Sample ID: LCS 480-726739/2-A

Matrix: Water

Analysis Batch: 726818

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726739

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	40.0	32.0		ug/L		80	44 - 142
1,2-Dichlorobenzene	40.0	30.1		ug/L		75	32 - 129
1,3-Dichlorobenzene	40.0	27.6		ug/L		69	1 - 172
1,4-Dichlorobenzene	40.0	28.2		ug/L		70	20 - 124
2,2'-oxybis[1-chloropropane]	40.0	32.6		ug/L		81	36 - 166
2,4,6-Trichlorophenol	40.0	40.3		ug/L		101	37 - 144
2,4-Dichlorophenol	40.0	40.2		ug/L		101	39 - 135
2,4-Dimethylphenol	40.0	40.2		ug/L		100	32 - 120
2,4-Dinitrophenol	80.0	106		ug/L		133	1 - 191
2,4-Dinitrotoluene	40.0	49.6		ug/L		124	39 - 139
2,6-Dinitrotoluene	40.0	42.9		ug/L		107	50 - 158
2-Chloronaphthalene	40.0	35.3		ug/L		88	60 - 120
2-Chlorophenol	40.0	35.8		ug/L		89	23 - 134
2-Nitrophenol	40.0	43.7		ug/L		109	29 - 182
3,3'-Dichlorobenzidine	40.0	46.2		ug/L		116	1 - 262
4,6-Dinitro-2-methylphenol	80.0	108		ug/L		135	1 - 181
4-Bromophenyl phenyl ether	40.0	41.0		ug/L		102	53 - 127
4-Chloro-3-methylphenol	40.0	41.2		ug/L		103	22 - 147
4-Chlorophenyl phenyl ether	40.0	37.8		ug/L		95	25 - 158
4-Nitrophenol	80.0	44.6		ug/L		56	1 - 132
Acenaphthene	40.0	36.4		ug/L		91	47 - 145
Acenaphthylene	40.0	39.1		ug/L		98	33 - 145
Aniline	40.0	32.6		ug/L		81	40 - 120
Anthracene	40.0	41.8		ug/L		104	27 - 133
Benzo[a]anthracene	40.0	42.4		ug/L		106	33 - 143
Benzo[a]pyrene	40.0	41.1		ug/L		103	17 - 163
Benzo[b]fluoranthene	40.0	42.5		ug/L		106	24 - 159
Benzo[g,h,i]perylene	40.0	43.7		ug/L		109	1 - 219
Benzo[k]fluoranthene	40.0	40.7		ug/L		102	11 - 162
Bis(2-chloroethoxy)methane	40.0	39.4		ug/L		99	33 - 184
Bis(2-chloroethyl)ether	40.0	35.9		ug/L		90	12 - 158

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QC Sample Results

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

Job ID: 480-223845-1

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

Lab Sample ID: LCS 480-726739/2-A

Matrix: Water

Analysis Batch: 726818

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726739

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	40.0	43.1		ug/L		108	8 - 158
Butyl benzyl phthalate	40.0	42.8		ug/L		107	1 - 152
Chrysene	40.0	42.0		ug/L		105	17 - 168
Di-n-butyl phthalate	40.0	42.3		ug/L		106	1 - 120
Di-n-octyl phthalate	40.0	45.7		ug/L		114	4 - 146
Dibenz(a,h)anthracene	40.0	41.5		ug/L		104	1 - 227
Diethyl phthalate	40.0	41.4		ug/L		103	1 - 120
Dimethyl phthalate	40.0	40.7		ug/L		102	1 - 120
Fluoranthene	40.0	42.3		ug/L		106	26 - 137
Fluorene	40.0	38.9		ug/L		97	59 - 121
Hexachlorobenzene	40.0	41.5		ug/L		104	1 - 152
Hexachlorocyclopentadiene	40.0	25.4		ug/L		63	5 - 120
Hexachloroethane	40.0	25.3		ug/L		63	40 - 120
Indeno[1,2,3-cd]pyrene	40.0	42.2		ug/L		105	1 - 171
Isophorone	40.0	40.7		ug/L		102	21 - 196
N-Nitrosodi-n-propylamine	40.0	37.6		ug/L		94	1 - 230
N-Nitrosodiphenylamine	40.0	41.2		ug/L		103	54 - 125
Naphthalene	40.0	35.9		ug/L		90	21 - 133
Nitrobenzene	40.0	36.1		ug/L		90	35 - 180
Pentachlorophenol	80.0	86.7		ug/L		108	14 - 176
Phenanthrene	40.0	40.6		ug/L		102	54 - 120
Phenol	40.0	18.9		ug/L		47	5 - 120
Pyrene	40.0	40.9		ug/L		102	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	117		52 - 151
2-Fluorobiphenyl	92		44 - 120
2-Fluorophenol	57		17 - 120
Nitrobenzene-d5	92		15 - 314
p-Terphenyl-d14	101		22 - 125
Phenol-d5	42		8 - 424

Lab Sample ID: LCSD 480-726739/3-A

Matrix: Water

Analysis Batch: 726818

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726739

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	40.0	31.4		ug/L		78	44 - 142	2	34
1,2-Dichlorobenzene	40.0	31.1		ug/L		78	32 - 129	3	38
1,3-Dichlorobenzene	40.0	28.8		ug/L		72	1 - 172	4	37
1,4-Dichlorobenzene	40.0	29.1		ug/L		73	20 - 124	3	40
2,2'-oxybis[1-chloropropane]	40.0	33.9		ug/L		85	36 - 166	4	36
2,4,6-Trichlorophenol	40.0	42.0		ug/L		105	37 - 144	4	20
2,4-Dichlorophenol	40.0	40.5		ug/L		101	39 - 135	1	23
2,4-Dimethylphenol	40.0	40.1		ug/L		100	32 - 120	0	18
2,4-Dinitrophenol	80.0	110		ug/L		137	1 - 191	3	29
2,4-Dinitrotoluene	40.0	50.2		ug/L		125	39 - 139	1	20
2,6-Dinitrotoluene	40.0	43.4		ug/L		109	50 - 158	1	17

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QC Sample Results

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

Job ID: 480-223845-1

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

Lab Sample ID: LCSD 480-726739/3-A

Matrix: Water

Analysis Batch: 726818

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726739

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chloronaphthalene	40.0	35.7		ug/L		89	60 - 120	1	30
2-Chlorophenol	40.0	36.9		ug/L		92	23 - 134	3	26
2-Nitrophenol	40.0	44.5		ug/L		111	29 - 182	2	28
3,3'-Dichlorobenzidine	40.0	47.6		ug/L		119	1 - 262	3	31
4,6-Dinitro-2-methylphenol	80.0	106		ug/L		133	1 - 181	2	30
4-Bromophenyl phenyl ether	40.0	41.2		ug/L		103	53 - 127	0	16
4-Chloro-3-methylphenol	40.0	41.4		ug/L		103	22 - 147	1	16
4-Chlorophenyl phenyl ether	40.0	39.5		ug/L		99	25 - 158	4	15
4-Nitrophenol	80.0	45.3		ug/L		57	1 - 132	2	24
Acenaphthene	40.0	37.1		ug/L		93	47 - 145	2	25
Acenaphthylene	40.0	39.2		ug/L		98	33 - 145	0	22
Aniline	40.0	33.6		ug/L		84	40 - 120	3	30
Anthracene	40.0	40.9		ug/L		102	27 - 133	2	15
Benzo[a]anthracene	40.0	42.0		ug/L		105	33 - 143	1	15
Benzo[a]pyrene	40.0	41.5		ug/L		104	17 - 163	1	15
Benzo[b]fluoranthene	40.0	40.3		ug/L		101	24 - 159	5	17
Benzo[g,h,i]perylene	40.0	42.2		ug/L		105	1 - 219	4	19
Benzo[k]fluoranthene	40.0	40.6		ug/L		101	11 - 162	0	19
Bis(2-chloroethoxy)methane	40.0	39.6		ug/L		99	33 - 184	0	23
Bis(2-chloroethyl)ether	40.0	37.6		ug/L		94	12 - 158	5	33
Bis(2-ethylhexyl) phthalate	40.0	44.4		ug/L		111	8 - 158	3	15
Butyl benzyl phthalate	40.0	42.4		ug/L		106	1 - 152	1	15
Chrysene	40.0	41.8		ug/L		104	17 - 168	1	15
Di-n-butyl phthalate	40.0	42.0		ug/L		105	1 - 120	1	15
Di-n-octyl phthalate	40.0	45.8		ug/L		115	4 - 146	0	15
Dibenz(a,h)anthracene	40.0	41.5		ug/L		104	1 - 227	0	18
Diethyl phthalate	40.0	42.5		ug/L		106	1 - 120	3	15
Dimethyl phthalate	40.0	41.6		ug/L		104	1 - 120	2	15
Fluoranthene	40.0	41.4		ug/L		103	26 - 137	2	15
Fluorene	40.0	39.5		ug/L		99	59 - 121	1	18
Hexachlorobenzene	40.0	40.3		ug/L		101	1 - 152	3	15
Hexachlorocyclopentadiene	40.0	25.2		ug/L		63	5 - 120	1	50
Hexachloroethane	40.0	26.3		ug/L		66	40 - 120	4	43
Indeno[1,2,3-cd]pyrene	40.0	41.6		ug/L		104	1 - 171	1	17
Isophorone	40.0	41.5		ug/L		104	21 - 196	2	21
N-Nitrosodi-n-propylamine	40.0	38.4		ug/L		96	1 - 230	2	23
N-Nitrosodiphenylamine	40.0	40.6		ug/L		102	54 - 125	1	15
Naphthalene	40.0	36.0		ug/L		90	21 - 133	0	31
Nitrobenzene	40.0	37.1		ug/L		93	35 - 180	3	27
Pentachlorophenol	80.0	88.7		ug/L		111	14 - 176	2	21
Phenanthrene	40.0	39.5		ug/L		99	54 - 120	3	16
Phenol	40.0	19.2		ug/L		48	5 - 120	2	36
Pyrene	40.0	40.4		ug/L		101	52 - 120	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol	117		52 - 151
2-Fluorobiphenyl	93		44 - 120
2-Fluorophenol	58		17 - 120

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-223845-1

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

Lab Sample ID: LCSD 480-726739/3-A
Matrix: Water
Analysis Batch: 726818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 726739

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Nitrobenzene-d5	94		15 - 314
p-Terphenyl-d14	99		22 - 125
Phenol-d5	43		8 - 424

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

Lab Sample ID: MB 480-726863/1-A
Matrix: Water
Analysis Batch: 726989

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726863

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
PCB-1016	ND		0.060	0.038	ug/L		10/02/24 12:56	10/03/24 14:50	1
PCB-1221	ND		0.060	0.038	ug/L		10/02/24 12:56	10/03/24 14:50	1
PCB-1232	ND		0.060	0.038	ug/L		10/02/24 12:56	10/03/24 14:50	1
PCB-1242	ND		0.060	0.038	ug/L		10/02/24 12:56	10/03/24 14:50	1
PCB-1248	ND		0.060	0.038	ug/L		10/02/24 12:56	10/03/24 14:50	1
PCB-1254	ND		0.060	0.031	ug/L		10/02/24 12:56	10/03/24 14:50	1
PCB-1260	ND		0.060	0.031	ug/L		10/02/24 12:56	10/03/24 14:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
DCB Decachlorobiphenyl	57		10 - 120	10/02/24 12:56	10/03/24 14:50	1
Tetrachloro-m-xylene	80		10 - 126	10/02/24 12:56	10/03/24 14:50	1

Lab Sample ID: LCS 480-726863/2-A
Matrix: Water
Analysis Batch: 726989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726863

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Added	Result	Qualifier						
PCB-1016	1.00	1.18		ug/L		118		69 - 123
PCB-1260	1.00	1.04		ug/L		104		69 - 120

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
DCB Decachlorobiphenyl	60		10 - 120
Tetrachloro-m-xylene	89		10 - 126

Lab Sample ID: LCSD 480-726863/3-A
Matrix: Water
Analysis Batch: 726989

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 726863

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
Added	Result	Qualifier					Limits	RPD	Limit
PCB-1016	1.00	1.03		ug/L		103	69 - 123	14	30
PCB-1260	1.00	1.02		ug/L		102	69 - 120	2	30

Surrogate	LCSD	LCSD	Limits
%Recovery	Qualifier		
DCB Decachlorobiphenyl	57		10 - 120
Tetrachloro-m-xylene	87		10 - 126

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-223845-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-726763/1-A

Matrix: Water

Analysis Batch: 726950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		10/02/24 08:14	10/02/24 16:02	1
Copper	ND		0.010	0.0045	mg/L		10/02/24 08:14	10/02/24 16:02	1
Lead	ND		0.010	0.0039	mg/L		10/02/24 08:14	10/02/24 16:02	1
Nickel	ND		0.010	0.0034	mg/L		10/02/24 08:14	10/02/24 16:02	1
Zinc	ND		0.010	0.0068	mg/L		10/02/24 08:14	10/02/24 16:02	1

Lab Sample ID: LCS 480-726763/2-A

Matrix: Water

Analysis Batch: 726950

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.508		mg/L		102	85 - 115
Copper	0.500	0.488		mg/L		98	85 - 115
Lead	0.500	0.502		mg/L		100	85 - 115
Nickel	0.500	0.511		mg/L		102	85 - 115
Zinc	0.500	0.539		mg/L		108	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-726802/1-A

Matrix: Water

Analysis Batch: 726906

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		10/02/24 10:05	10/02/24 15:01	1

Lab Sample ID: LCS 480-726802/2-A

Matrix: Water

Analysis Batch: 726906

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726802

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 480-727021/16

Matrix: Water

Analysis Batch: 727021

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	^1+	0.010	0.0035	mg/L			10/03/24 09:49	1

Lab Sample ID: MB 480-727021/46

Matrix: Water

Analysis Batch: 727021

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	^1+	0.010	0.0035	mg/L			10/03/24 11:40	1

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-223845-1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: LCS 480-727021/17

Matrix: Water

Analysis Batch: 727021

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	0.0992	^1+	mg/L		99	90 - 110

Lab Sample ID: LCS 480-727021/47

Matrix: Water

Analysis Batch: 727021

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	0.0904	^1+	mg/L		90	90 - 110

Lab Sample ID: 480-223845-1 MS

Matrix: Water

Analysis Batch: 727021

Client Sample ID: BCC Area D Influent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	ND	^1+ F1	0.100	0.113	F1 ^1+	mg/L		113	90 - 110

Lab Sample ID: 480-223845-1 DU

Matrix: Water

Analysis Batch: 727021

Client Sample ID: BCC Area D Influent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Phenolics, Total Recoverable	ND	^1+ F1	ND	^1+	mg/L		NC	20

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-726788/27

Matrix: Water

Analysis Batch: 726788

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			10/01/24 19:46	1

Lab Sample ID: LCS 480-726788/28

Matrix: Water

Analysis Batch: 726788

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

Lab Sample ID: 480-223845-1 MS

Matrix: Water

Analysis Batch: 726788

Client Sample ID: BCC Area D Influent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Phosphate as P	0.59		0.500	1.07		mg/L as P		96	52 - 148

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-223845-1

Method: SM 4500 P E - Phosphorus (Continued)

Lab Sample ID: 480-223845-1 MSD

Matrix: Water

Analysis Batch: 726788

Client Sample ID: BCC Area D Influent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Phosphate as P	0.59		0.500	1.07		mg/L as P		95	52 - 148	0	20

QC Association Summary

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

Job ID: 480-223845-1

GC/MS VOA

Analysis Batch: 726771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	624.1	
480-223845-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-726771/8	Method Blank	Total/NA	Water	624.1	
LCS 480-726771/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 726739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	625	
MB 480-726739/1-A	Method Blank	Total/NA	Water	625	
LCS 480-726739/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-726739/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 726818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	625.1	726739
MB 480-726739/1-A	Method Blank	Total/NA	Water	625.1	726739
LCS 480-726739/2-A	Lab Control Sample	Total/NA	Water	625.1	726739
LCSD 480-726739/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	726739

GC Semi VOA

Prep Batch: 726863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	3510C	
MB 480-726863/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-726863/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-726863/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 726989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	608.3	726863
MB 480-726863/1-A	Method Blank	Total/NA	Water	608.3	726863
LCS 480-726863/2-A	Lab Control Sample	Total/NA	Water	608.3	726863
LCSD 480-726863/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	726863

Metals

Prep Batch: 726763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	200.7	
MB 480-726763/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-726763/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 726802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	245.1	
MB 480-726802/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-726802/2-A	Lab Control Sample	Total/NA	Water	245.1	

Eurofins Buffalo

QC Association Summary

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

Job ID: 480-223845-1

Metals

Analysis Batch: 726906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	245.1	726802
MB 480-726802/1-A	Method Blank	Total/NA	Water	245.1	726802
LCS 480-726802/2-A	Lab Control Sample	Total/NA	Water	245.1	726802

Analysis Batch: 726950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	200.7 Rev 4.4	726763
MB 480-726763/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	726763
LCS 480-726763/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	726763

General Chemistry

Analysis Batch: 726788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	SM 4500 P E	
MB 480-726788/27	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-726788/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	
480-223845-1 MS	BCC Area D Influent	Total/NA	Water	SM 4500 P E	
480-223845-1 MSD	BCC Area D Influent	Total/NA	Water	SM 4500 P E	

Analysis Batch: 727021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	420.4	
MB 480-727021/16	Method Blank	Total/NA	Water	420.4	
MB 480-727021/46	Method Blank	Total/NA	Water	420.4	
LCS 480-727021/17	Lab Control Sample	Total/NA	Water	420.4	
LCS 480-727021/47	Lab Control Sample	Total/NA	Water	420.4	
480-223845-1 MS	BCC Area D Influent	Total/NA	Water	420.4	
480-223845-1 DU	BCC Area D Influent	Total/NA	Water	420.4	

Analysis Batch: 727251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223845-1	BCC Area D Influent	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

Job ID: 480-223845-1

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-223845-1

Date Collected: 09/30/24 00:00

Matrix: Water

Date Received: 09/30/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		40	726771	AXK	EET BUF	10/01/24 22:16
Total/NA	Prep	625			726739	LSC	EET BUF	10/01/24 12:56
Total/NA	Analysis	625.1		5	726818	JMM	EET BUF	10/02/24 14:04
Total/NA	Prep	3510C			726863	LSC	EET BUF	10/02/24 12:56
Total/NA	Analysis	608.3		1	726989	H9RU	EET BUF	10/03/24 15:45
Total/NA	Prep	200.7			726763	ET	EET BUF	10/02/24 08:14
Total/NA	Analysis	200.7 Rev 4.4		1	726950	BMB	EET BUF	10/02/24 16:06
Total/NA	Prep	245.1			726802	ESB	EET BUF	10/02/24 10:05
Total/NA	Analysis	245.1		1	726906	ESB	EET BUF	10/02/24 15:16
Total/NA	Analysis	420.4		1	727021	CLT	EET BUF	10/03/24 09:57
Total/NA	Analysis	SM 4500 CN G		1	727251	DLG	EET BUF	10/05/24 17:30
Total/NA	Analysis	SM 4500 P E		1	726788	GW	EET BUF	10/01/24 19:46

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223845-2

Date Collected: 09/30/24 00:00

Matrix: Water

Date Received: 09/30/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	726771	AXK	EET BUF	10/01/24 21:03

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: 480-223845-1

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
245.1	245.1	Water	Mercury
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: 480-223845-1

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: 480-223845-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223845-1	BCC Area D Influent	Water	09/30/24 00:00	09/30/24 16:05
480-223845-2	TRIP BLANK	Water	09/30/24 00:00	09/30/24 16:05

1
2
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15
16

Quantitation Limit Exceptions Summary

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

Job ID: 480-223845-1

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

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-223845-1

Login Number: 223845

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 10/8/2024 10:44:28 AM

JOB DESCRIPTION

Area A/D Effluent

JOB NUMBER

480-223843-1

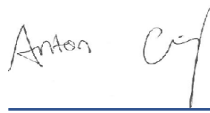
Eurofins Buffalo

Job Notes

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

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

Authorization



Generated
10/8/2024 10:44:28 AM

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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: Area A/D Effluent

Job ID: 480-223843-1

Job ID: 480-223843-1

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Job Narrative 480-223843-1

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

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

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

Receipt

The samples were received on 9/30/2024 4:05 PM. Unless otherwise noted below, the samples arrived in good condition. The temperatures of the 2 coolers at receipt time were 10.8°C and 12.4°C.

GC/MS Semi VOA

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

PFAS

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: Area A/D Effluent

Job ID: 480-223843-1

Client Sample ID: Area A/D Effluent

Lab Sample ID: 480-223843-1

☐ No Detections.

Client Sample ID: Area A/D Effluent D

Lab Sample ID: 480-223843-2

☐ No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

Client Sample ID: Area A/D Effluent

Lab Sample ID: 480-223843-1

Date Collected: 09/30/24 14:45

Matrix: Water

Date Received: 09/30/24 16:05

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		10/01/24 13:04	10/02/24 15:06	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				10/01/24 13:04	10/02/24 15:06	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	1.3	ng/L		10/04/24 09:13	10/04/24 21:01	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.8	1.7	ng/L		10/04/24 09:13	10/04/24 21:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.8	1.5	ng/L		10/04/24 09:13	10/04/24 21:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.8	1.6	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.49	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorobutanoic acid (PFBA)	ND		4.8	1.2	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.33	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.36	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.41	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.9	0.17	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.36	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.38	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorohexanoic acid (PFHxA)	ND		1.9	0.70	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.21	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.9	0.39	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.48	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorooctanoic acid (PFOA)	ND		1.9	0.39	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluoropentanoic acid (PFPeA)	ND		1.9	0.47	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.29	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	0.32	ng/L		10/04/24 09:13	10/04/24 21:01	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.26	ng/L		10/04/24 09:13	10/04/24 21:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	99		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C2 PFDoA	86		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C2 PFHxA	101		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C2 PFTeDA	82		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C2 PFUnA	92		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C3 PFBS	96		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C4 PFBA	103		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C4 PFHpA	97		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C4 PFOA	99		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C4 PFOS	96		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C5 PFNA	98		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C5 PFPeA	102		50 - 150				10/04/24 09:13	10/04/24 21:01	1
13C8 FOSA	93		50 - 150				10/04/24 09:13	10/04/24 21:01	1
18O2 PFHxS	98		50 - 150				10/04/24 09:13	10/04/24 21:01	1
d3-NMeFOSAA	108		50 - 150				10/04/24 09:13	10/04/24 21:01	1
d5-NEtFOSAA	110		50 - 150				10/04/24 09:13	10/04/24 21:01	1
M2-6:2 FTS	100		50 - 150				10/04/24 09:13	10/04/24 21:01	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

Client Sample ID: Area A/D Effluent
Date Collected: 09/30/24 14:45
Date Received: 09/30/24 16:05

Lab Sample ID: 480-223843-1
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)						
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	99		50 - 150	10/04/24 09:13	10/04/24 21:01	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

Client Sample ID: Area A/D Effluent D

Lab Sample ID: 480-223843-2

Date Collected: 09/30/24 15:00

Matrix: Water

Date Received: 09/30/24 16:05

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		10/01/24 13:04	10/02/24 15:27	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				10/01/24 13:04	10/02/24 15:27	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	1.2	ng/L		10/04/24 09:13	10/04/24 21:25	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.8	1.7	ng/L		10/04/24 09:13	10/04/24 21:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.8	1.5	ng/L		10/04/24 09:13	10/04/24 21:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.8	1.6	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.49	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorobutanoic acid (PFBA)	ND		4.8	1.1	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.33	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.35	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.41	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.9	0.17	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.35	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.37	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorohexanoic acid (PFHxA)	ND		1.9	0.70	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.21	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.9	0.39	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.48	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorooctanoic acid (PFOA)	ND		1.9	0.39	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluoropentanoic acid (PFPeA)	ND		1.9	0.47	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.29	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	0.32	ng/L		10/04/24 09:13	10/04/24 21:25	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.26	ng/L		10/04/24 09:13	10/04/24 21:25	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	97		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C2 PFDoA	88		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C2 PFHxA	99		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C2 PFTeDA	83		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C2 PFUnA	94		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C3 PFBS	97		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C4 PFBA	101		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C4 PFHpA	95		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C4 PFOA	98		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C4 PFOS	97		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C5 PFNA	98		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C5 PFPeA	100		50 - 150				10/04/24 09:13	10/04/24 21:25	1
13C8 FOSA	95		50 - 150				10/04/24 09:13	10/04/24 21:25	1
18O2 PFHxS	99		50 - 150				10/04/24 09:13	10/04/24 21:25	1
d3-NMeFOSAA	107		50 - 150				10/04/24 09:13	10/04/24 21:25	1
d5-NEtFOSAA	112		50 - 150				10/04/24 09:13	10/04/24 21:25	1
M2-6:2 FTS	101		50 - 150				10/04/24 09:13	10/04/24 21:25	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

Client Sample ID: Area A/D Effluent D
Date Collected: 09/30/24 15:00
Date Received: 09/30/24 16:05

Lab Sample ID: 480-223843-2
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)							
Isotope Dilution	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
M2-8:2 FTS	102		50 - 150		10/04/24 09:13	10/04/24 21:25	1

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Isotope Dilution Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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)
480-223843-1	Area A/D Effluent	30
480-223843-1 MS	Area A/D Effluent MS	30
480-223843-1 MSD	Area A/D Effluent MSD	29
480-223843-2	Area A/D Effluent D	29
LCS 480-726740/2-A	Lab Control Sample	29
MB 480-726740/1-A	Method Blank	29

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)	PFDaA (50-150)	PFHxA (50-150)	PFTDA (50-150)	PFUnA (50-150)	C3PFBS (50-150)	PFBA (50-150)	C4PFHA (50-150)
480-223843-1	Area A/D Effluent	99	86	101	82	92	96	103	97
480-223843-1 MS	Area A/D Effluent MS	97	90	101	83	96	99	104	99
480-223843-1 MSD	Area A/D Effluent MSD	96	85	99	79	91	96	100	95
480-223843-2	Area A/D Effluent D	97	88	99	83	94	97	101	95
LCS 200-209276/2-A	Lab Control Sample	99	92	101	86	97	93	102	96
MB 200-209276/1-A	Method Blank	101	91	102	87	97	98	106	99

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)
480-223843-1	Area A/D Effluent	99	96	98	102	93	98	108	110
480-223843-1 MS	Area A/D Effluent MS	102	101	100	104	96	102	113	118
480-223843-1 MSD	Area A/D Effluent MSD	97	97	97	100	92	99	106	110
480-223843-2	Area A/D Effluent D	98	97	98	100	95	99	107	112
LCS 200-209276/2-A	Lab Control Sample	100	97	99	101	89	96	110	119
MB 200-209276/1-A	Method Blank	102	104	101	104	94	101	113	116

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (50-150)	M282FTS (50-150)
480-223843-1	Area A/D Effluent	100	99
480-223843-1 MS	Area A/D Effluent MS	105	107
480-223843-1 MSD	Area A/D Effluent MSD	101	99
480-223843-2	Area A/D Effluent D	101	102
LCS 200-209276/2-A	Lab Control Sample	100	104
MB 200-209276/1-A	Method Blank	107	103

Surrogate Legend

PFDA = 13C2 PFDA
PFDaA = 13C2 PFDaA
PFHxA = 13C2 PFHxA
PFTDA = 13C2 PFTeDA
PFUnA = 13C2 PFUnA
C3PFBS = 13C3 PFBS
PFBA = 13C4 PFBA
C4PFHA = 13C4 PFHpA

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Isotope Dilution Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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

Lab Sample ID: MB 480-726740/1-A

Matrix: Water

Analysis Batch: 726815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726740

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		10/01/24 13:04	10/02/24 13:40	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				10/01/24 13:04	10/02/24 13:40	1

Lab Sample ID: LCS 480-726740/2-A

Matrix: Water

Analysis Batch: 726815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726740

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	2.00	2.20		ug/L		110	40 - 140
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8	29		15 - 110				

Lab Sample ID: 480-223843-1 MS

Matrix: Water

Analysis Batch: 726815

Client Sample ID: Area A/D Effluent MS

Prep Type: Total/NA

Prep Batch: 726740

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	ND		2.00	2.24		ug/L		112	40 - 140
Isotope Dilution	MS %Recovery	MS Qualifier	Limits						
1,4-Dioxane-d8	30		15 - 110						

Lab Sample ID: 480-223843-1 MSD

Matrix: Water

Analysis Batch: 726815

Client Sample ID: Area A/D Effluent MSD

Prep Type: Total/NA

Prep Batch: 726740

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		2.00	2.14		ug/L		107	40 - 140	5	20
Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits								
1,4-Dioxane-d8	29		15 - 110								

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-209276/1-A

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 209276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		2.0	1.3	ng/L		10/04/24 09:13	10/04/24 18:11	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		5.0	1.8	ng/L		10/04/24 09:13	10/04/24 18:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		5.0	1.6	ng/L		10/04/24 09:13	10/04/24 18:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		5.0	1.7	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.51	ng/L		10/04/24 09:13	10/04/24 18:11	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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

Lab Sample ID: MB 200-209276/1-A

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 209276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		5.0	1.2	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.34	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.37	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.43	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.18	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.37	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.39	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.73	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.22	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.41	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.50	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.41	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.30	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	0.33	ng/L		10/04/24 09:13	10/04/24 18:11	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.27	ng/L		10/04/24 09:13	10/04/24 18:11	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	101		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C2 PFDoA	91		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C2 PFHxA	102		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C2 PFTeDA	87		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C2 PFUnA	97		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C3 PFBS	98		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C4 PFBA	106		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C4 PFHpA	99		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C4 PFOA	102		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C4 PFOS	104		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C5 PFNA	101		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C5 PFPeA	104		50 - 150	10/04/24 09:13	10/04/24 18:11	1
13C8 FOSA	94		50 - 150	10/04/24 09:13	10/04/24 18:11	1
18O2 PFHxS	101		50 - 150	10/04/24 09:13	10/04/24 18:11	1
d3-NMeFOSAA	113		50 - 150	10/04/24 09:13	10/04/24 18:11	1
d5-NEtFOSAA	116		50 - 150	10/04/24 09:13	10/04/24 18:11	1
M2-6:2 FTS	107		50 - 150	10/04/24 09:13	10/04/24 18:11	1
M2-8:2 FTS	103		50 - 150	10/04/24 09:13	10/04/24 18:11	1

Lab Sample ID: LCS 200-209276/2-A

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 209276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	38.4	44.4		ng/L		116	70 - 130
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	38.0	42.6		ng/L		112	60 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	40.3		ng/L		101	70 - 130

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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

Lab Sample ID: LCS 200-209276/2-A

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 209276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	40.6		ng/L		102	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.5	40.5		ng/L		114	70 - 130
Perfluorobutanoic acid (PFBA)	40.0	45.1		ng/L		113	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	47.1		ng/L		122	70 - 130
Perfluorodecanoic acid (PFDA)	40.0	43.4		ng/L		109	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	45.2		ng/L		113	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	38.1	42.9		ng/L		113	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	44.6		ng/L		111	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.6	40.8		ng/L		112	70 - 130
Perfluorohexanoic acid (PFHxA)	40.0	43.1		ng/L		108	70 - 130
Perfluorononanoic acid (PFNA)	40.0	43.0		ng/L		108	70 - 130
Perfluorooctanesulfonamide (PFOSA)	40.0	44.5		ng/L		111	70 - 130
Perfluorooctanesulfonic acid (PFOS)	37.1	41.9		ng/L		113	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	43.7		ng/L		109	70 - 130
Perfluoropentanoic acid (PFPeA)	40.0	45.5		ng/L		114	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	44.1		ng/L		110	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	39.9		ng/L		100	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	44.9		ng/L		112	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 PFDA	99		50 - 150
13C2 PFDoA	92		50 - 150
13C2 PFHxA	101		50 - 150
13C2 PFTeDA	86		50 - 150
13C2 PFUnA	97		50 - 150
13C3 PFBS	93		50 - 150
13C4 PFBA	102		50 - 150
13C4 PFHpA	96		50 - 150
13C4 PFOA	100		50 - 150
13C4 PFOS	97		50 - 150
13C5 PFNA	99		50 - 150
13C5 PFPeA	101		50 - 150
13C8 FOSA	89		50 - 150
18O2 PFHxS	96		50 - 150
d3-NMeFOSAA	110		50 - 150
d5-NEtFOSAA	119		50 - 150
M2-6:2 FTS	100		50 - 150
M2-8:2 FTS	104		50 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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

Lab Sample ID: 480-223843-1 MS

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Area A/D Effluent MS

Prep Type: Total/NA

Prep Batch: 209276

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		36.2	40.0		ng/L		110	60 - 140
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		35.9	38.0		ng/L		106	50 - 150
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		37.8	39.4		ng/L		104	60 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		37.8	38.6		ng/L		102	60 - 140
Perfluorobutanesulfonic acid (PFBS)	ND		33.5	37.9		ng/L		113	60 - 140
Perfluorobutanoic acid (PFBA)	ND		37.8	42.3		ng/L		112	60 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		36.4	42.2		ng/L		116	60 - 140
Perfluorodecanoic acid (PFDA)	ND		37.8	42.3		ng/L		112	60 - 140
Perfluorododecanoic acid (PFDoA)	ND		37.8	41.6		ng/L		110	60 - 140
Perfluoroheptanesulfonic acid (PFHpS)	ND		36.0	41.2		ng/L		115	60 - 140
Perfluoroheptanoic acid (PFHpA)	ND		37.8	41.8		ng/L		111	60 - 140
Perfluorohexanesulfonic acid (PFHxS)	ND		34.5	37.7		ng/L		109	60 - 140
Perfluorohexanoic acid (PFHxA)	ND		37.8	41.4		ng/L		110	60 - 140
Perfluorononanoic acid (PFNA)	ND		37.8	39.9		ng/L		106	60 - 140
Perfluorooctanesulfonamide (PFOSA)	ND		37.8	42.2		ng/L		112	60 - 140
Perfluorooctanesulfonic acid (PFOS)	ND		35.0	38.5		ng/L		110	60 - 140
Perfluorooctanoic acid (PFOA)	ND		37.8	41.6		ng/L		110	60 - 140
Perfluoropentanoic acid (PFPeA)	ND		37.8	42.7		ng/L		113	60 - 140
Perfluorotetradecanoic acid (PFTeA)	ND		37.8	42.5		ng/L		113	60 - 140
Perfluorotridecanoic acid (PFTriA)	ND		37.8	37.3		ng/L		99	60 - 140
Perfluoroundecanoic acid (PFUnA)	ND		37.8	40.7		ng/L		108	60 - 140

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFDA	97		50 - 150
13C2 PFDoA	90		50 - 150
13C2 PFHxA	101		50 - 150
13C2 PFTeDA	83		50 - 150
13C2 PFUnA	96		50 - 150
13C3 PFBS	99		50 - 150
13C4 PFBA	104		50 - 150
13C4 PFHpA	99		50 - 150
13C4 PFOA	102		50 - 150
13C4 PFOS	101		50 - 150
13C5 PFNA	100		50 - 150
13C5 PFPeA	104		50 - 150
13C8 FOSA	96		50 - 150
18O2 PFHxS	102		50 - 150
d3-NMeFOSAA	113		50 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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

Lab Sample ID: 480-223843-1 MS

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Area A/D Effluent MS

Prep Type: Total/NA

Prep Batch: 209276

<i>Isotope Dilution</i>	<i>MS %Recovery</i>	<i>MS Qualifier</i>	<i>Limits</i>
d5-NEtFOSAA	118		50 - 150
M2-6:2 FTS	105		50 - 150
M2-8:2 FTS	107		50 - 150

Lab Sample ID: 480-223843-1 MSD

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Area A/D Effluent MSD

Prep Type: Total/NA

Prep Batch: 209276

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		39.8	47.2		ng/L		118	60 - 140	16	30
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		39.5	42.2		ng/L		107	50 - 150	11	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		41.5	46.9		ng/L		113	60 - 140	17	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		41.5	46.8		ng/L		113	60 - 140	19	30
Perfluorobutanesulfonic acid (PFBS)	ND		36.8	41.9		ng/L		114	60 - 140	10	30
Perfluorobutanoic acid (PFBA)	ND		41.5	47.6		ng/L		115	60 - 140	12	30
Perfluorodecanesulfonic acid (PFDS)	ND		40.0	46.3		ng/L		116	60 - 140	9	30
Perfluorodecanoic acid (PFDA)	ND		41.5	45.1		ng/L		109	60 - 140	6	30
Perfluorododecanoic acid (PFDoA)	ND		41.5	45.8		ng/L		110	60 - 140	10	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		39.5	45.9		ng/L		116	60 - 140	11	30
Perfluoroheptanoic acid (PFHpA)	ND		41.5	46.4		ng/L		112	60 - 140	10	30
Perfluorohexanesulfonic acid (PFHxS)	ND		37.9	41.0		ng/L		108	60 - 140	8	30
Perfluorohexanoic acid (PFHxA)	ND		41.5	45.3		ng/L		109	60 - 140	9	30
Perfluorononanoic acid (PFNA)	ND		41.5	44.3		ng/L		107	60 - 140	10	30
Perfluorooctanesulfonamide (PFOSA)	ND		41.5	47.6		ng/L		115	60 - 140	12	30
Perfluorooctanesulfonic acid (PFOS)	ND		38.5	42.5		ng/L		110	60 - 140	10	30
Perfluorooctanoic acid (PFOA)	ND		41.5	46.0		ng/L		111	60 - 140	10	30
Perfluoropentanoic acid (PFPeA)	ND		41.5	47.5		ng/L		114	60 - 140	11	30
Perfluorotetradecanoic acid (PFTeA)	ND		41.5	47.1		ng/L		114	60 - 140	10	30
Perfluorotridecanoic acid (PFTriA)	ND		41.5	42.7		ng/L		103	60 - 140	13	30
Perfluoroundecanoic acid (PFUnA)	ND		41.5	45.0		ng/L		108	60 - 140	10	30

<i>Isotope Dilution</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
13C2 PFDA	96		50 - 150
13C2 PFDoA	85		50 - 150
13C2 PFHxA	99		50 - 150
13C2 PFTeDA	79		50 - 150
13C2 PFUnA	91		50 - 150
13C3 PFBS	96		50 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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

Lab Sample ID: 480-223843-1 MSD

Matrix: Water

Analysis Batch: 209279

Client Sample ID: Area A/D Effluent MSD

Prep Type: Total/NA

Prep Batch: 209276

Isotope Dilution	MSD	MSD	Limits
	%Recovery	Qualifier	
13C4 PFBA	100		50 - 150
13C4 PFHpA	95		50 - 150
13C4 PFOA	97		50 - 150
13C4 PFOS	97		50 - 150
13C5 PFNA	97		50 - 150
13C5 PFPeA	100		50 - 150
13C8 FOSA	92		50 - 150
18O2 PFHxS	99		50 - 150
d3-NMeFOSAA	106		50 - 150
d5-NEtFOSAA	110		50 - 150
M2-6:2 FTS	101		50 - 150
M2-8:2 FTS	99		50 - 150

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

GC/MS Semi VOA

Prep Batch: 726740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223843-1	Area A/D Effluent	Total/NA	Water	3510C	
480-223843-2	Area A/D Effluent D	Total/NA	Water	3510C	
MB 480-726740/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-726740/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-223843-1 MS	Area A/D Effluent MS	Total/NA	Water	3510C	
480-223843-1 MSD	Area A/D Effluent MSD	Total/NA	Water	3510C	

Analysis Batch: 726815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223843-1	Area A/D Effluent	Total/NA	Water	8270D SIM ID	726740
480-223843-2	Area A/D Effluent D	Total/NA	Water	8270D SIM ID	726740
MB 480-726740/1-A	Method Blank	Total/NA	Water	8270D SIM ID	726740
LCS 480-726740/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	726740
480-223843-1 MS	Area A/D Effluent MS	Total/NA	Water	8270D SIM ID	726740
480-223843-1 MSD	Area A/D Effluent MSD	Total/NA	Water	8270D SIM ID	726740

LCMS

Prep Batch: 209276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223843-1	Area A/D Effluent	Total/NA	Water	3535	
480-223843-2	Area A/D Effluent D	Total/NA	Water	3535	
MB 200-209276/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-209276/2-A	Lab Control Sample	Total/NA	Water	3535	
480-223843-1 MS	Area A/D Effluent MS	Total/NA	Water	3535	
480-223843-1 MSD	Area A/D Effluent MSD	Total/NA	Water	3535	

Analysis Batch: 209279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223843-1	Area A/D Effluent	Total/NA	Water	537 (modified)	209276
480-223843-2	Area A/D Effluent D	Total/NA	Water	537 (modified)	209276
MB 200-209276/1-A	Method Blank	Total/NA	Water	537 (modified)	209276
LCS 200-209276/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	209276
480-223843-1 MS	Area A/D Effluent MS	Total/NA	Water	537 (modified)	209276
480-223843-1 MSD	Area A/D Effluent MSD	Total/NA	Water	537 (modified)	209276

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

Client Sample ID: Area A/D Effluent

Date Collected: 09/30/24 14:45

Date Received: 09/30/24 16:05

Lab Sample ID: 480-223843-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			726740	LSC	EET BUF	10/01/24 13:04
Total/NA	Analysis	8270D SIM ID		1	726815	JMM	EET BUF	10/02/24 15:06
Total/NA	Prep	3535			209276	MLK	EET BUR	10/04/24 09:13
Total/NA	Analysis	537 (modified)		1	209279	BWC	EET BUR	10/04/24 21:01

Client Sample ID: Area A/D Effluent D

Date Collected: 09/30/24 15:00

Date Received: 09/30/24 16:05

Lab Sample ID: 480-223843-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			726740	LSC	EET BUF	10/01/24 13:04
Total/NA	Analysis	8270D SIM ID		1	726815	JMM	EET BUF	10/02/24 15:27
Total/NA	Prep	3535			209276	MLK	EET BUR	10/04/24 09:13
Total/NA	Analysis	537 (modified)		1	209279	BWC	EET BUR	10/04/24 21:25

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

Laboratory: Eurofins Buffalo

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

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

Laboratory: Eurofins Burlington

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	03-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorooctanesulfonamide (PFOSA)

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Area A/D Effluent

Job ID: 480-223843-1

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: Area A/D Effluent

Job ID: 480-223843-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223843-1	Area A/D Effluent	Water	09/30/24 14:45	09/30/24 16:05
480-223843-2	Area A/D Effluent D	Water	09/30/24 15:00	09/30/24 16:05

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

Chain of Custody Record

Client Information		Sampler: <u>Aylee Kunzelman</u>		Lab PM: <u>Schove, John R</u>	Carrier Tracking No(s): <u>OSC</u>	COC No: <u>480-198761-34770.1</u>																							
Client Contact: <u>Kirsten Colligan</u>		Phone: <u>716-480-3482</u>		E-Mail: <u>John.Schove@et.eurofins.com</u>	State of Origin: <u>NY</u>	Page: <u>1 of 1</u>																							
Company: <u>Ontario Specialty Contracting, Inc.</u>		PWSID: <u>2 weeks</u>		Analysis Requested																									
Address: <u>140 Lee St.</u>		Due Date Requested: <u>2 weeks</u>		Preservation Codes: <u>16001</u>																									
City: <u>Buffalo</u>		TAT Requested (days): <u>Standard</u>		N - None																									
State/Zip: <u>NY, 14210</u>		Compliance Project: <u>Δ Yes Δ No</u>		Other:																									
Phone: <u>716-856-3333</u>		PO #: <u>66986</u>		Total Number of Containers																									
Email: <u>kcolligan@oscinc.com</u>		WO #: <u>67608</u>		8270D_SIM_MS_ID - SIM List																									
Project Name: <u>OSC- Former Buffalo Color Sites - 37745</u>		Project #: <u>48003159</u>		PFC_IDA - PFA's, Standard List (21 analytes)																									
Site: <u>New York</u>		SSOW#: <u></u>		Perform MS/MS (Yes or No)																									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=soil, BT=Tissue, Anal)		Preservation Code		Field Filtered Sample (Yes or No)		8270D_SIM_MS_ID - SIM List		PFC_IDA - PFA's, Standard List (21 analytes)		Perform MS/MS (Yes or No)		Special Instructions/Note:									
Area A/D Effluent		9:30-24		14:45		C		Water		C		X		X		X		X		X									
Area A/D Effluent		MS		14:50		G		Water		G		X		X		X		X		X									
Area A/D Effluent		MSD		14:55		G		Water		G		X		X		X		X		X									
Area A/D Effluent		D		15:00		G		Water		G		X		X		X		X		X									
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown		<input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<input type="checkbox"/> Return To Client		<input type="checkbox"/> Disposal By Lab		<input type="checkbox"/> Archive For		Months							
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Received by:		Date/Time:		Company:		Received by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by: <u>John</u>		Date/Time: <u>9-30-24</u>		16:00		OSC		Company:		Date/Time: <u>9/30</u>		1605		Company:		Date/Time:		Company:		Date/Time:		Company:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Relinquished by:		Date/Time:		Company:		Relinquished by:		Date/Time:		Company:		Relinquished by:		Date/Time:		Company:		Relinquished by:		Date/Time:		Company:	
Custody Seal No.: <u>AS40582 - 2540583</u>		Custody Seal Intact: <u>Yes Δ No</u>		Custody Seal No.:		Custody Seal Intact:		Custody Seal No.:		Custody Seal Intact:		Custody Seal No.:		Custody Seal Intact:		Custody Seal No.:		Custody Seal Intact:		Custody Seal No.:		Custody Seal Intact:		Custody Seal No.:		Custody Seal Intact:		Custody Seal No.:	



[illegible]

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-223843-1

Login Number: 223843

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

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	12.4, 10.8 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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	Ontario Specialty Contracting
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-223843-1

Login Number: 223843

List Number: 2

Creator: Devarney, Hilary

List Source: Eurofins Burlington

List Creation: 10/02/24 06:47 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533899
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	0.3°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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210
Generated 10/9/2024 12:11:01 PM

JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-223804-1

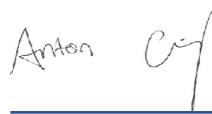
Eurofins Buffalo

Job Notes

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

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

Authorization



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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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.
☼	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: Quarterly BSA SUMP

Job ID: 480-223804-1

Job ID: 480-223804-1

Eurofins Buffalo

Job Narrative 480-223804-1

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

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

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

Receipt

The samples were received on 9/28/2024 4:46 PM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 15.4°C.

GC/MS VOA

Method 624.1 _PREC: The following Volatile sample was composited by the laboratory on 09/30/2024 as requested by the client: BCC BSA SUMP-EFFLUENT (480-223804-3). 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 _PREC: The continuing calibration verification (CCV) associated with batch 480-726617 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: TRIP BLANK (480-223804-2) and BCC BSA SUMP-EFFLUENT (480-223804-3).

Method 624.1 _PREC: The following Volatile sample was composited by the laboratory on 10/01/2024 as requested by the client: BCC BSA SUMP-INFLUENT (480-223804-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

Method 624.1 _PREC: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC BSA SUMP-INFLUENT (480-223804-1). 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 _PREC: The following sample was diluted due to color, appearance, viscosity, etc.: BCC BSA SUMP-INFLUENT (480-223804-1). 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.

PCBs

Method 608.3 _PCB _PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-726627.

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

Metals

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

General Chemistry

Method 420.4 _NP: The laboratory control sample (LCS) and continuous control verification (CCV) for analytical batch 480-727121 recovered outside control limits for the following analytes Total Recoverable Phenolics. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. BCC BSA SUMP-EFFLUENT (480-223804-3)

Eurofins Buffalo

Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project: Quarterly BSA SUMP

Job ID: 480-223804-1

Job ID: 480-223804-1 (Continued)

Eurofins Buffalo

Method 420.4_NP: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): BCC BSA SUMP-INFLUENT (480-223804-1) and BCC BSA SUMP-EFFLUENT (480-223804-3).

Method 5210B: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 480-726525. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

Method 5210B: The correction factor for the Seeded Control Blank (SCB) for batch 480-726525 was outside the method range of 0.6 to 1.0 mg/L. Thus, there is added uncertainty for the associated sample results.

Method 5210B: Reanalysis of the following sample was performed outside of the analytical holding time due to under or over depletion: BCC BSA SUMP-INFLUENT (480-223804-1).

Method 5210B: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 480-726525. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

Method SM4500_H+: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP-INFLUENT (480-223804-1) and BCC BSA SUMP-EFFLUENT (480-223804-3).

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

Eurofins Buffalo

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	180	J	200	20	ug/L	40		624.1	Total/NA
Chlorobenzene	1900		200	19	ug/L	40		624.1	Total/NA
1,3-Dichlorobenzene	13	J	200	3.5	ug/L	5		625.1	Total/NA
1,4-Dichlorobenzene	160	J	200	4.1	ug/L	5		625.1	Total/NA
2-Chlorophenol	20	J	100	3.3	ug/L	5		625.1	Total/NA
Acenaphthene	68	J	100	4.1	ug/L	5		625.1	Total/NA
Fluorene	24	J	100	5.0	ug/L	5		625.1	Total/NA
N-Nitrosodiphenylamine	17	J	100	4.1	ug/L	5		625.1	Total/NA
Phenolics, Total Recoverable	0.021		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	8.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.043		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.3	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.1	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.16		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	13.0	*+	6.0	6.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223804-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.81	J	5.0	0.48	ug/L	1		624.1	Total/NA

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	4.2	J	5.0	0.48	ug/L	1		624.1	Total/NA
Copper	0.0046	J	0.010	0.0045	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0041	J	0.010	0.0034	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Amenable	0.026		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.2	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.3	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.23		0.010	0.0050	mg/L as P	1		SM 4500 P E	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: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

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			10/01/24 20:14	40
1,1,2,2-Tetrachloroethane	ND		200	10	ug/L			10/01/24 20:14	40
1,1,2-Trichloroethane	ND		200	19	ug/L			10/01/24 20:14	40
1,1-Dichloroethane	ND		200	24	ug/L			10/01/24 20:14	40
1,1-Dichloroethene	ND		200	34	ug/L			10/01/24 20:14	40
1,2-Dichlorobenzene	ND		200	18	ug/L			10/01/24 20:14	40
1,2-Dichloroethane	ND		200	24	ug/L			10/01/24 20:14	40
1,2-Dichloroethene, Total	ND		400	130	ug/L			10/01/24 20:14	40
1,2-Dichloropropane	ND		200	24	ug/L			10/01/24 20:14	40
1,3-Dichlorobenzene	ND		200	22	ug/L			10/01/24 20:14	40
1,4-Dichlorobenzene	180	J	200	20	ug/L			10/01/24 20:14	40
2-Chloroethyl vinyl ether	ND		1000	74	ug/L			10/01/24 20:14	40
Acrolein	ND		4000	700	ug/L			10/01/24 20:14	40
Acrylonitrile	ND		2000	76	ug/L			10/01/24 20:14	40
Benzene	ND		200	24	ug/L			10/01/24 20:14	40
Bromodichloromethane	ND		200	21	ug/L			10/01/24 20:14	40
Bromoform	ND		200	19	ug/L			10/01/24 20:14	40
Bromomethane	ND		200	48	ug/L			10/01/24 20:14	40
Carbon tetrachloride	ND		200	20	ug/L			10/01/24 20:14	40
Chlorobenzene	1900		200	19	ug/L			10/01/24 20:14	40
Chloroethane	ND		200	35	ug/L			10/01/24 20:14	40
Chloroform	ND		200	22	ug/L			10/01/24 20:14	40
Chloromethane	ND		200	25	ug/L			10/01/24 20:14	40
cis-1,3-Dichloropropene	ND		200	13	ug/L			10/01/24 20:14	40
Dibromochloromethane	ND		200	17	ug/L			10/01/24 20:14	40
Ethylbenzene	ND		200	19	ug/L			10/01/24 20:14	40
Methylene Chloride	ND		200	33	ug/L			10/01/24 20:14	40
Tetrachloroethene	ND		200	14	ug/L			10/01/24 20:14	40
Toluene	ND		200	18	ug/L			10/01/24 20:14	40
trans-1,3-Dichloropropene	ND		200	18	ug/L			10/01/24 20:14	40
Trichloroethene	ND		200	24	ug/L			10/01/24 20:14	40
Trichlorofluoromethane	ND		200	18	ug/L			10/01/24 20:14	40
Vinyl chloride	ND		200	30	ug/L			10/01/24 20:14	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		10/01/24 20:14	40
4-Bromofluorobenzene (Surr)	97		76 - 123		10/01/24 20:14	40
Dibromofluoromethane (Surr)	99		75 - 123		10/01/24 20:14	40
Toluene-d8 (Surr)	99		77 - 120		10/01/24 20:14	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		200	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,2-Dichlorobenzene	ND		200	5.2	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,2-Diphenylhydrazine	ND		200	3.9	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,3-Dichlorobenzene	13	J	200	3.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,4-Dichlorobenzene	160	J	200	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,2'-oxybis[1-chloropropane]	ND		100	4.2	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4,6-Trichlorophenol	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4-Dichlorophenol	ND		100	3.9	ug/L		10/02/24 09:12	10/03/24 17:28	5

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

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		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4-Dinitrophenol	ND		200	25	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4-Dinitrotoluene	ND		100	8.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
2-Chloronaphthalene	ND		100	4.6	ug/L		10/02/24 09:12	10/03/24 17:28	5
2-Chlorophenol	20	J	100	3.3	ug/L		10/02/24 09:12	10/03/24 17:28	5
2-Nitrophenol	ND		100	3.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
3,3'-Dichlorobenzidine	ND		100	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
4,6-Dinitro-2-methylphenol	ND		200	9.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Bromophenyl phenyl ether	ND		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Chloro-3-methylphenol	ND		100	5.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Chlorophenyl phenyl ether	ND		100	6.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Nitrophenol	ND		200	9.7	ug/L		10/02/24 09:12	10/03/24 17:28	5
Acenaphthene	68	J	100	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
Acenaphthylene	ND		100	4.4	ug/L		10/02/24 09:12	10/03/24 17:28	5
Aniline	ND		200	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Anthracene	ND		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzidine	ND		1600	270	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[a]anthracene	ND		100	5.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[a]pyrene	ND		100	6.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[b]fluoranthene	ND		100	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[g,h,i]perylene	ND		100	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[k]fluoranthene	ND		100	6.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Bis(2-chloroethoxy)methane	ND		100	3.8	ug/L		10/02/24 09:12	10/03/24 17:28	5
Bis(2-chloroethyl)ether	ND		100	4.7	ug/L		10/02/24 09:12	10/03/24 17:28	5
Bis(2-ethylhexyl) phthalate	ND		200	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Butyl benzyl phthalate	ND		100	5.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Chrysene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Dibenz(a,h)anthracene	ND		100	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Diethyl phthalate	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Dimethyl phthalate	ND		100	4.6	ug/L		10/02/24 09:12	10/03/24 17:28	5
Di-n-butyl phthalate	ND		100	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Di-n-octyl phthalate	ND		100	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Fluoranthene	ND		100	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Fluorene	24	J	100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachlorobenzene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachlorobutadiene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachlorocyclopentadiene	ND		100	11	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachloroethane	ND		100	3.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Indeno[1,2,3-cd]pyrene	ND		100	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Isophorone	ND		100	3.7	ug/L		10/02/24 09:12	10/03/24 17:28	5
Naphthalene	ND		100	4.3	ug/L		10/02/24 09:12	10/03/24 17:28	5
Decane	ND		200	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Nitrobenzene	ND		100	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
N-Nitrosodimethylamine	ND		200	2.9	ug/L		10/02/24 09:12	10/03/24 17:28	5
N-Nitrosodi-n-propylamine	ND		100	4.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
N-Nitrosodiphenylamine	17	J	100	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
n-Octadecane	ND		200	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Pentachlorophenol	ND		200	16	ug/L		10/02/24 09:12	10/03/24 17:28	5
Phenanthrene	ND		100	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		100	1.8	ug/L		10/02/24 09:12	10/03/24 17:28	5
Pyrene	ND		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,6-Dinitrotoluene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		52 - 151				10/02/24 09:12	10/03/24 17:28	5
2-Fluorobiphenyl	64		44 - 120				10/02/24 09:12	10/03/24 17:28	5
2-Fluorophenol	42		17 - 120				10/02/24 09:12	10/03/24 17:28	5
Nitrobenzene-d5	53		15 - 314				10/02/24 09:12	10/03/24 17:28	5
Phenol-d5	28		8 - 424				10/02/24 09:12	10/03/24 17:28	5
p-Terphenyl-d14	47		22 - 125				10/02/24 09:12	10/03/24 17:28	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		09/30/24 13:14	10/01/24 12:46	1
PCB-1221	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1232	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1242	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1248	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1254	ND		0.057	0.030	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1260	ND		0.057	0.030	ug/L		09/30/24 13:14	10/01/24 12:46	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	20		10 - 120				09/30/24 13:14	10/01/24 12:46	1
Tetrachloro-m-xylene	52		10 - 126				09/30/24 13:14	10/01/24 12:46	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		09/30/24 08:02	09/30/24 18:29	1
Copper	ND		0.010	0.0045	mg/L		09/30/24 08:02	09/30/24 18:29	1
Lead	ND		0.010	0.0039	mg/L		09/30/24 08:02	09/30/24 18:29	1
Nickel	ND		0.010	0.0034	mg/L		09/30/24 08:02	09/30/24 18:29	1
Zinc	ND		0.010	0.0068	mg/L		09/30/24 08:02	09/30/24 18:29	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/30/24 10:04	09/30/24 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.021		0.010	0.0035	mg/L			10/04/24 13:50	1
Cyanide, Amenable (SM 4500 CN G)	0.043		0.010	0.0050	mg/L			10/05/24 17:30	1
Phosphorus (SM 4500 P E)	0.16		0.010	0.0050	mg/L as P			10/01/24 19:46	1
Biochemical Oxygen Demand (SM 5210B)	13.0	+	6.0	6.0	mg/L			09/28/24 14:15	1
Biochemical Oxygen Demand (SM 5210B)	ND	H	6.0	6.0	mg/L			10/03/24 13:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	8.4		4.0	4.0	mg/L			09/30/24 09:43	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT
Date Collected: 09/27/24 12:05
Date Received: 09/28/24 16:46

Lab Sample ID: 480-223804-1
Matrix: Water

General Chemistry (Continued)									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	8.3	HF	0.1	0.1	SU			09/29/24 14:20	1
Temperature (SM 4500 H+ B)	19.1	HF	0.001	0.001	Degrees C			09/29/24 14:20	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223804-2

Date Collected: 09/27/24 00:00

Matrix: Water

Date Received: 09/28/24 16:46

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			09/30/24 15:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/24 15:09	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/24 15:09	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/24 15:09	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/24 15:09	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/24 15:09	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/24 15:09	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/24 15:09	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/24 15:09	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/24 15:09	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/24 15:09	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/24 15:09	1
Acrolein	ND		100	17	ug/L			09/30/24 15:09	1
Acrylonitrile	ND		100	1.9	ug/L			09/30/24 15:09	1
Benzene	ND		5.0	0.60	ug/L			09/30/24 15:09	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/24 15:09	1
Bromoform	ND		5.0	0.47	ug/L			09/30/24 15:09	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/24 15:09	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/24 15:09	1
Chlorobenzene	0.81	J	5.0	0.48	ug/L			09/30/24 15:09	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/24 15:09	1
Chloroform	ND		5.0	0.54	ug/L			09/30/24 15:09	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/24 15:09	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/24 15:09	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/24 15:09	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/24 15:09	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/24 15:09	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/24 15:09	1
Toluene	ND		5.0	0.45	ug/L			09/30/24 15:09	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/24 15:09	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/24 15:09	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/24 15:09	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/24 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 130		09/30/24 15:09	1
4-Bromofluorobenzene (Surr)	99		76 - 123		09/30/24 15:09	1
Dibromofluoromethane (Surr)	95		75 - 123		09/30/24 15:09	1
Toluene-d8 (Surr)	99		77 - 120		09/30/24 15:09	1

Eurofins Buffalo

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

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			09/30/24 15:33	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/24 15:33	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/24 15:33	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/24 15:33	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/24 15:33	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/24 15:33	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/24 15:33	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/24 15:33	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/24 15:33	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/24 15:33	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/24 15:33	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/24 15:33	1
Acrolein	ND		100	17	ug/L			09/30/24 15:33	1
Acrylonitrile	ND		50	1.9	ug/L			09/30/24 15:33	1
Benzene	ND		5.0	0.60	ug/L			09/30/24 15:33	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/24 15:33	1
Bromoform	ND		5.0	0.47	ug/L			09/30/24 15:33	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/24 15:33	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/24 15:33	1
Chlorobenzene	4.2 J		5.0	0.48	ug/L			09/30/24 15:33	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/24 15:33	1
Chloroform	ND		5.0	0.54	ug/L			09/30/24 15:33	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/24 15:33	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/24 15:33	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/24 15:33	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/24 15:33	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/24 15:33	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/24 15:33	1
Toluene	ND		5.0	0.45	ug/L			09/30/24 15:33	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/24 15:33	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/24 15:33	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/24 15:33	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/24 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		09/30/24 15:33	1
4-Bromofluorobenzene (Surr)	99		76 - 123		09/30/24 15:33	1
Dibromofluoromethane (Surr)	99		75 - 123		09/30/24 15:33	1
Toluene-d8 (Surr)	101		77 - 120		09/30/24 15:33	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		10/02/24 09:12	10/03/24 17:55	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		10/02/24 09:12	10/03/24 17:55	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		10/02/24 09:12	10/03/24 17:55	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		10/02/24 09:12	10/03/24 17:55	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

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		10/02/24 09:12	10/03/24 17:55	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
2-Chloronaphthalene	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 17:55	1
2-Chlorophenol	ND		20	0.66	ug/L		10/02/24 09:12	10/03/24 17:55	1
2-Nitrophenol	ND		20	0.70	ug/L		10/02/24 09:12	10/03/24 17:55	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Nitrophenol	ND		40	1.9	ug/L		10/02/24 09:12	10/03/24 17:55	1
Acenaphthene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 17:55	1
Acenaphthylene	ND		20	0.87	ug/L		10/02/24 09:12	10/03/24 17:55	1
Aniline	ND		40	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Anthracene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzidine	ND		320	54	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[a]anthracene	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[a]pyrene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 17:55	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		10/02/24 09:12	10/03/24 17:55	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		10/02/24 09:12	10/03/24 17:55	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
Chrysene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Diethyl phthalate	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Dimethyl phthalate	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 17:55	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Fluoranthene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
Fluorene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachlorobenzene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachlorobutadiene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachloroethane	ND		20	0.60	ug/L		10/02/24 09:12	10/03/24 17:55	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Isophorone	ND		20	0.74	ug/L		10/02/24 09:12	10/03/24 17:55	1
Naphthalene	ND		20	0.86	ug/L		10/02/24 09:12	10/03/24 17:55	1
Decane	ND		40	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
Nitrobenzene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 17:55	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		10/02/24 09:12	10/03/24 17:55	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		10/02/24 09:12	10/03/24 17:55	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		10/02/24 09:12	10/03/24 17:55	1
n-Octadecane	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Pentachlorophenol	ND		40	3.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Phenanthrene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

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		10/02/24 09:12	10/03/24 17:55	1
Pyrene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	52		52 - 151	10/02/24 09:12	10/03/24 17:55	1
2-Fluorobiphenyl	66		44 - 120	10/02/24 09:12	10/03/24 17:55	1
2-Fluorophenol	47		17 - 120	10/02/24 09:12	10/03/24 17:55	1
Nitrobenzene-d5	59		15 - 314	10/02/24 09:12	10/03/24 17:55	1
Phenol-d5	33		8 - 424	10/02/24 09:12	10/03/24 17:55	1
p-Terphenyl-d14	59		22 - 125	10/02/24 09:12	10/03/24 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1221	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1232	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1242	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1248	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1254	ND		0.058	0.030	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1260	ND		0.058	0.030	ug/L		09/30/24 13:14	10/01/24 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		10 - 120	09/30/24 13:14	10/01/24 13:04	1
Tetrachloro-m-xylene	66		10 - 126	09/30/24 13:14	10/01/24 13:04	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		09/30/24 08:02	09/30/24 18:30	1
Copper	0.0046	J	0.010	0.0045	mg/L		09/30/24 08:02	09/30/24 18:30	1
Lead	ND		0.010	0.0039	mg/L		09/30/24 08:02	09/30/24 18:30	1
Nickel	0.0041	J	0.010	0.0034	mg/L		09/30/24 08:02	09/30/24 18:30	1
Zinc	ND		0.010	0.0068	mg/L		09/30/24 08:02	09/30/24 18:30	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/30/24 10:04	09/30/24 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	ND	*+ ^+ F1	0.010	0.0035	mg/L			10/04/24 11:13	1
Cyanide, Amenable (SM 4500 CN G)	0.026		0.010	0.0050	mg/L			10/04/24 17:03	1
Phosphorus (SM 4500 P E)	0.23		0.010	0.0050	mg/L as P			10/01/24 19:46	1
Biochemical Oxygen Demand (SM 5210B)	ND	*+	2.0	2.0	mg/L			09/28/24 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	ND		4.0	4.0	mg/L			09/30/24 09:43	1
pH (SM 4500 H+ B)	8.2	HF	0.1	0.1	SU			09/29/24 14:22	1
Temperature (SM 4500 H+ B)	19.3	HF	0.001	0.001	Degrees C			09/29/24 14:22	1

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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)
480-223804-1	BCC BSA SUMP-INFLUENT	101	97	99	99
480-223804-2	TRIP BLANK	98	99	95	99
480-223804-3	BCC BSA SUMP-EFFLUENT	99	99	99	101
LCS 480-726617/6	Lab Control Sample	97	96	101	99
LCS 480-726771/6	Lab Control Sample	99	99	101	99
MB 480-726617/8	Method Blank	99	96	103	101
MB 480-726771/8	Method Blank	101	100	100	100

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)
480-223804-1	BCC BSA SUMP-INFLUENT	73	64	42	53	28	47
480-223804-3	BCC BSA SUMP-EFFLUENT	52	66	47	59	33	59
LCS 480-726825/2-A	Lab Control Sample	71	74	52	63	40	89
LCSD 480-726825/3-A	Lab Control Sample Dup	71	75	55	64	43	82
MB 480-726825/1-A	Method Blank	59	75	49	64	35	83

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 (10-120)	TCX1 (10-126)
480-223804-1	BCC BSA SUMP-INFLUENT	20	52
480-223804-3	BCC BSA SUMP-EFFLUENT	36	66
LCS 480-726627/2-A	Lab Control Sample	44	74
LCSD 480-726627/3-A	Lab Control Sample Dup	42	73
MB 480-726627/1-A	Method Blank	46	77

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726617/8

Matrix: Water

Analysis Batch: 726617

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			09/30/24 13:55	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/24 13:55	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/24 13:55	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/24 13:55	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/24 13:55	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/24 13:55	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/24 13:55	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/24 13:55	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/24 13:55	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/24 13:55	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/24 13:55	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/24 13:55	1
Acrolein	ND		100	17	ug/L			09/30/24 13:55	1
Acrylonitrile	ND		100	1.9	ug/L			09/30/24 13:55	1
Benzene	ND		5.0	0.60	ug/L			09/30/24 13:55	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/24 13:55	1
Bromoform	ND		5.0	0.47	ug/L			09/30/24 13:55	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/24 13:55	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/24 13:55	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/30/24 13:55	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/24 13:55	1
Chloroform	ND		5.0	0.54	ug/L			09/30/24 13:55	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/24 13:55	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/24 13:55	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/24 13:55	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/24 13:55	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/24 13:55	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/24 13:55	1
Toluene	ND		5.0	0.45	ug/L			09/30/24 13:55	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/24 13:55	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/24 13:55	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/24 13:55	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/24 13:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		09/30/24 13:55	1
4-Bromofluorobenzene (Surr)	96		76 - 123		09/30/24 13:55	1
Dibromofluoromethane (Surr)	103		75 - 123		09/30/24 13:55	1
Toluene-d8 (Surr)	101		77 - 120		09/30/24 13:55	1

Lab Sample ID: LCS 480-726617/6

Matrix: Water

Analysis Batch: 726617

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	21.0		ug/L		105	52 - 162
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		103	46 - 157
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	52 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726617/6

Matrix: Water

Analysis Batch: 726617

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	20.7		ug/L		103	59 - 155
1,1-Dichloroethene	20.0	21.3		ug/L		107	1 - 234
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	18 - 190
1,2-Dichloroethane	20.0	19.6		ug/L		98	49 - 155
1,2-Dichloropropane	20.0	19.8		ug/L		99	1 - 210
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	59 - 156
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	18 - 190
2-Chloroethyl vinyl ether	20.0	18.9	J	ug/L		95	1 - 305
Acrolein	100	96.6	J	ug/L		97	10 - 176
Acrylonitrile	200	184		ug/L		92	54 - 147
Benzene	20.0	20.2		ug/L		101	37 - 151
Bromodichloromethane	20.0	20.0		ug/L		100	35 - 155
Bromoform	20.0	20.8		ug/L		104	45 - 169
Bromomethane	20.0	22.4		ug/L		112	1 - 242
Carbon tetrachloride	20.0	19.5		ug/L		97	70 - 140
Chlorobenzene	20.0	19.9		ug/L		100	37 - 160
Chloroethane	20.0	22.1		ug/L		110	14 - 230
Chloroform	20.0	19.9		ug/L		100	51 - 138
Chloromethane	20.0	19.0		ug/L		95	1 - 273
cis-1,3-Dichloropropene	20.0	19.9		ug/L		100	1 - 227
Dibromochloromethane	20.0	20.2		ug/L		101	53 - 149
Ethylbenzene	20.0	20.0		ug/L		100	37 - 162
Methylene Chloride	20.0	20.8		ug/L		104	1 - 221
Tetrachloroethene	20.0	20.4		ug/L		102	64 - 148
Toluene	20.0	20.3		ug/L		101	47 - 150
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	17 - 183
Trichloroethene	20.0	20.1		ug/L		100	71 - 157
Trichlorofluoromethane	20.0	23.5		ug/L		118	17 - 181
Vinyl chloride	20.0	22.7		ug/L		113	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		68 - 130
4-Bromofluorobenzene (Surr)	96		76 - 123
Dibromofluoromethane (Surr)	101		75 - 123
Toluene-d8 (Surr)	99		77 - 120

Lab Sample ID: MB 480-726771/8

Matrix: Water

Analysis Batch: 726771

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			10/01/24 19:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/01/24 19:50	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/01/24 19:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/01/24 19:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/01/24 19:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/01/24 19:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/01/24 19:50	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726771/8

Matrix: Water

Analysis Batch: 726771

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/01/24 19:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/01/24 19:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/01/24 19:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/01/24 19:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/01/24 19:50	1
Acrolein	ND		100	17	ug/L			10/01/24 19:50	1
Acrylonitrile	ND		50	1.9	ug/L			10/01/24 19:50	1
Benzene	ND		5.0	0.60	ug/L			10/01/24 19:50	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/01/24 19:50	1
Bromoform	ND		5.0	0.47	ug/L			10/01/24 19:50	1
Bromomethane	ND		5.0	1.2	ug/L			10/01/24 19:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/01/24 19:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/01/24 19:50	1
Chloroethane	ND		5.0	0.87	ug/L			10/01/24 19:50	1
Chloroform	ND		5.0	0.54	ug/L			10/01/24 19:50	1
Chloromethane	ND		5.0	0.64	ug/L			10/01/24 19:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/01/24 19:50	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/01/24 19:50	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/01/24 19:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/01/24 19:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/01/24 19:50	1
Toluene	ND		5.0	0.45	ug/L			10/01/24 19:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/01/24 19:50	1
Trichloroethene	ND		5.0	0.60	ug/L			10/01/24 19:50	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/01/24 19:50	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/01/24 19:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		10/01/24 19:50	1
4-Bromofluorobenzene (Surr)	100		76 - 123		10/01/24 19:50	1
Dibromofluoromethane (Surr)	100		75 - 123		10/01/24 19:50	1
Toluene-d8 (Surr)	100		77 - 120		10/01/24 19:50	1

Lab Sample ID: LCS 480-726771/6

Matrix: Water

Analysis Batch: 726771

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
1,1,1,2-Tetrachloroethane	20.0	20.3		ug/L		101	46 - 157
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	52 - 150
1,1-Dichloroethane	20.0	20.2		ug/L		101	59 - 155
1,1-Dichloroethene	20.0	20.2		ug/L		101	1 - 234
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	18 - 190
1,2-Dichloroethane	20.0	19.6		ug/L		98	49 - 155
1,2-Dichloropropane	20.0	20.0		ug/L		100	1 - 210
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	59 - 156
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	18 - 190

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726771/6

Matrix: Water

Analysis Batch: 726771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloroethyl vinyl ether	20.0	20.3	J	ug/L		102	1 - 305
Acrolein	100	112		ug/L		112	10 - 176
Acrylonitrile	200	199		ug/L		100	54 - 147
Benzene	20.0	20.1		ug/L		101	37 - 151
Bromodichloromethane	20.0	20.9		ug/L		104	35 - 155
Bromoform	20.0	23.5		ug/L		118	45 - 169
Bromomethane	20.0	20.5		ug/L		103	1 - 242
Carbon tetrachloride	20.0	21.3		ug/L		107	70 - 140
Chlorobenzene	20.0	20.0		ug/L		100	37 - 160
Chloroethane	20.0	21.0		ug/L		105	14 - 230
Chloroform	20.0	20.1		ug/L		100	51 - 138
Chloromethane	20.0	21.7		ug/L		108	1 - 273
cis-1,3-Dichloropropene	20.0	21.0		ug/L		105	1 - 227
Dibromochloromethane	20.0	21.9		ug/L		110	53 - 149
Ethylbenzene	20.0	20.1		ug/L		100	37 - 162
Methylene Chloride	20.0	20.1		ug/L		100	1 - 221
Tetrachloroethene	20.0	20.3		ug/L		102	64 - 148
Toluene	20.0	19.9		ug/L		100	47 - 150
trans-1,3-Dichloropropene	20.0	21.1		ug/L		106	17 - 183
Trichloroethene	20.0	20.1		ug/L		101	71 - 157
Trichlorofluoromethane	20.0	23.6		ug/L		118	17 - 181
Vinyl chloride	20.0	22.8		ug/L		114	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Dibromofluoromethane (Surr)	101		75 - 123
Toluene-d8 (Surr)	99		77 - 120

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

Lab Sample ID: MB 480-726825/1-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
2-Chloronaphthalene	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 16:05	1
2-Chlorophenol	ND		20	0.66	ug/L		10/02/24 09:12	10/03/24 16:05	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726825/1-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		20	0.70	ug/L		10/02/24 09:12	10/03/24 16:05	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Nitrophenol	ND		40	1.9	ug/L		10/02/24 09:12	10/03/24 16:05	1
Acenaphthene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 16:05	1
Acenaphthylene	ND		20	0.87	ug/L		10/02/24 09:12	10/03/24 16:05	1
Aniline	ND		40	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Anthracene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzidine	ND		320	54	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[a]anthracene	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[a]pyrene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 16:05	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		10/02/24 09:12	10/03/24 16:05	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		10/02/24 09:12	10/03/24 16:05	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
Chrysene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Diethyl phthalate	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Dimethyl phthalate	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 16:05	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Fluoranthene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
Fluorene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachlorobenzene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachlorobutadiene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachloroethane	ND		20	0.60	ug/L		10/02/24 09:12	10/03/24 16:05	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Isophorone	ND		20	0.74	ug/L		10/02/24 09:12	10/03/24 16:05	1
Naphthalene	ND		20	0.86	ug/L		10/02/24 09:12	10/03/24 16:05	1
Decane	ND		40	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
Nitrobenzene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 16:05	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		10/02/24 09:12	10/03/24 16:05	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		10/02/24 09:12	10/03/24 16:05	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		10/02/24 09:12	10/03/24 16:05	1
n-Octadecane	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Pentachlorophenol	ND		40	3.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Phenanthrene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Phenol	ND		20	0.35	ug/L		10/02/24 09:12	10/03/24 16:05	1
Pyrene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726825/1-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726825

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	59		52 - 151	10/02/24 09:12	10/03/24 16:05	1
2-Fluorobiphenyl	75		44 - 120	10/02/24 09:12	10/03/24 16:05	1
2-Fluorophenol	49		17 - 120	10/02/24 09:12	10/03/24 16:05	1
Nitrobenzene-d5	64		15 - 314	10/02/24 09:12	10/03/24 16:05	1
Phenol-d5	35		8 - 424	10/02/24 09:12	10/03/24 16:05	1
p-Terphenyl-d14	83		22 - 125	10/02/24 09:12	10/03/24 16:05	1

Lab Sample ID: LCS 480-726825/2-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	25.0	J	ug/L		78	44 - 142
1,2-Dichlorobenzene	32.0	22.3	J	ug/L		70	32 - 129
1,3-Dichlorobenzene	32.0	22.1	J	ug/L		69	1 - 172
1,4-Dichlorobenzene	32.0	22.2	J	ug/L		69	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	18.1	J	ug/L		56	36 - 166
2,4,6-Trichlorophenol	32.0	25.2		ug/L		79	37 - 144
2,4-Dichlorophenol	32.0	24.9		ug/L		78	39 - 135
2,4-Dimethylphenol	32.0	23.5		ug/L		73	32 - 120
2,4-Dinitrophenol	64.0	50.4		ug/L		79	1 - 191
2,4-Dinitrotoluene	32.0	29.8		ug/L		93	39 - 139
2-Chloronaphthalene	32.0	23.4		ug/L		73	60 - 120
2-Chlorophenol	32.0	21.1		ug/L		66	23 - 134
2-Nitrophenol	32.0	25.4		ug/L		79	29 - 182
3,3'-Dichlorobenzidine	32.0	28.8		ug/L		90	1 - 262
4,6-Dinitro-2-methylphenol	64.0	51.8		ug/L		81	1 - 181
4-Bromophenyl phenyl ether	32.0	27.5		ug/L		86	53 - 127
4-Chloro-3-methylphenol	32.0	25.9		ug/L		81	22 - 147
4-Chlorophenyl phenyl ether	32.0	27.2		ug/L		85	25 - 158
4-Nitrophenol	64.0	41.0		ug/L		64	1 - 132
Acenaphthene	32.0	23.9		ug/L		75	47 - 145
Acenaphthylene	32.0	26.0		ug/L		81	33 - 145
Aniline	32.0	15.7	J	ug/L		49	40 - 120
Anthracene	32.0	28.2		ug/L		88	27 - 133
Benzo[a]anthracene	32.0	32.2		ug/L		100	33 - 143
Benzo[a]pyrene	32.0	31.8		ug/L		99	17 - 163
Benzo[b]fluoranthene	32.0	31.6		ug/L		99	24 - 159
Benzo[g,h,i]perylene	32.0	31.4		ug/L		98	1 - 219
Benzo[k]fluoranthene	32.0	34.2		ug/L		107	11 - 162
Bis(2-chloroethoxy)methane	32.0	23.9		ug/L		75	33 - 184
Bis(2-chloroethyl)ether	32.0	23.4		ug/L		73	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	29.0	J	ug/L		91	8 - 158
Butyl benzyl phthalate	32.0	29.8		ug/L		93	1 - 152
Chrysene	32.0	32.4		ug/L		101	17 - 168
Dibenz(a,h)anthracene	32.0	32.1		ug/L		100	1 - 227
Diethyl phthalate	32.0	26.8		ug/L		84	1 - 120
Dimethyl phthalate	32.0	27.8		ug/L		87	1 - 120

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726825/2-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	32.0	27.1		ug/L		85	1 - 120
Di-n-octyl phthalate	32.0	29.1		ug/L		91	4 - 146
Fluoranthene	32.0	31.4		ug/L		98	26 - 137
Fluorene	32.0	26.0		ug/L		81	59 - 121
Hexachlorobenzene	32.0	25.1		ug/L		79	1 - 152
Hexachlorocyclopentadiene	32.0	14.3	J	ug/L		45	5 - 120
Hexachloroethane	32.0	20.9		ug/L		65	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.6		ug/L		99	1 - 171
Isophorone	32.0	24.2		ug/L		76	21 - 196
Naphthalene	32.0	24.1		ug/L		75	21 - 133
Nitrobenzene	32.0	23.2		ug/L		73	35 - 180
N-Nitrosodi-n-propylamine	32.0	22.2		ug/L		69	1 - 230
N-Nitrosodiphenylamine	32.0	26.1		ug/L		81	54 - 125
Pentachlorophenol	64.0	45.8		ug/L		72	14 - 176
Phenanthrene	32.0	28.1		ug/L		88	54 - 120
Phenol	32.0	13.4	J	ug/L		42	5 - 120
Pyrene	32.0	33.6		ug/L		105	52 - 120
2,6-Dinitrotoluene	32.0	28.0		ug/L		88	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	71		52 - 151
2-Fluorobiphenyl	74		44 - 120
2-Fluorophenol	52		17 - 120
Nitrobenzene-d5	63		15 - 314
Phenol-d5	40		8 - 424
p-Terphenyl-d14	89		22 - 125

Lab Sample ID: LCSD 480-726825/3-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	25.6	J	ug/L		80	44 - 142	2	34
1,2-Dichlorobenzene	32.0	24.5	J	ug/L		76	32 - 129	9	38
1,3-Dichlorobenzene	32.0	24.3	J	ug/L		76	1 - 172	9	37
1,4-Dichlorobenzene	32.0	24.0	J	ug/L		75	20 - 124	8	40
2,2'-oxybis[1-chloropropane]	32.0	20.4		ug/L		64	36 - 166	12	36
2,4,6-Trichlorophenol	32.0	25.0		ug/L		78	37 - 144	1	20
2,4-Dichlorophenol	32.0	24.6		ug/L		77	39 - 135	1	23
2,4-Dimethylphenol	32.0	23.5		ug/L		73	32 - 120	0	18
2,4-Dinitrophenol	64.0	45.5		ug/L		71	1 - 191	10	29
2,4-Dinitrotoluene	32.0	28.0		ug/L		87	39 - 139	6	20
2-Chloronaphthalene	32.0	23.9		ug/L		75	60 - 120	2	30
2-Chlorophenol	32.0	23.1		ug/L		72	23 - 134	9	26
2-Nitrophenol	32.0	26.6		ug/L		83	29 - 182	5	28
3,3'-Dichlorobenzidine	32.0	26.6		ug/L		83	1 - 262	8	31
4,6-Dinitro-2-methylphenol	64.0	47.2		ug/L		74	1 - 181	9	30
4-Bromophenyl phenyl ether	32.0	28.2		ug/L		88	53 - 127	2	16

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCSD 480-726825/3-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	32.0	25.6		ug/L		80	22 - 147	1	16
4-Chlorophenyl phenyl ether	32.0	25.7		ug/L		80	25 - 158	6	15
4-Nitrophenol	64.0	36.9	J	ug/L		58	1 - 132	11	24
Acenaphthene	32.0	22.8		ug/L		71	47 - 145	4	25
Acenaphthylene	32.0	25.8		ug/L		81	33 - 145	1	22
Aniline	32.0	16.8	J	ug/L		52	40 - 120	7	30
Anthracene	32.0	28.3		ug/L		89	27 - 133	0	15
Benzo[a]anthracene	32.0	29.8		ug/L		93	33 - 143	7	15
Benzo[a]pyrene	32.0	28.3		ug/L		88	17 - 163	12	15
Benzo[b]fluoranthene	32.0	27.8		ug/L		87	24 - 159	13	17
Benzo[g,h,i]perylene	32.0	28.3		ug/L		88	1 - 219	10	19
Benzo[k]fluoranthene	32.0	30.0		ug/L		94	11 - 162	13	19
Bis(2-chloroethoxy)methane	32.0	24.5		ug/L		77	33 - 184	3	23
Bis(2-chloroethyl)ether	32.0	23.8		ug/L		74	12 - 158	2	33
Bis(2-ethylhexyl) phthalate	32.0	26.6	J	ug/L		83	8 - 158	9	15
Butyl benzyl phthalate	32.0	27.8		ug/L		87	1 - 152	7	15
Chrysene	32.0	29.5		ug/L		92	17 - 168	9	15
Dibenz(a,h)anthracene	32.0	27.7		ug/L		87	1 - 227	15	18
Diethyl phthalate	32.0	23.2		ug/L		72	1 - 120	14	15
Dimethyl phthalate	32.0	26.8		ug/L		84	1 - 120	4	15
Di-n-butyl phthalate	32.0	24.8		ug/L		77	1 - 120	9	15
Di-n-octyl phthalate	32.0	26.7		ug/L		83	4 - 146	8	15
Fluoranthene	32.0	29.7		ug/L		93	26 - 137	5	15
Fluorene	32.0	24.9		ug/L		78	59 - 121	5	18
Hexachlorobenzene	32.0	26.0		ug/L		81	1 - 152	3	15
Hexachlorocyclopentadiene	32.0	15.6	J	ug/L		49	5 - 120	9	50
Hexachloroethane	32.0	22.7		ug/L		71	40 - 120	9	43
Indeno[1,2,3-cd]pyrene	32.0	28.0		ug/L		88	1 - 171	12	17
Isophorone	32.0	24.5		ug/L		77	21 - 196	1	21
Naphthalene	32.0	25.3		ug/L		79	21 - 133	5	31
Nitrobenzene	32.0	23.0		ug/L		72	35 - 180	1	27
N-Nitrosodi-n-propylamine	32.0	22.9		ug/L		72	1 - 230	3	23
N-Nitrosodiphenylamine	32.0	26.9		ug/L		84	54 - 125	3	15
Pentachlorophenol	64.0	43.3		ug/L		68	14 - 176	6	21
Phenanthrene	32.0	27.4		ug/L		86	54 - 120	2	16
Phenol	32.0	14.3	J	ug/L		45	5 - 120	6	36
Pyrene	32.0	30.2		ug/L		94	52 - 120	11	15
2,6-Dinitrotoluene	32.0	27.9		ug/L		87	50 - 158	0	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	71		52 - 151
2-Fluorobiphenyl	75		44 - 120
2-Fluorophenol	55		17 - 120
Nitrobenzene-d5	64		15 - 314
Phenol-d5	43		8 - 424
p-Terphenyl-d14	82		22 - 125

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726627/1-A

Matrix: Water

Analysis Batch: 726696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1221	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1232	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1242	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1248	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1254	ND		0.060	0.031	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1260	ND		0.060	0.031	ug/L		09/30/24 13:14	10/01/24 11:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		10 - 120				09/30/24 13:14	10/01/24 11:33	1
Tetrachloro-m-xylene	77		10 - 126				09/30/24 13:14	10/01/24 11:33	1

Lab Sample ID: LCS 480-726627/2-A

Matrix: Water

Analysis Batch: 726696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	0.944		ug/L		94	69 - 123
PCB-1260	1.00	0.899		ug/L		90	69 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	44		10 - 120				
Tetrachloro-m-xylene	74		10 - 126				

Lab Sample ID: LCSD 480-726627/3-A

Matrix: Water

Analysis Batch: 726696

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726627

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	1.00	0.953		ug/L		95	69 - 123	1	30
PCB-1260	1.00	0.871		ug/L		87	69 - 120	3	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	42		10 - 120						
Tetrachloro-m-xylene	73		10 - 126						

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-726527/1-A

Matrix: Water

Analysis Batch: 726688

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726527

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		09/30/24 08:02	09/30/24 18:25	1
Copper	ND		0.010	0.0045	mg/L		09/30/24 08:02	09/30/24 18:25	1
Lead	ND		0.010	0.0039	mg/L		09/30/24 08:02	09/30/24 18:25	1
Nickel	ND		0.010	0.0034	mg/L		09/30/24 08:02	09/30/24 18:25	1
Zinc	0.0151		0.010	0.0068	mg/L		09/30/24 08:02	09/30/24 18:25	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: LCS 480-726527/2-A

Matrix: Water

Analysis Batch: 726688

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.512		mg/L		102	85 - 115
Copper	0.500	0.502		mg/L		100	85 - 115
Lead	0.500	0.491		mg/L		98	85 - 115
Nickel	0.500	0.521		mg/L		104	85 - 115
Zinc	0.500	0.553		mg/L		111	85 - 115

Lab Sample ID: 480-223804-3 MS

Matrix: Water

Analysis Batch: 726688

Client Sample ID: BCC BSA SUMP-EFFLUENT

Prep Type: Total/NA

Prep Batch: 726527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	ND		0.500	0.504		mg/L		101	70 - 130
Copper	0.0046	J	0.500	0.535		mg/L		106	70 - 130
Lead	ND		0.500	0.503		mg/L		101	70 - 130
Nickel	0.0041	J	0.500	0.520		mg/L		103	70 - 130
Zinc	ND		0.500	0.537		mg/L		107	70 - 130

Lab Sample ID: 480-223804-3 MSD

Matrix: Water

Analysis Batch: 726688

Client Sample ID: BCC BSA SUMP-EFFLUENT

Prep Type: Total/NA

Prep Batch: 726527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	ND		0.500	0.507		mg/L		101	70 - 130	0	20
Copper	0.0046	J	0.500	0.538		mg/L		107	70 - 130	1	20
Lead	ND		0.500	0.502		mg/L		100	70 - 130	0	20
Nickel	0.0041	J	0.500	0.532		mg/L		106	70 - 130	2	20
Zinc	ND		0.500	0.538		mg/L		108	70 - 130	0	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-726564/1-A

Matrix: Water

Analysis Batch: 726644

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/30/24 10:04	09/30/24 13:26	1

Lab Sample ID: LCS 480-726564/2-A

Matrix: Water

Analysis Batch: 726644

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00690		mg/L		103	85 - 115

Lab Sample ID: LCSD 480-726564/3-A

Matrix: Water

Analysis Batch: 726644

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726564

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00669	0.00618		mg/L		92	85 - 115	11	20

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-727121/46

Matrix: Water

Analysis Batch: 727121

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			10/04/24 10:12	1

Lab Sample ID: LCS 480-727121/47

Matrix: Water

Analysis Batch: 727121

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	0.113	*+ ^+	mg/L		113	90 - 110

Lab Sample ID: 480-223804-3 MS

Matrix: Water

Analysis Batch: 727121

Client Sample ID: BCC BSA SUMP-EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	ND	*+ ^+ F1	0.100	0.138	F1 ^+	mg/L		138	90 - 110

Lab Sample ID: MB 480-727147/8

Matrix: Water

Analysis Batch: 727147

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			10/04/24 13:35	1

Lab Sample ID: LCS 480-727147/9

Matrix: Water

Analysis Batch: 727147

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	0.0977		mg/L		98	90 - 110

Lab Sample ID: 480-223804-1 DU

Matrix: Water

Analysis Batch: 727147

Client Sample ID: BCC BSA SUMP-INFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Phenolics, Total Recoverable	0.021		0.0205		mg/L		3	20

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

Lab Sample ID: MB 480-726588/1

Matrix: Water

Analysis Batch: 726588

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			09/30/24 09:43	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726588/2

Matrix: Water

Analysis Batch: 726588

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	252	246.8		mg/L		98	88 - 110

Lab Sample ID: 480-223804-3 DU

Matrix: Water

Analysis Batch: 726588

Client Sample ID: BCC BSA SUMP-EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	ND		ND		mg/L		NC	10

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-726543/1

Matrix: Water

Analysis Batch: 726543

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 480-726788/3

Matrix: Water

Analysis Batch: 726788

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			10/01/24 19:46	1

Lab Sample ID: LCS 480-726788/4

Matrix: Water

Analysis Batch: 726788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-726525/1

Matrix: Water

Analysis Batch: 726525

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			09/28/24 14:15	1

Lab Sample ID: LCS 480-726525/2

Matrix: Water

Analysis Batch: 726525

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	200	246.7	*+	mg/L		124	85 - 115

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: 480-223804-3 DU

Matrix: Water

Analysis Batch: 726525

Client Sample ID: BCC BSA SUMP-EFFLUENT

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

Lab Sample ID: USB 480-727052/1

Matrix: Water

Analysis Batch: 727052

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			10/03/24 13:15	1

Lab Sample ID: LCS 480-727052/2

Matrix: Water

Analysis Batch: 727052

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	186.6		mg/L		94	85 - 115

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

GC/MS VOA

Analysis Batch: 726617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-2	TRIP BLANK	Total/NA	Water	624.1	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	624.1	
MB 480-726617/8	Method Blank	Total/NA	Water	624.1	
LCS 480-726617/6	Lab Control Sample	Total/NA	Water	624.1	

Analysis Batch: 726771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	624.1	
MB 480-726771/8	Method Blank	Total/NA	Water	624.1	
LCS 480-726771/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 726825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	625	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	625	
MB 480-726825/1-A	Method Blank	Total/NA	Water	625	
LCS 480-726825/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-726825/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 726979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	625.1	726825
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	625.1	726825
MB 480-726825/1-A	Method Blank	Total/NA	Water	625.1	726825
LCS 480-726825/2-A	Lab Control Sample	Total/NA	Water	625.1	726825
LCSD 480-726825/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	726825

GC Semi VOA

Prep Batch: 726627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	3510C	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	3510C	
MB 480-726627/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-726627/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-726627/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 726696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	608.3	726627
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	608.3	726627
MB 480-726627/1-A	Method Blank	Total/NA	Water	608.3	726627
LCS 480-726627/2-A	Lab Control Sample	Total/NA	Water	608.3	726627
LCSD 480-726627/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	726627

Metals

Prep Batch: 726527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	200.7	

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QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Metals (Continued)

Prep Batch: 726527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7	
MB 480-726527/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-726527/2-A	Lab Control Sample	Total/NA	Water	200.7	
480-223804-3 MS	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7	
480-223804-3 MSD	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7	

Prep Batch: 726564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	245.1	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	245.1	
MB 480-726564/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-726564/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 480-726564/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	

Analysis Batch: 726644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	245.1	726564
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	245.1	726564
MB 480-726564/1-A	Method Blank	Total/NA	Water	245.1	726564
LCS 480-726564/2-A	Lab Control Sample	Total/NA	Water	245.1	726564
LCSD 480-726564/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	726564

Analysis Batch: 726688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	200.7 Rev 4.4	726527
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7 Rev 4.4	726527
MB 480-726527/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	726527
LCS 480-726527/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	726527
480-223804-3 MS	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7 Rev 4.4	726527
480-223804-3 MSD	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7 Rev 4.4	726527

General Chemistry

Analysis Batch: 726525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 5210B	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 5210B	
USB 480-726525/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-726525/2	Lab Control Sample	Total/NA	Water	SM 5210B	
480-223804-3 DU	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 5210B	

Analysis Batch: 726543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 4500 H+ B	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 480-726543/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 726588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 2540D	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 2540D	

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

General Chemistry (Continued)

Analysis Batch: 726588 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-726588/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-726588/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-223804-3 DU	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 2540D	

Analysis Batch: 726788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 4500 P E	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 4500 P E	
MB 480-726788/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-726788/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 727052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 5210B	
USB 480-727052/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-727052/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 727121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	420.4	
MB 480-727121/46	Method Blank	Total/NA	Water	420.4	
LCS 480-727121/47	Lab Control Sample	Total/NA	Water	420.4	
480-223804-3 MS	BCC BSA SUMP-EFFLUENT	Total/NA	Water	420.4	

Analysis Batch: 727147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	420.4	
MB 480-727147/8	Method Blank	Total/NA	Water	420.4	
LCS 480-727147/9	Lab Control Sample	Total/NA	Water	420.4	
480-223804-1 DU	BCC BSA SUMP-INFLUENT	Total/NA	Water	420.4	

Analysis Batch: 727250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 727251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		40	726771	AXK	EET BUF	10/01/24 20:14
Total/NA	Prep	625			726825	JMP	EET BUF	10/02/24 09:12
Total/NA	Analysis	625.1		5	726979	AF	EET BUF	10/03/24 17:28
Total/NA	Prep	3510C			726627	LSC	EET BUF	09/30/24 13:14
Total/NA	Analysis	608.3		1	726696	DSC	EET BUF	10/01/24 12:46
Total/NA	Prep	200.7			726527	ET	EET BUF	09/30/24 08:02
Total/NA	Analysis	200.7 Rev 4.4		1	726688	BMB	EET BUF	09/30/24 18:29
Total/NA	Prep	245.1			726564	ESB	EET BUF	09/30/24 10:04
Total/NA	Analysis	245.1		1	726644	ESB	EET BUF	09/30/24 13:58
Total/NA	Analysis	420.4		1	727147	CLT	EET BUF	10/04/24 13:50
Total/NA	Analysis	SM 2540D		1	726588	AB	EET BUF	09/30/24 09:43
Total/NA	Analysis	SM 4500 CN G		1	727251	DLG	EET BUF	10/05/24 17:30
Total/NA	Analysis	SM 4500 H+ B		1	726543	KB	EET BUF	09/29/24 14:20
Total/NA	Analysis	SM 4500 P E		1	726788	GW	EET BUF	10/01/24 19:46
Total/NA	Analysis	SM 5210B		1	726525	CG	EET BUF	09/28/24 14:15
Total/NA	Analysis	SM 5210B		1	727052	KO	EET BUF	10/03/24 13:15

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223804-2

Date Collected: 09/27/24 00:00

Matrix: Water

Date Received: 09/28/24 16:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	726617	AXK	EET BUF	09/30/24 15:09

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	726617	AXK	EET BUF	09/30/24 15:33
Total/NA	Prep	625			726825	JMP	EET BUF	10/02/24 09:12
Total/NA	Analysis	625.1		1	726979	AF	EET BUF	10/03/24 17:55
Total/NA	Prep	3510C			726627	LSC	EET BUF	09/30/24 13:14
Total/NA	Analysis	608.3		1	726696	DSC	EET BUF	10/01/24 13:04
Total/NA	Prep	200.7			726527	ET	EET BUF	09/30/24 08:02
Total/NA	Analysis	200.7 Rev 4.4		1	726688	BMB	EET BUF	09/30/24 18:30
Total/NA	Prep	245.1			726564	ESB	EET BUF	09/30/24 10:04
Total/NA	Analysis	245.1		1	726644	ESB	EET BUF	09/30/24 13:59
Total/NA	Analysis	420.4		1	727121	CLT	EET BUF	10/04/24 11:13
Total/NA	Analysis	SM 2540D		1	726588	AB	EET BUF	09/30/24 09:43
Total/NA	Analysis	SM 4500 CN G		1	727250	DLG	EET BUF	10/04/24 17:03
Total/NA	Analysis	SM 4500 H+ B		1	726543	KB	EET BUF	09/29/24 14:22
Total/NA	Analysis	SM 4500 P E		1	726788	GW	EET BUF	10/01/24 19:46

Eurofins Buffalo

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT
Date Collected: 09/27/24 12:00
Date Received: 09/28/24 16:46

Lab Sample ID: 480-223804-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5210B		1	726525	CG	EET BUF	09/28/24 14:15

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

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Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
245.1	245.1	Water	Mercury
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: 480-223804-1

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: 480-223804-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223804-1	BCC BSA SUMP-INFLUENT	Water	09/27/24 12:05	09/28/24 16:46
480-223804-2	TRIP BLANK	Water	09/27/24 00:00	09/28/24 16:46
480-223804-3	BCC BSA SUMP-EFFLUENT	Water	09/27/24 12:00	09/28/24 16:46

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-223804-1

Login Number: 223804

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	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ATTACHMENT E - DISCHARGE MONITORING REPORTS





January 31, 2024

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, 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: October 1, 2023 through December 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-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:

October 2023	363,636 gallons
November 2023	320,889 gallons
December 2023	343,835 gallons

Total Quarterly Discharge 1,028,360 gallons

Estimated Area D contribution this period:
2,138 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:	11/21/2023	
Sample Location:	Onsite Pump Station to BSA	

Year: 2023
Month: DEC

Event Group: SUMP
Lab Job ID: J215099-1

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	0.034	0.010	mg/L	0.003	lbs/day	1.67	lbs/day	Yes	20	0.034	Yes
Total Chromium	7440-47-3	0.0043	0.0040	mg/L	0.0004	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	0.11	0.0050	mg/L	0.0104	lbs/day	0.541	lbs/day	Yes	65	0.1100	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	0.0013	0.010	mg/L	0.0001	lbs/day	1.17	lbs/day	Yes	14	0.0013	Yes
Zinc	7440-66-6	0.0035	0.010	mg/L	0.000	lbs/day	2.046	lbs/day	Yes	25	0.004	Yes
Amendable Cyanide	CAN	0.067	0.010	mg/L	0.006	lbs/day	2.59	lbs/day	Yes	6.2	0.067	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	13	40	ug/L	1.229	lbs/day	50	lbs/day	Yes	0.01	0.0130	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	2	5	ug/L	0.0002	lbs/day	0.129	lbs/day	Yes	0.31	0.00	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	25	ug/L	0.040	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	95.6	4.0	mg/L	95.6	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.45	0.010	mg/L	0.450	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	7.863995726	-	gpm	11,324	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	66,700,881	10/1/2023
Final Reading	67,731,379	12/31/2023
Total Days in Period	91	
Total Flow for Period	1,030,498	gallons
Average Flow for Period	7.86	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.

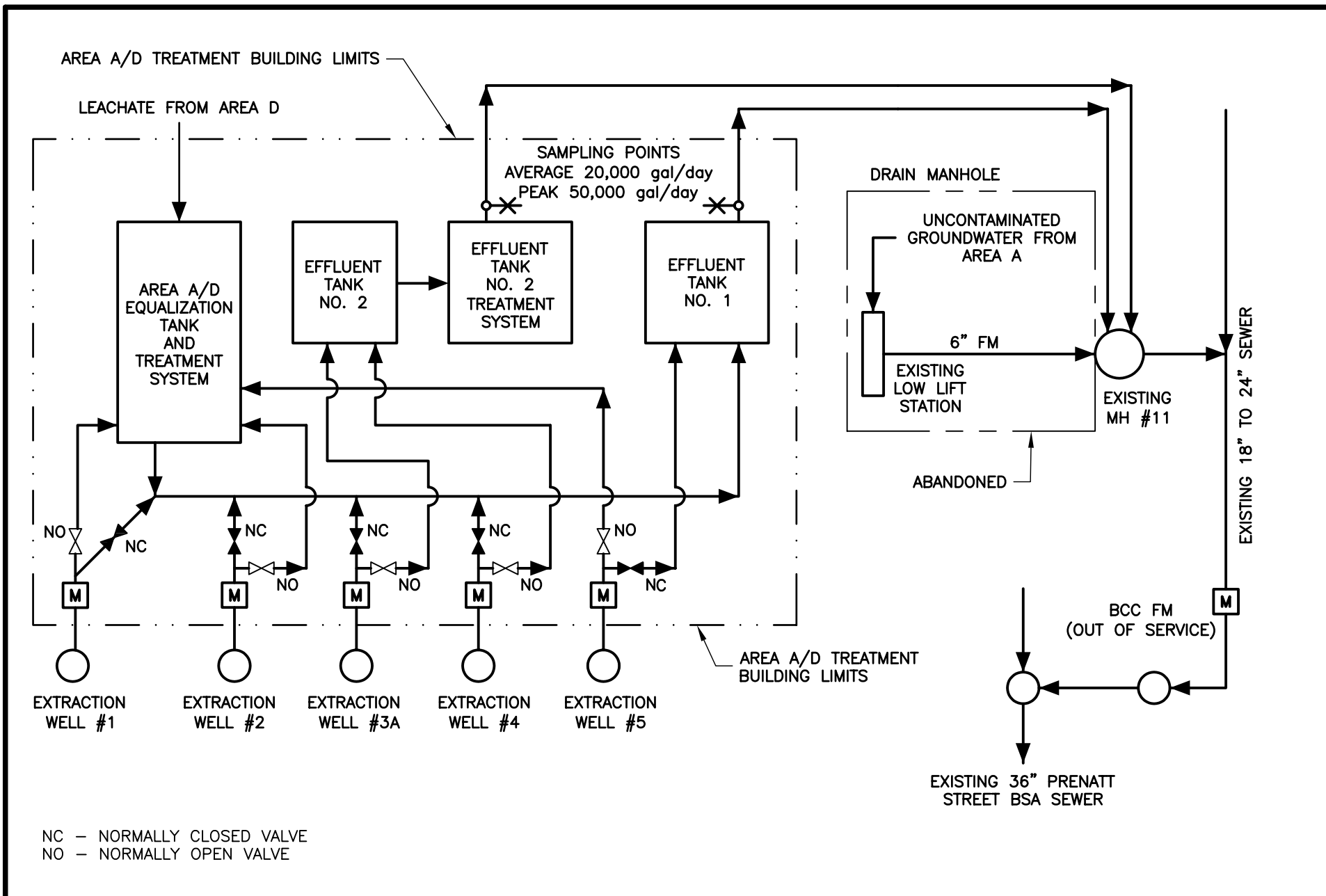
G. CONFIDENTIALITY

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 12/1/2023 12:21:21 PM

JOB DESCRIPTION

OSC- Former Buffalo Color Sites - 37745
Buffalo Color - Quarterly Sump
Mining Surface Water (Monthly)

JOB NUMBER

480-215099-1

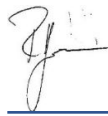
Eurofins Buffalo

Job Notes

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

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

Authorization



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Definitions/Glossary

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

Job ID: 480-215099-1

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
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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.
□	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: OSC- Former Buffalo Color Sites - 37745

Job ID: 480-215099-1

Job ID: 480-215099-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-215099-1

Receipt

The samples were received on 11/21/2023 3:20 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 2.6° C.

GC/MS VOA

Method 624.1: The following Volatile sample was composited by the laboratory on 11/22/2023 as requested by the client: BCC BSA SUMP (480-215099-1).

Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

Method 624.1: The continuing calibration verification (CCV) associated with batch 480-693121 recovered above the upper control limit for 1,1,1-Trichloroethane, Carbon tetrachloride and Trichlorofluoromethane. 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 (480-215099-1) and TRIP BLANK (480-215099-2).

Method 624.1: The method blank for 693121 contained Methylene Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

GC/MS Semi VOA

Method 625.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-693322 and analytical batch 480-693404 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

Methods 245.1, 7470A: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): BCC BSA SUMP (480-215099-1). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 1/2 dilution, which maintained the purple color during digestion.

Method 245.1: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): BCC BSA SUMP (480-215099-1). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 1/3 dilution, which maintained the purple color during digestion.

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 480-693180. The method holding time had expired, therefore the analysis was not repeated. The data was 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 (480-215099-1).

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

Case Narrative

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

Job ID: 480-215099-1

Job ID: 480-215099-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

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 480-693260.

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

Detection Summary

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

Job ID: 480-215099-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-215099-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2.0	J	5.0	0.48	ug/L	1		624.1	Total/NA
Aniline	13	J	42	1.6	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	25	*1	21	1.7	ug/L	1		625.1	Total/NA
Chromium	0.0043		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.11		0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0035	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	95.6		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.067		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	19.0	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.45		0.020	0.010	mg/L as P	2		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215099-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.48	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: OSC- Former Buffalo Color Sites - 37745

Job ID: 480-215099-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-215099-1

Date Collected: 11/21/23 10:00

Matrix: Water

Date Received: 11/21/23 15:20

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			11/22/23 15:54	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			11/22/23 15:54	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/22/23 15:54	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			11/22/23 15:54	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/22/23 15:54	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/22/23 15:54	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/22/23 15:54	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			11/22/23 15:54	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/22/23 15:54	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/22/23 15:54	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/22/23 15:54	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/22/23 15:54	1
Acrolein	ND		100	17	ug/L			11/22/23 15:54	1
Acrylonitrile	ND		50	1.9	ug/L			11/22/23 15:54	1
Benzene	ND		5.0	0.60	ug/L			11/22/23 15:54	1
Bromodichloromethane	ND		5.0	0.54	ug/L			11/22/23 15:54	1
Bromoform	ND		5.0	0.47	ug/L			11/22/23 15:54	1
Bromomethane	ND		5.0	1.2	ug/L			11/22/23 15:54	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/22/23 15:54	1
Chlorobenzene	2.0	J	5.0	0.48	ug/L			11/22/23 15:54	1
Chloroethane	ND		5.0	0.87	ug/L			11/22/23 15:54	1
Chloroform	ND		5.0	0.54	ug/L			11/22/23 15:54	1
Chloromethane	ND		5.0	0.64	ug/L			11/22/23 15:54	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/22/23 15:54	1
Dibromochloromethane	ND		5.0	0.41	ug/L			11/22/23 15:54	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/22/23 15:54	1
Methylene Chloride	ND		5.0	0.81	ug/L			11/22/23 15:54	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/22/23 15:54	1
Toluene	ND		5.0	0.45	ug/L			11/22/23 15:54	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/22/23 15:54	1
Trichloroethene	ND		5.0	0.60	ug/L			11/22/23 15:54	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			11/22/23 15:54	1
Vinyl chloride	ND		5.0	0.75	ug/L			11/22/23 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 130		11/22/23 15:54	1
4-Bromofluorobenzene (Surr)	101		76 - 123		11/22/23 15:54	1
Dibromofluoromethane (Surr)	105		75 - 123		11/22/23 15:54	1
Toluene-d8 (Surr)	104		77 - 120		11/22/23 15:54	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		11/27/23 14:08	11/28/23 16:13	1
1,2-Dichlorobenzene	ND		42	1.1	ug/L		11/27/23 14:08	11/28/23 16:13	1
1,2-Diphenylhydrazine	ND		42	0.81	ug/L		11/27/23 14:08	11/28/23 16:13	1
1,3-Dichlorobenzene	ND		42	0.72	ug/L		11/27/23 14:08	11/28/23 16:13	1
1,4-Dichlorobenzene	ND		42	0.85	ug/L		11/27/23 14:08	11/28/23 16:13	1
2,2'-oxybis[1-chloropropane]	ND		21	0.88	ug/L		11/27/23 14:08	11/28/23 16:13	1
2,4,6-Trichlorophenol	ND	*1	21	1.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
2,4-Dichlorophenol	ND		21	0.80	ug/L		11/27/23 14:08	11/28/23 16:13	1

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Client Sample Results

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

Job ID: 480-215099-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-215099-1

Date Collected: 11/21/23 10:00

Matrix: Water

Date Received: 11/21/23 15:20

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	21	1.5	ug/L		11/27/23 14:08	11/28/23 16:13	1
2,4-Dinitrophenol	ND		42	5.2	ug/L		11/27/23 14:08	11/28/23 16:13	1
2,4-Dinitrotoluene	ND		21	1.7	ug/L		11/27/23 14:08	11/28/23 16:13	1
2-Chloronaphthalene	ND		21	0.95	ug/L		11/27/23 14:08	11/28/23 16:13	1
2-Chlorophenol	ND		21	0.69	ug/L		11/27/23 14:08	11/28/23 16:13	1
2-Nitrophenol	ND		21	0.73	ug/L		11/27/23 14:08	11/28/23 16:13	1
3,3'-Dichlorobenzidine	ND		21	1.7	ug/L		11/27/23 14:08	11/28/23 16:13	1
4,6-Dinitro-2-methylphenol	ND		42	1.9	ug/L		11/27/23 14:08	11/28/23 16:13	1
4-Bromophenyl phenyl ether	ND	*1	21	1.5	ug/L		11/27/23 14:08	11/28/23 16:13	1
4-Chloro-3-methylphenol	ND	*1	21	1.1	ug/L		11/27/23 14:08	11/28/23 16:13	1
4-Chlorophenyl phenyl ether	ND	*1	21	1.4	ug/L		11/27/23 14:08	11/28/23 16:13	1
4-Nitrophenol	ND		42	2.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
Acenaphthene	ND		21	0.84	ug/L		11/27/23 14:08	11/28/23 16:13	1
Acenaphthylene	ND		21	0.91	ug/L		11/27/23 14:08	11/28/23 16:13	1
Aniline	13	J	42	1.6	ug/L		11/27/23 14:08	11/28/23 16:13	1
Anthracene	ND	*1	21	1.5	ug/L		11/27/23 14:08	11/28/23 16:13	1
Benzidine	ND		330	56	ug/L		11/27/23 14:08	11/28/23 16:13	1
Benzo[a]anthracene	ND	*1	21	1.1	ug/L		11/27/23 14:08	11/28/23 16:13	1
Benzo[a]pyrene	ND	*1	21	1.4	ug/L		11/27/23 14:08	11/28/23 16:13	1
Benzo[b]fluoranthene	ND		21	1.3	ug/L		11/27/23 14:08	11/28/23 16:13	1
Benzo[g,h,i]perylene	ND		21	1.6	ug/L		11/27/23 14:08	11/28/23 16:13	1
Benzo[k]fluoranthene	ND		21	1.4	ug/L		11/27/23 14:08	11/28/23 16:13	1
Bis(2-chloroethoxy)methane	ND		21	0.78	ug/L		11/27/23 14:08	11/28/23 16:13	1
Bis(2-chloroethyl)ether	ND		21	0.97	ug/L		11/27/23 14:08	11/28/23 16:13	1
Bis(2-ethylhexyl) phthalate	ND	*1	42	1.3	ug/L		11/27/23 14:08	11/28/23 16:13	1
Butyl benzyl phthalate	ND	*1	21	1.1	ug/L		11/27/23 14:08	11/28/23 16:13	1
Chrysene	ND	*1	21	1.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
Dibenz(a,h)anthracene	ND		21	1.6	ug/L		11/27/23 14:08	11/28/23 16:13	1
Diethyl phthalate	ND		21	1.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
Dimethyl phthalate	ND		21	0.95	ug/L		11/27/23 14:08	11/28/23 16:13	1
Di-n-butyl phthalate	25	*1	21	1.7	ug/L		11/27/23 14:08	11/28/23 16:13	1
Di-n-octyl phthalate	ND	*1	21	1.3	ug/L		11/27/23 14:08	11/28/23 16:13	1
Fluoranthene	ND	*1	21	1.7	ug/L		11/27/23 14:08	11/28/23 16:13	1
Fluorene	ND		21	1.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
Hexachlorobenzene	ND	*1	21	1.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
Hexachlorobutadiene	ND		21	1.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
Hexachlorocyclopentadiene	ND		21	2.2	ug/L		11/27/23 14:08	11/28/23 16:13	1
Hexachloroethane	ND		21	0.63	ug/L		11/27/23 14:08	11/28/23 16:13	1
Indeno[1,2,3-cd]pyrene	ND		21	1.6	ug/L		11/27/23 14:08	11/28/23 16:13	1
Isophorone	ND		21	0.77	ug/L		11/27/23 14:08	11/28/23 16:13	1
Naphthalene	ND		21	0.90	ug/L		11/27/23 14:08	11/28/23 16:13	1
Decane	ND		42	1.7	ug/L		11/27/23 14:08	11/28/23 16:13	1
Nitrobenzene	ND		21	0.84	ug/L		11/27/23 14:08	11/28/23 16:13	1
N-Nitrosodimethylamine	ND		42	0.59	ug/L		11/27/23 14:08	11/28/23 16:13	1
N-Nitrosodi-n-propylamine	ND		21	0.93	ug/L		11/27/23 14:08	11/28/23 16:13	1
N-Nitrosodiphenylamine	ND	*1	21	0.85	ug/L		11/27/23 14:08	11/28/23 16:13	1
n-Octadecane	ND		42	1.3	ug/L		11/27/23 14:08	11/28/23 16:13	1
Pentachlorophenol	ND		42	3.3	ug/L		11/27/23 14:08	11/28/23 16:13	1
Phenanthrene	ND	*1	21	1.3	ug/L		11/27/23 14:08	11/28/23 16:13	1

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Client Sample Results

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

Job ID: 480-215099-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-215099-1

Date Collected: 11/21/23 10:00

Matrix: Water

Date Received: 11/21/23 15:20

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		11/27/23 14:08	11/28/23 16:13	1
Pyrene	ND	*1	21	1.5	ug/L		11/27/23 14:08	11/28/23 16:13	1
2,6-Dinitrotoluene	ND		21	1.0	ug/L		11/27/23 14:08	11/28/23 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		52 - 151				11/27/23 14:08	11/28/23 16:13	1
2-Fluorobiphenyl	84		44 - 120				11/27/23 14:08	11/28/23 16:13	1
2-Fluorophenol	58		17 - 120				11/27/23 14:08	11/28/23 16:13	1
Nitrobenzene-d5	76		15 - 314				11/27/23 14:08	11/28/23 16:13	1
Phenol-d5	46		8 - 424				11/27/23 14:08	11/28/23 16:13	1
p-Terphenyl-d14	81		22 - 125				11/27/23 14:08	11/28/23 16:13	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		11/27/23 09:20	11/29/23 04:07	1
PCB-1221	ND		0.057	0.036	ug/L		11/27/23 09:20	11/29/23 04:07	1
PCB-1232	ND		0.057	0.036	ug/L		11/27/23 09:20	11/29/23 04:07	1
PCB-1242	ND		0.057	0.036	ug/L		11/27/23 09:20	11/29/23 04:07	1
PCB-1248	ND		0.057	0.036	ug/L		11/27/23 09:20	11/29/23 04:07	1
PCB-1254	ND		0.057	0.030	ug/L		11/27/23 09:20	11/29/23 04:07	1
PCB-1260	ND		0.057	0.030	ug/L		11/27/23 09:20	11/29/23 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	38		36 - 121				11/27/23 09:20	11/29/23 04:07	1
Tetrachloro-m-xylene	78		42 - 135				11/27/23 09:20	11/29/23 04:07	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0043		0.0040	0.0010	mg/L		11/27/23 08:46	11/29/23 21:01	1
Copper	ND		0.010	0.0016	mg/L		11/27/23 08:46	11/29/23 21:01	1
Lead	0.11		0.010	0.0030	mg/L		11/27/23 08:46	11/29/23 21:01	1
Nickel	0.0013	J	0.010	0.0013	mg/L		11/27/23 08:46	11/29/23 21:01	1
Zinc	0.0035	J	0.010	0.0015	mg/L		11/27/23 08:46	11/29/23 21:01	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00060	0.00013	mg/L		11/29/23 11:32	11/29/23 15:05	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			11/28/23 19:59	1
Cyanide, Amenable (SM 4500 CN G)	0.067		0.010	0.0050	mg/L			11/28/23 21:44	1
Phosphorus (SM 4500 P E)	0.45		0.020	0.010	mg/L as P			11/26/23 11:54	2
Biochemical Oxygen Demand (SM 5210B)	ND	*-	2.0	2.0	mg/L			11/22/23 12:20	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	95.6		4.0	4.0	mg/L			11/28/23 10:47	1
pH (SM 4500 H+ B)	8.1	HF	0.1	0.1	SU			11/22/23 17:24	1
Temperature (SM 4500 H+ B)	19.0	HF	0.001	0.001	Degrees C			11/22/23 17:24	1

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Client Sample Results

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

Job ID: 480-215099-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215099-2

Date Collected: 11/21/23 10:00

Matrix: Water

Date Received: 11/21/23 15:20

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			11/22/23 16:18	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			11/22/23 16:18	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/22/23 16:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			11/22/23 16:18	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/22/23 16:18	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/22/23 16:18	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/22/23 16:18	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			11/22/23 16:18	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/22/23 16:18	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/22/23 16:18	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/22/23 16:18	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/22/23 16:18	1
Acrolein	ND		100	17	ug/L			11/22/23 16:18	1
Acrylonitrile	ND		100	1.9	ug/L			11/22/23 16:18	1
Benzene	ND		5.0	0.60	ug/L			11/22/23 16:18	1
Bromodichloromethane	ND		5.0	0.54	ug/L			11/22/23 16:18	1
Bromoform	ND		5.0	0.47	ug/L			11/22/23 16:18	1
Bromomethane	ND		5.0	1.2	ug/L			11/22/23 16:18	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/22/23 16:18	1
Chlorobenzene	0.48	J	5.0	0.48	ug/L			11/22/23 16:18	1
Chloroethane	ND		5.0	0.87	ug/L			11/22/23 16:18	1
Chloroform	ND		5.0	0.54	ug/L			11/22/23 16:18	1
Chloromethane	ND		5.0	0.64	ug/L			11/22/23 16:18	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/22/23 16:18	1
Dibromochloromethane	ND		5.0	0.41	ug/L			11/22/23 16:18	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/22/23 16:18	1
Methylene Chloride	ND		5.0	0.81	ug/L			11/22/23 16:18	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/22/23 16:18	1
Toluene	ND		5.0	0.45	ug/L			11/22/23 16:18	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/22/23 16:18	1
Trichloroethene	ND		5.0	0.60	ug/L			11/22/23 16:18	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			11/22/23 16:18	1
Vinyl chloride	ND		5.0	0.75	ug/L			11/22/23 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		68 - 130		11/22/23 16:18	1
4-Bromofluorobenzene (Surr)	101		76 - 123		11/22/23 16:18	1
Dibromofluoromethane (Surr)	107		75 - 123		11/22/23 16:18	1
Toluene-d8 (Surr)	106		77 - 120		11/22/23 16:18	1

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Surrogate Summary

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

Job ID: 480-215099-1

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)
480-215099-1	BCC BSA SUMP	104	101	105	104
480-215099-2	TRIP BLANK	106	101	107	106
LCS 480-693121/6	Lab Control Sample	107	105	103	105
MB 480-693121/8	Method Blank	106	102	104	105

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)
480-215099-1	BCC BSA SUMP	87	84	58	76	46	81
LCS 480-693322/2-A	Lab Control Sample	98	88	65	86	52	102
LCSD 480-693322/3-A	Lab Control Sample Dup	82	73	51	70	44	89
MB 480-693322/1-A	Method Blank	72	98	73	90	55	104

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)
480-215099-1	BCC BSA SUMP	38	78
LCS 480-693260/2-A	Lab Control Sample	60	87
LCSD 480-693260/3-A	Lab Control Sample Dup	59	92
MB 480-693260/1-A	Method Blank	54	81

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

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

Job ID: 480-215099-1

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

Lab Sample ID: MB 480-693121/8

Matrix: Water

Analysis Batch: 693121

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			11/22/23 15:18	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			11/22/23 15:18	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/22/23 15:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			11/22/23 15:18	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/22/23 15:18	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/22/23 15:18	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/22/23 15:18	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			11/22/23 15:18	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/22/23 15:18	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/22/23 15:18	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/22/23 15:18	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/22/23 15:18	1
Acrolein	ND		100	17	ug/L			11/22/23 15:18	1
Acrylonitrile	ND		50	1.9	ug/L			11/22/23 15:18	1
Benzene	ND		5.0	0.60	ug/L			11/22/23 15:18	1
Bromodichloromethane	ND		5.0	0.54	ug/L			11/22/23 15:18	1
Bromoform	ND		5.0	0.47	ug/L			11/22/23 15:18	1
Bromomethane	ND		5.0	1.2	ug/L			11/22/23 15:18	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/22/23 15:18	1
Chlorobenzene	ND		5.0	0.48	ug/L			11/22/23 15:18	1
Chloroethane	ND		5.0	0.87	ug/L			11/22/23 15:18	1
Chloroform	ND		5.0	0.54	ug/L			11/22/23 15:18	1
Chloromethane	ND		5.0	0.64	ug/L			11/22/23 15:18	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/22/23 15:18	1
Dibromochloromethane	ND		5.0	0.41	ug/L			11/22/23 15:18	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/22/23 15:18	1
Methylene Chloride	1.06	J	5.0	0.81	ug/L			11/22/23 15:18	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/22/23 15:18	1
Toluene	ND		5.0	0.45	ug/L			11/22/23 15:18	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/22/23 15:18	1
Trichloroethene	ND		5.0	0.60	ug/L			11/22/23 15:18	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			11/22/23 15:18	1
Vinyl chloride	ND		5.0	0.75	ug/L			11/22/23 15:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		68 - 130		11/22/23 15:18	1
4-Bromofluorobenzene (Surr)	102		76 - 123		11/22/23 15:18	1
Dibromofluoromethane (Surr)	104		75 - 123		11/22/23 15:18	1
Toluene-d8 (Surr)	105		77 - 120		11/22/23 15:18	1

Lab Sample ID: LCS 480-693121/6

Matrix: Water

Analysis Batch: 693121

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	24.9		ug/L		124	52 - 162
1,1,1,2-Tetrachloroethane	20.0	20.4		ug/L		102	46 - 157
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	52 - 150

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QC Sample Results

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

Job ID: 480-215099-1

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

Lab Sample ID: LCS 480-693121/6

Matrix: Water

Analysis Batch: 693121

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	20.9		ug/L		105	59 - 155
1,1-Dichloroethene	20.0	21.6		ug/L		108	1 - 234
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	18 - 190
1,2-Dichloroethane	20.0	21.5		ug/L		107	49 - 155
1,2-Dichloropropane	20.0	21.3		ug/L		107	1 - 210
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	59 - 156
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	18 - 190
2-Chloroethyl vinyl ether	20.0	21.4	J	ug/L		107	1 - 305
Acrolein	100	123		ug/L		123	10 - 176
Acrylonitrile	200	205		ug/L		103	54 - 147
Benzene	20.0	21.2		ug/L		106	37 - 151
Bromodichloromethane	20.0	22.0		ug/L		110	35 - 155
Bromoform	20.0	22.5		ug/L		112	45 - 169
Bromomethane	20.0	20.2		ug/L		101	1 - 242
Carbon tetrachloride	20.0	24.2		ug/L		121	70 - 140
Chlorobenzene	20.0	21.1		ug/L		106	37 - 160
Chloroethane	20.0	20.2		ug/L		101	14 - 230
Chloroform	20.0	21.3		ug/L		106	51 - 138
Chloromethane	20.0	20.1		ug/L		101	1 - 273
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	1 - 227
Dibromochloromethane	20.0	21.9		ug/L		110	53 - 149
Ethylbenzene	20.0	21.4		ug/L		107	37 - 162
Methylene Chloride	20.0	20.6		ug/L		103	1 - 221
Tetrachloroethene	20.0	22.1		ug/L		110	64 - 148
Toluene	20.0	21.5		ug/L		107	47 - 150
trans-1,3-Dichloropropene	20.0	21.9		ug/L		110	17 - 183
Trichloroethene	20.0	21.7		ug/L		109	71 - 157
Trichlorofluoromethane	20.0	32.0		ug/L		160	17 - 181
Vinyl chloride	20.0	25.2		ug/L		126	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		68 - 130
4-Bromofluorobenzene (Surr)	105		76 - 123
Dibromofluoromethane (Surr)	103		75 - 123
Toluene-d8 (Surr)	105		77 - 120

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

Lab Sample ID: MB 480-693322/1-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 693322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		11/27/23 14:08	11/28/23 14:50	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		11/27/23 14:08	11/28/23 14:50	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		11/27/23 14:08	11/28/23 14:50	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		11/27/23 14:08	11/28/23 14:50	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		11/27/23 14:08	11/28/23 14:50	1

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QC Sample Results

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

Job ID: 480-215099-1

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

Lab Sample ID: MB 480-693322/1-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 693322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		11/27/23 14:08	11/28/23 14:50	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		11/27/23 14:08	11/28/23 14:50	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		11/27/23 14:08	11/28/23 14:50	1
2-Chloronaphthalene	ND		20	0.91	ug/L		11/27/23 14:08	11/28/23 14:50	1
2-Chlorophenol	ND		20	0.66	ug/L		11/27/23 14:08	11/28/23 14:50	1
2-Nitrophenol	ND		20	0.70	ug/L		11/27/23 14:08	11/28/23 14:50	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		11/27/23 14:08	11/28/23 14:50	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		11/27/23 14:08	11/28/23 14:50	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		11/27/23 14:08	11/28/23 14:50	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		11/27/23 14:08	11/28/23 14:50	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		11/27/23 14:08	11/28/23 14:50	1
4-Nitrophenol	ND		40	1.9	ug/L		11/27/23 14:08	11/28/23 14:50	1
Acenaphthene	ND		20	0.81	ug/L		11/27/23 14:08	11/28/23 14:50	1
Acenaphthylene	ND		20	0.87	ug/L		11/27/23 14:08	11/28/23 14:50	1
Aniline	ND		40	1.5	ug/L		11/27/23 14:08	11/28/23 14:50	1
Anthracene	ND		20	1.4	ug/L		11/27/23 14:08	11/28/23 14:50	1
Benzidine	ND		320	54	ug/L		11/27/23 14:08	11/28/23 14:50	1
Benzo[a]anthracene	ND		20	1.1	ug/L		11/27/23 14:08	11/28/23 14:50	1
Benzo[a]pyrene	ND		20	1.3	ug/L		11/27/23 14:08	11/28/23 14:50	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		11/27/23 14:08	11/28/23 14:50	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		11/27/23 14:08	11/28/23 14:50	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		11/27/23 14:08	11/28/23 14:50	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		11/27/23 14:08	11/28/23 14:50	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		11/27/23 14:08	11/28/23 14:50	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		11/27/23 14:08	11/28/23 14:50	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		11/27/23 14:08	11/28/23 14:50	1
Chrysene	ND		20	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		11/27/23 14:08	11/28/23 14:50	1
Diethyl phthalate	ND		20	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
Dimethyl phthalate	ND		20	0.91	ug/L		11/27/23 14:08	11/28/23 14:50	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		11/27/23 14:08	11/28/23 14:50	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		11/27/23 14:08	11/28/23 14:50	1
Fluoranthene	ND		20	1.6	ug/L		11/27/23 14:08	11/28/23 14:50	1
Fluorene	ND		20	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
Hexachlorobenzene	ND		20	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
Hexachlorobutadiene	ND		20	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		11/27/23 14:08	11/28/23 14:50	1
Hexachloroethane	ND		20	0.60	ug/L		11/27/23 14:08	11/28/23 14:50	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		11/27/23 14:08	11/28/23 14:50	1
Isophorone	ND		20	0.74	ug/L		11/27/23 14:08	11/28/23 14:50	1
Naphthalene	ND		20	0.86	ug/L		11/27/23 14:08	11/28/23 14:50	1
Decane	ND		40	1.6	ug/L		11/27/23 14:08	11/28/23 14:50	1
Nitrobenzene	ND		20	0.81	ug/L		11/27/23 14:08	11/28/23 14:50	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		11/27/23 14:08	11/28/23 14:50	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		11/27/23 14:08	11/28/23 14:50	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		11/27/23 14:08	11/28/23 14:50	1
n-Octadecane	ND		40	1.2	ug/L		11/27/23 14:08	11/28/23 14:50	1

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QC Sample Results

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

Job ID: 480-215099-1

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

Lab Sample ID: MB 480-693322/1-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 693322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		11/27/23 14:08	11/28/23 14:50	1
Phenanthrene	ND		20	1.2	ug/L		11/27/23 14:08	11/28/23 14:50	1
Phenol	ND		20	0.35	ug/L		11/27/23 14:08	11/28/23 14:50	1
Pyrene	ND		20	1.4	ug/L		11/27/23 14:08	11/28/23 14:50	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		11/27/23 14:08	11/28/23 14:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		52 - 151	11/27/23 14:08	11/28/23 14:50	1
2-Fluorobiphenyl	98		44 - 120	11/27/23 14:08	11/28/23 14:50	1
2-Fluorophenol	73		17 - 120	11/27/23 14:08	11/28/23 14:50	1
Nitrobenzene-d5	90		15 - 314	11/27/23 14:08	11/28/23 14:50	1
Phenol-d5	55		8 - 424	11/27/23 14:08	11/28/23 14:50	1
p-Terphenyl-d14	104		22 - 125	11/27/23 14:08	11/28/23 14:50	1

Lab Sample ID: LCS 480-693322/2-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 693322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	23.5	J	ug/L		73	44 - 142
1,2-Dichlorobenzene	32.0	23.4	J	ug/L		73	32 - 129
1,3-Dichlorobenzene	32.0	23.2	J	ug/L		73	1 - 172
1,4-Dichlorobenzene	32.0	23.8	J	ug/L		74	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	24.4		ug/L		76	36 - 166
2,4,6-Trichlorophenol	32.0	29.4		ug/L		92	37 - 144
2,4-Dichlorophenol	32.0	28.5		ug/L		89	39 - 135
2,4-Dimethylphenol	32.0	23.5		ug/L		73	32 - 120
2,4-Dinitrophenol	64.0	53.0		ug/L		83	1 - 191
2,4-Dinitrotoluene	32.0	33.1		ug/L		103	39 - 139
2-Chloronaphthalene	32.0	26.5		ug/L		83	60 - 120
2-Chlorophenol	32.0	26.1		ug/L		82	23 - 134
2-Nitrophenol	32.0	27.4		ug/L		86	29 - 182
3,3'-Dichlorobenzidine	64.0	53.5		ug/L		84	1 - 262
4,6-Dinitro-2-methylphenol	64.0	63.4		ug/L		99	1 - 181
4-Bromophenyl phenyl ether	32.0	31.4		ug/L		98	53 - 127
4-Chloro-3-methylphenol	32.0	29.3		ug/L		92	22 - 147
4-Chlorophenyl phenyl ether	32.0	30.3		ug/L		95	25 - 158
4-Nitrophenol	64.0	58.7		ug/L		92	1 - 132
Acenaphthene	32.0	28.7		ug/L		90	47 - 145
Acenaphthylene	32.0	27.6		ug/L		86	33 - 145
Aniline	32.0	15.6	J	ug/L		49	40 - 120
Anthracene	32.0	31.0		ug/L		97	27 - 133
Benzo[a]anthracene	32.0	32.5		ug/L		102	33 - 143
Benzo[a]pyrene	32.0	33.9		ug/L		106	17 - 163
Benzo[b]fluoranthene	32.0	32.0		ug/L		100	24 - 159
Benzo[g,h,i]perylene	32.0	32.4		ug/L		101	1 - 219
Benzo[k]fluoranthene	32.0	32.9		ug/L		103	11 - 162
Bis(2-chloroethoxy)methane	32.0	27.1		ug/L		85	33 - 184

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QC Sample Results

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

Job ID: 480-215099-1

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

Lab Sample ID: LCS 480-693322/2-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 693322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	26.5		ug/L		83	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	32.4	J	ug/L		101	8 - 158
Butyl benzyl phthalate	32.0	33.5		ug/L		105	1 - 152
Chrysene	32.0	32.4		ug/L		101	17 - 168
Dibenz(a,h)anthracene	32.0	32.9		ug/L		103	1 - 227
Diethyl phthalate	32.0	33.9		ug/L		106	1 - 120
Dimethyl phthalate	32.0	32.2		ug/L		101	1 - 120
Di-n-butyl phthalate	32.0	34.4		ug/L		107	1 - 120
Di-n-octyl phthalate	32.0	31.4		ug/L		98	4 - 146
Fluoranthene	32.0	32.9		ug/L		103	26 - 137
Fluorene	32.0	30.4		ug/L		95	59 - 121
Hexachlorobenzene	32.0	33.6		ug/L		105	1 - 152
Hexachlorocyclopentadiene	32.0	13.5	J	ug/L		42	5 - 120
Hexachloroethane	32.0	22.1		ug/L		69	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	36.2		ug/L		113	1 - 171
Isophorone	32.0	27.4		ug/L		86	21 - 196
Naphthalene	32.0	25.5		ug/L		80	21 - 133
Nitrobenzene	32.0	27.1		ug/L		85	35 - 180
N-Nitrosodi-n-propylamine	32.0	28.5		ug/L		89	1 - 230
N-Nitrosodiphenylamine	32.0	31.2		ug/L		97	54 - 125
Pentachlorophenol	64.0	37.5	J	ug/L		59	14 - 176
Phenanthrene	32.0	33.1		ug/L		103	54 - 120
Phenol	32.0	17.6	J	ug/L		55	5 - 120
Pyrene	32.0	33.0		ug/L		103	52 - 120
2,6-Dinitrotoluene	32.0	32.4		ug/L		101	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	98		52 - 151
2-Fluorobiphenyl	88		44 - 120
2-Fluorophenol	65		17 - 120
Nitrobenzene-d5	86		15 - 314
Phenol-d5	52		8 - 424
p-Terphenyl-d14	102		22 - 125

Lab Sample ID: LCSD 480-693322/3-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 693322

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	19.7	J	ug/L		62	44 - 142	18	34
1,2-Dichlorobenzene	32.0	19.1	J	ug/L		60	32 - 129	20	38
1,3-Dichlorobenzene	32.0	18.6	J	ug/L		58	1 - 172	22	37
1,4-Dichlorobenzene	32.0	18.7	J	ug/L		59	20 - 124	24	40
2,2'-oxybis[1-chloropropane]	32.0	19.6	J	ug/L		61	36 - 166	22	36
2,4,6-Trichlorophenol	32.0	23.8	*1	ug/L		74	37 - 144	21	20
2,4-Dichlorophenol	32.0	23.0		ug/L		72	39 - 135	22	23
2,4-Dimethylphenol	32.0	18.7	J *1	ug/L		59	32 - 120	22	18
2,4-Dinitrophenol	64.0	45.9		ug/L		72	1 - 191	14	29

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QC Sample Results

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

Job ID: 480-215099-1

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

Lab Sample ID: LCSD 480-693322/3-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 693322

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	32.0	28.2		ug/L		88	39 - 139	16	20
2-Chloronaphthalene	32.0	22.1		ug/L		69	60 - 120	18	30
2-Chlorophenol	32.0	21.1		ug/L		66	23 - 134	21	26
2-Nitrophenol	32.0	22.2		ug/L		69	29 - 182	21	28
3,3'-Dichlorobenzidine	64.0	47.1		ug/L		74	1 - 262	13	31
4,6-Dinitro-2-methylphenol	64.0	51.6		ug/L		81	1 - 181	21	30
4-Bromophenyl phenyl ether	32.0	25.9	*1	ug/L		81	53 - 127	19	16
4-Chloro-3-methylphenol	32.0	24.6	*1	ug/L		77	22 - 147	18	16
4-Chlorophenyl phenyl ether	32.0	25.6	*1	ug/L		80	25 - 158	17	15
4-Nitrophenol	64.0	50.2		ug/L		78	1 - 132	16	24
Acenaphthene	32.0	24.5		ug/L		77	47 - 145	16	25
Acenaphthylene	32.0	22.9		ug/L		72	33 - 145	18	22
Aniline	32.0	15.0	J	ug/L		47	40 - 120	4	30
Anthracene	32.0	25.6	*1	ug/L		80	27 - 133	19	15
Benzo[a]anthracene	32.0	27.3	*1	ug/L		85	33 - 143	17	15
Benzo[a]pyrene	32.0	29.0	*1	ug/L		91	17 - 163	16	15
Benzo[b]fluoranthene	32.0	27.4		ug/L		86	24 - 159	15	17
Benzo[g,h,i]perylene	32.0	27.7		ug/L		86	1 - 219	16	19
Benzo[k]fluoranthene	32.0	28.4		ug/L		89	11 - 162	15	19
Bis(2-chloroethoxy)methane	32.0	22.6		ug/L		71	33 - 184	18	23
Bis(2-chloroethyl)ether	32.0	20.5		ug/L		64	12 - 158	25	33
Bis(2-ethylhexyl) phthalate	32.0	26.8	J *1	ug/L		84	8 - 158	19	15
Butyl benzyl phthalate	32.0	27.5	*1	ug/L		86	1 - 152	20	15
Chrysene	32.0	27.2	*1	ug/L		85	17 - 168	17	15
Dibenz(a,h)anthracene	32.0	28.1		ug/L		88	1 - 227	16	18
Diethyl phthalate	32.0	29.2		ug/L		91	1 - 120	15	15
Dimethyl phthalate	32.0	27.9		ug/L		87	1 - 120	14	15
Di-n-butyl phthalate	32.0	28.5	*1	ug/L		89	1 - 120	19	15
Di-n-octyl phthalate	32.0	26.7	*1	ug/L		83	4 - 146	16	15
Fluoranthene	32.0	27.2	*1	ug/L		85	26 - 137	19	15
Fluorene	32.0	25.5		ug/L		80	59 - 121	18	18
Hexachlorobenzene	32.0	27.4	*1	ug/L		86	1 - 152	20	15
Hexachlorocyclopentadiene	32.0	11.8	J	ug/L		37	5 - 120	13	50
Hexachloroethane	32.0	18.3	J	ug/L		57	40 - 120	19	43
Indeno[1,2,3-cd]pyrene	32.0	30.4		ug/L		95	1 - 171	17	17
Isophorone	32.0	22.4		ug/L		70	21 - 196	20	21
Naphthalene	32.0	20.9		ug/L		65	21 - 133	20	31
Nitrobenzene	32.0	22.5		ug/L		70	35 - 180	18	27
N-Nitrosodi-n-propylamine	32.0	23.0		ug/L		72	1 - 230	21	23
N-Nitrosodiphenylamine	32.0	26.3	*1	ug/L		82	54 - 125	17	15
Pentachlorophenol	64.0	32.4	J	ug/L		51	14 - 176	15	21
Phenanthrene	32.0	26.9	*1	ug/L		84	54 - 120	20	16
Phenol	32.0	14.3	J	ug/L		45	5 - 120	20	36
Pyrene	32.0	26.8	*1	ug/L		84	52 - 120	21	15
2,6-Dinitrotoluene	32.0	27.3		ug/L		85	50 - 158	17	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	82		52 - 151

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-215099-1

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

Lab Sample ID: LCSD 480-693322/3-A

Matrix: Water

Analysis Batch: 693404

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 693322

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	73		44 - 120
2-Fluorophenol	51		17 - 120
Nitrobenzene-d5	70		15 - 314
Phenol-d5	44		8 - 424
p-Terphenyl-d14	89		22 - 125

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

Lab Sample ID: MB 480-693260/1-A

Matrix: Water

Analysis Batch: 693606

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 693260

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.060	0.038	ug/L		11/27/23 09:20	11/29/23 02:22	1
PCB-1221	ND		0.060	0.038	ug/L		11/27/23 09:20	11/29/23 02:22	1
PCB-1232	ND		0.060	0.038	ug/L		11/27/23 09:20	11/29/23 02:22	1
PCB-1242	ND		0.060	0.038	ug/L		11/27/23 09:20	11/29/23 02:22	1
PCB-1248	ND		0.060	0.038	ug/L		11/27/23 09:20	11/29/23 02:22	1
PCB-1254	ND		0.060	0.031	ug/L		11/27/23 09:20	11/29/23 02:22	1
PCB-1260	ND		0.060	0.031	ug/L		11/27/23 09:20	11/29/23 02:22	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
DCB Decachlorobiphenyl	54		36 - 121				11/27/23 09:20	11/29/23 02:22	1
Tetrachloro-m-xylene	81		42 - 135				11/27/23 09:20	11/29/23 02:22	1

Lab Sample ID: LCS 480-693260/2-A

Matrix: Water

Analysis Batch: 693606

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 693260

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	Limits
PCB-1016	1.00	1.09		ug/L		109	69 - 123
PCB-1260	1.00	1.01		ug/L		101	69 - 120

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	60		36 - 121
Tetrachloro-m-xylene	87		42 - 135

Lab Sample ID: LCSD 480-693260/3-A

Matrix: Water

Analysis Batch: 693606

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 693260

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier			Limits	Limits	RPD	Limit
PCB-1016	1.00	1.05		ug/L		105	69 - 123	3	30
PCB-1260	1.00	1.01		ug/L		101	69 - 120	1	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	59		36 - 121
Tetrachloro-m-xylene	92		42 - 135

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-215099-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-693134/1-A

Matrix: Water

Analysis Batch: 693801

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 693134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		11/27/23 08:46	11/29/23 20:21	1
Copper	ND		0.010	0.0016	mg/L		11/27/23 08:46	11/29/23 20:21	1
Lead	ND		0.010	0.0030	mg/L		11/27/23 08:46	11/29/23 20:21	1
Nickel	ND		0.010	0.0013	mg/L		11/27/23 08:46	11/29/23 20:21	1
Zinc	ND		0.010	0.0015	mg/L		11/27/23 08:46	11/29/23 20:21	1

Lab Sample ID: LCS 480-693134/2-A

Matrix: Water

Analysis Batch: 693801

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 693134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.200	0.199		mg/L		100	85 - 115
Copper	0.200	0.209		mg/L		104	85 - 115
Lead	0.200	0.227		mg/L		113	85 - 115
Nickel	0.200	0.203		mg/L		102	85 - 115
Zinc	0.200	0.198		mg/L		99	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-693607/1-A

Matrix: Water

Analysis Batch: 693677

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 693607

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/29/23 11:32	11/29/23 14:57	1

Lab Sample ID: LCS 480-693607/2-A

Matrix: Water

Analysis Batch: 693677

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 693607

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00706		mg/L		106	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-693651/17

Matrix: Water

Analysis Batch: 693651

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			11/28/23 19:02	1

Lab Sample ID: LCS 480-693651/18

Matrix: Water

Analysis Batch: 693651

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	0.100		mg/L		100	90 - 110

Eurofins Buffalo

QC Sample Results

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

Job ID: 480-215099-1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: 480-215099-1 MS

Matrix: Water

Analysis Batch: 693651

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	0.138		mg/L		105	90 - 110

Lab Sample ID: 480-215099-1 DU

Matrix: Water

Analysis Batch: 693651

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		0.0340		mg/L		1	20

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

Lab Sample ID: MB 480-693454/1

Matrix: Water

Analysis Batch: 693454

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			11/28/23 10:47	1

Lab Sample ID: LCS 480-693454/2

Matrix: Water

Analysis Batch: 693454

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	244	235.2		mg/L		97	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-693345/1

Matrix: Water

Analysis Batch: 693345

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 480-693222/3

Matrix: Water

Analysis Batch: 693222

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			11/26/23 11:54	1

Lab Sample ID: LCS 480-693222/4

Matrix: Water

Analysis Batch: 693222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus	0.200	0.194		mg/L as P		97	90 - 110

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QC Sample Results

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

Job ID: 480-215099-1

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: 480-18722-B-3 MB

Matrix: Water

Analysis Batch: 693180

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			11/22/23 12:20	1

Lab Sample ID: USB 480-693180/1

Matrix: Water

Analysis Batch: 693180

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			11/22/23 12:20	1

Lab Sample ID: LCS 480-693180/2

Matrix: Water

Analysis Batch: 693180

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	157.6	*-	mg/L		80	85 - 115

QC Association Summary

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

Job ID: 480-215099-1

GC/MS VOA

Analysis Batch: 693121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-215099-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-693121/8	Method Blank	Total/NA	Water	624.1	
LCS 480-693121/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 693322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-693322/1-A	Method Blank	Total/NA	Water	625	
LCS 480-693322/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-693322/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 693404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	625.1	693322
MB 480-693322/1-A	Method Blank	Total/NA	Water	625.1	693322
LCS 480-693322/2-A	Lab Control Sample	Total/NA	Water	625.1	693322
LCSD 480-693322/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	693322

GC Semi VOA

Prep Batch: 693260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-693260/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-693260/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-693260/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 693606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	608.3	693260
MB 480-693260/1-A	Method Blank	Total/NA	Water	608.3	693260
LCS 480-693260/2-A	Lab Control Sample	Total/NA	Water	608.3	693260
LCSD 480-693260/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	693260

Metals

Prep Batch: 693134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-693134/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-693134/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 693607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-693607/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-693607/2-A	Lab Control Sample	Total/NA	Water	245.1	

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QC Association Summary

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

Job ID: 480-215099-1

Metals

Analysis Batch: 693677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	245.1	693607
MB 480-693607/1-A	Method Blank	Total/NA	Water	245.1	693607
LCS 480-693607/2-A	Lab Control Sample	Total/NA	Water	245.1	693607

Analysis Batch: 693801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	693134
MB 480-693134/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	693134
LCS 480-693134/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	693134

General Chemistry

Analysis Batch: 693180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
480-18722-B-3 MB	Method Blank	Total/NA	Water	SM 5210B	
USB 480-693180/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-693180/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 693222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-693222/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-693222/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 693345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-693345/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 693454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-693454/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-693454/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 693651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-693651/17	Method Blank	Total/NA	Water	420.4	
LCS 480-693651/18	Lab Control Sample	Total/NA	Water	420.4	
480-215099-1 MS	BCC BSA SUMP	Total/NA	Water	420.4	
480-215099-1 DU	BCC BSA SUMP	Total/NA	Water	420.4	

Analysis Batch: 693699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215099-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

Job ID: 480-215099-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-215099-1

Date Collected: 11/21/23 10:00

Matrix: Water

Date Received: 11/21/23 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	693121	AXK	EET BUF	11/22/23 15:54
Total/NA	Prep	625			693322	LSC	EET BUF	11/27/23 14:08
Total/NA	Analysis	625.1		1	693404	JMM	EET BUF	11/28/23 16:13
Total/NA	Prep	3510C			693260	JMP	EET BUF	11/27/23 09:20
Total/NA	Analysis	608.3		1	693606	DSC	EET BUF	11/29/23 04:07
Total/NA	Prep	200.7			693134	ESB	EET BUF	11/27/23 08:46
Total/NA	Analysis	200.7 Rev 4.4		1	693801	LMH	EET BUF	11/29/23 21:01
Total/NA	Prep	245.1			693607	NVK	EET BUF	11/29/23 11:32
Total/NA	Analysis	245.1		1	693677	NVK	EET BUF	11/29/23 15:05
Total/NA	Analysis	420.4		1	693651	GW	EET BUF	11/28/23 19:59
Total/NA	Analysis	SM 2540D		1	693454	KO	EET BUF	11/28/23 10:47
Total/NA	Analysis	SM 4500 CN G		1	693699	JJP	EET BUF	11/28/23 21:44
Total/NA	Analysis	SM 4500 H+ B		1	693345	KB	EET BUF	11/22/23 17:24
Total/NA	Analysis	SM 4500 P E		2	693222	GW	EET BUF	11/26/23 11:54
Total/NA	Analysis	SM 5210B		1	693180	CG	EET BUF	11/22/23 12:20

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215099-2

Date Collected: 11/21/23 10:00

Matrix: Water

Date Received: 11/21/23 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	693121	AXK	EET BUF	11/22/23 16:18

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-215099-1

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: OSC- Former Buffalo Color Sites - 37745

Job ID: 480-215099-1

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: OSC- Former Buffalo Color Sites - 37745

Job ID: 480-215099-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-215099-1	BCC BSA SUMP	Water	11/21/23 10:00	11/21/23 15:20
480-215099-2	TRIP BLANK	Water	11/21/23 10:00	11/21/23 15:20

- 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: OSC- Former Buffalo Color Sites - 37745

Job ID: 480-215099-1

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

Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record



Amherst, NY 14228-2298

Phone: 716-691-2600 Fax: 716-691-7991

Client Information Client Name: <u>Kirsten Colligan</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>kcolligan@oscinc.com</u>			Carrier Tracking Note: <u>OSC</u> State of Origin: <u>NY</u> Page 1 of 1 Job #: <u>16011</u>		
Date Requested: <u>2 weeks</u> TAT Requested (days): <u>Standard</u> Compliance Project: <u>Yes</u> <input checked="" type="checkbox"/> No <input type="checkbox"/>			Analysis Requested 420.4 - Phenolics, Total Recoverable 624.5 ml - Priority Pollutant List - VOA - 62 608 PCB - Priority Pollutant PCBs 625 - Priority Pollutant List - SVOA - 6 5210B - Biochemical Oxygen Demand 2540D - Total Suspended Solids SM4500N_G_Calc - Cyanide, Amenable SM4500_H+ - pH		
PO #: <u>80231</u> WO #: <u>66457</u> Project #: <u>48003159</u> Site: <u>New York</u>			Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - MCAA V - Ice W - pH 4-5 Y - Trizma Z - other (specify) Other:		
Project Name: <u>OSC - Former Buffalo Color Sites/ Event Desc: Buffalo Color - Qu</u> SSOW#:			Special Instructions/Note:		
Sample Identification BCC BSA SUMP Trip Blank			Total Number of Containers:		
Sample Date: <u>11-21-23</u> Sample Time: <u>10:00</u> Sample Type (C=Comp, G=grab): <u>G</u> Matrix (W=Water, S=Solid, O=Other): <u>Water</u> Preservation Code:			Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MIC/MD (Yes or No) <input checked="" type="checkbox"/> 4500_P_E - Phosphorus 200.7, 245.1 420.4 - Phenolics, Total Recoverable 624.5 ml - Priority Pollutant List - VOA - 62 608 PCB - Priority Pollutant PCBs 625 - Priority Pollutant List - SVOA - 6 5210B - Biochemical Oxygen Demand 2540D - Total Suspended Solids SM4500N_G_Calc - Cyanide, Amenable SM4500_H+ - pH		
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		
Deliverable Requested: I, II, III, IV, Other (specify)			Special Instructions/QC Requirements:		
Empty Kit Relinquished by:			Method of Shipment:		
Relinquished by:			Date/Time: <u>11-21-23</u> <u>15:20</u> Company: <u>OSC</u>		
Relinquished by:			Date/Time: <u>11-21-23</u> <u>15:20</u> Company: <u>TAB</u>		
Relinquished by:			Date/Time: <u>11-21-23</u> <u>15:20</u> Company: <u>TAB</u>		
Custody Seal No.: <u>230 9341</u> Custody Seals Intact: <u>Yes</u> <input checked="" type="checkbox"/> No <input type="checkbox"/>			Cooler Temperature(s) °C and Other Remarks: <u>21.0 JCT</u>		

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-215099-1

Login Number: 215099

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					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		
10/6/2023	TK	45	45	35	28	40	30	12.0	38	34	35	35	8.23	22	12	41,334,356	26	21.6	1,301,400	27							
10/13/2023	TK	45	45	34	24	40	30	12.0	40	35	35	35	8.27	22	11.9	41,397,876	26	19.9	1,305,007	27							
10/20/2023	TK	45	45	34	24	40	32	11.9	38	36	35	35	8.32	22	11.8	41,462,464	26	19.6	1,308,334	27							
10/27/2023	TK	45	45	34	25	40	30	11.7	38	34	35	35	8.35	22	11.7	41,527,053	26	20.4	1,311,949	27							
11/3/2023	TK	45	45	34	22	40	28	11.4	38	32	35	35	8.30	22	11.3	41,592,312	26	19.8	1,315,259	27							
11/10/2023	TK	45	45	34	20	40	30	11.8	40	34	35	35	8.23	22	11.5	41,662,764	26	19.2	1,319,109	27							
11/17/2023	TK	45	45	34	28	40	30	11.5	38	34	35	35	8.34	22	11.5	41,723,984	26	24.1	1,322,360	27							
11/24/2023	TK	45	45	34	26	40	28	11.4	38	34	35	35	8.25	22	11.3	41,785,448	26	24.4	1,325,580	27							
12/1/2023	TK	45	45	34	27	40	30	11.3	38	34	35	35	8.18	22	11.2	41,845,608	26	23.2	1,328,643	27							
12/8/2023	TK	45	45	34	26	42	30	11.2	38	32	35	35	8.3	22	11.2	41,906,744	26	22.8	1,331,978	27							
12/15/2023	TK	45	45	33	26	40	28	11.1	38	32	35	35	8.25	22	11.1	41,966,004	26	22.7	1,335,122	27							
12/22/2023	TK	45	45	34	26	40	28	10.9	38	32	35	35	8.29	22	10.9	42,026,004	26	22.2	1,338,431	27							
12/29/2023	TK	45	45	34	26	40	29	11.2	38	32	35	35	8.34	22	10.9	42,088,592	26	21.8	1,341,753	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
10/1/2023					1	1		1	1	1			System down 17:55 9/30-back-up 5:55 10/1
10/2/2023					1	1		1	2	2			
10/3/2023								1	2	2			
10/4/2023													
10/5/2023								1	1	1			
10/6/2023					1	1		1	2	2			
10/7/2023													
10/8/2023													
10/9/2023								1	2	2			
10/10/2023								1	2	2			
10/11/2023													
10/12/2023					1			1	2	2			
10/13/2023								1	2	2			
10/14/2023													
10/15/2023													
10/16/2023								1	2	2			
10/17/2023								1	2	2			
10/18/2023													
10/19/2023								1	2	2			
10/20/2023					1			1	2	2			
10/21/2023													
10/22/2023													
10/23/2023								1	2	2			
10/24/2023								1	2	2			
10/25/2023													
10/26/2023								1	4	4			cleaned tank 10-Napal res /smell noticed
10/27/2023								1	2	2			
10/28/2023													
10/29/2023													
10/30/2023							1	1	2	2			
10/31/2023								1	2	2			
11/1/2023													
11/2/2023								1	2	2			
11/3/2023								1	2	2			
11/4/2023													
11/5/2023								1	1	1			system down 0353 back-up 0600
11/6/2023					1	1		1	2	2			
11/7/2023								1	2	2			
11/8/2023													
11/9/2023								1	2	2			
11/10/2023								2	2	2			
11/11/2023													
11/12/2023													
11/13/2023							1	1	2	2	1	1	
11/14/2023								1	2	2			
11/15/2023													
11/16/2023								2	2	2			
11/17/2023								1	2	2			
11/18/2023													
11/19/2023													
11/20/2023								2	2	2			
11/21/2023								1	2	2			
11/22/2023													
11/23/2023								1	1	1			
11/24/2023								2	2	2			
11/25/2023													
11/26/2023													
11/27/2023								2	2	2			
11/28/2023								2	2	2			
11/29/2023													
11/30/2023								2	2	2			
12/1/2023								2	2	2			

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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
12/2/2023													
12/3/2023													
12/4/2023					1	1		2	2	2			cleaned tank 10
12/5/2023								2	2	3			
12/6/2023													
12/7/2023								2	2	3			
12/8/2023								2	2	2			
12/9/2023													
12/10/2023													
12/11/2023						1		2	2	2			
12/12/2023								2	1	1			
12/13/2023													
12/14/2023					1	1		2	2	2			
12/15/2023								2	2	2			
12/16/2023													
12/17/2023													
12/18/2023								1	2	2			
12/19/2023								1	2	2			
12/20/2023													
12/21/2023					1	1		2	2	2			
12/22/2023								2	2	2			
12/23/2023													
12/24/2023								1	1	1			system down 21:56 12/23/23 back up 07:00 12/24/23
12/25/2023													
12/26/2023								2	2	2			
12/27/2023								2	2	2			
12/28/2023								1	1	1			
12/29/2023								2	2	2			
12/30/2023													
12/31/2023								2	1	1			system down 00:30 12/31/23 back up 11:00 12/31/23



May 1, 2024

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, 2024. 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, 2024 through March 31, 2024**

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-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:

January 2024	332,541 gallons
February 2024	318,082 gallons
March 2024	315,673 gallons

Total Quarterly Discharge 966,296 gallons

Estimated Area D contribution this period:
4,334 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: 2/13/2024
Sample Location: Onsite Pump Station to BSA

Year: 2024
Month: MAR

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	8.0	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	0.0083	0.010	mg/L	0.001	lbs/day	1.67	lbs/day	Yes	20	0.008	Yes
Total Chromium	7440-47-3	0.0044	0.0040	mg/L	0.0004	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0061	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0061	Yes
Lead	7439-92-1	0.03	0.0050	mg/L	0.0027	lbs/day	0.541	lbs/day	Yes	65	0.0300	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	0.0026	0.010	mg/L	0.000	lbs/day	2.046	lbs/day	Yes	25	0.003	Yes
Amendable Cyanide	CAN	0.053	0.010	mg/L	0.005	lbs/day	2.59	lbs/day	Yes	6.2	0.053	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	8.8	40	ug/L	0.792	lbs/day	50	lbs/day	Yes	0.01	0.0088	Yes
Benzene	71-43-2	1.2	5	ug/L	0.0001	lbs/day	0.059	lbs/day	Yes	0.142	0.001	Yes
Chlorobenzene	108-90-7	2.3	5	ug/L	0.0002	lbs/day	0.129	lbs/day	Yes	0.31	0.00	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	30.3	25	ug/L	0.030	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	72.8	4.0	mg/L	72.8	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	7.489429012	-	gpm	10,785	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	77,439,363	1/1/2024
Final Reading	78,409,993	3/31/2024
Total Days in Period	90	
Total Flow for Period	970,630	gallons
Average Flow for Period	7.49	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.

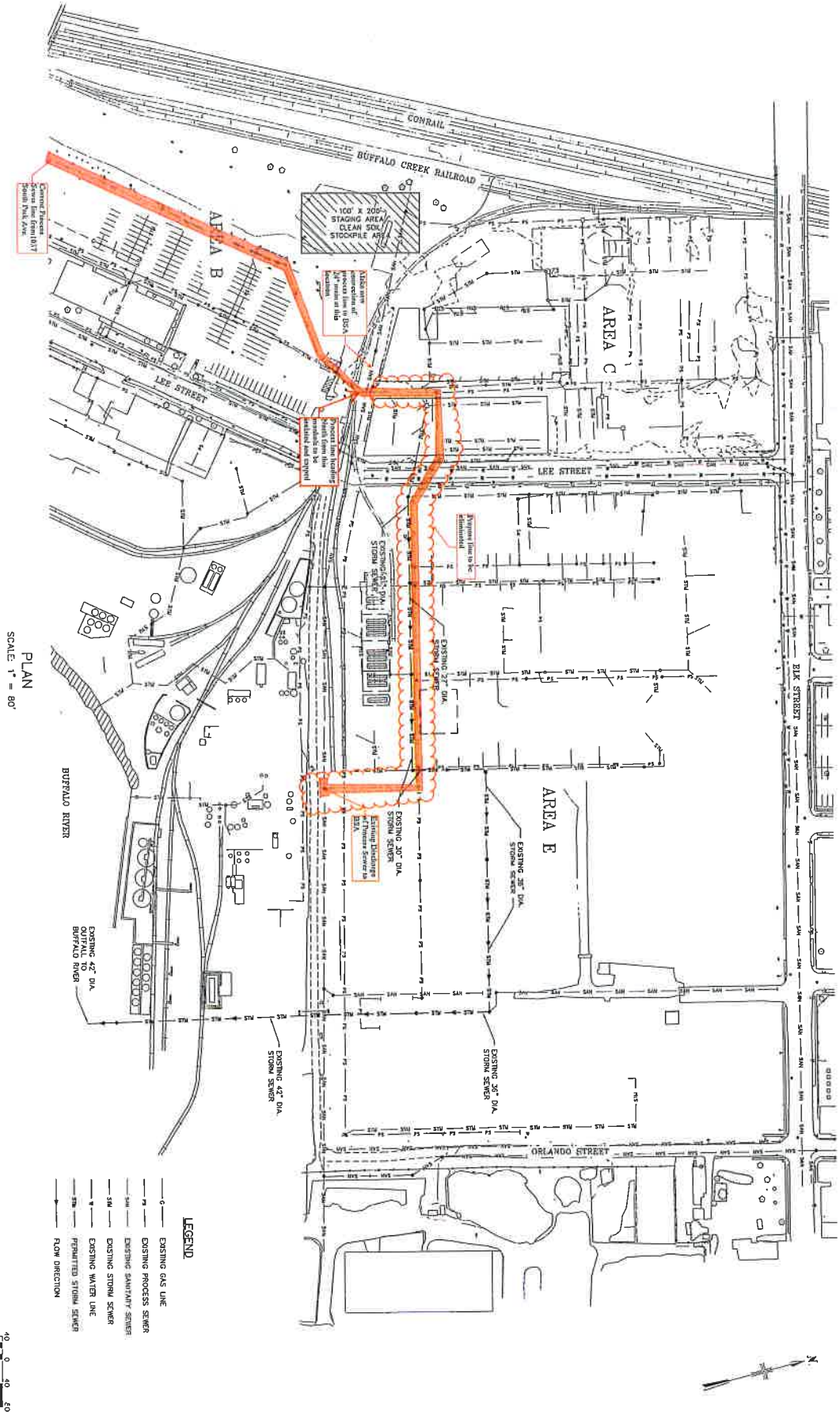
**MALCOLM
 PIRNIE**

DATE	BY	REVISION
11/11/2011	JSP	1.00
11/11/2011	JSP	1.01
11/11/2011	JSP	1.02
11/11/2011	JSP	1.03
11/11/2011	JSP	1.04
11/11/2011	JSP	1.05
11/11/2011	JSP	1.06
11/11/2011	JSP	1.07
11/11/2011	JSP	1.08
11/11/2011	JSP	1.09
11/11/2011	JSP	1.10
11/11/2011	JSP	1.11
11/11/2011	JSP	1.12
11/11/2011	JSP	1.13
11/11/2011	JSP	1.14
11/11/2011	JSP	1.15
11/11/2011	JSP	1.16
11/11/2011	JSP	1.17
11/11/2011	JSP	1.18
11/11/2011	JSP	1.19
11/11/2011	JSP	1.20

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.

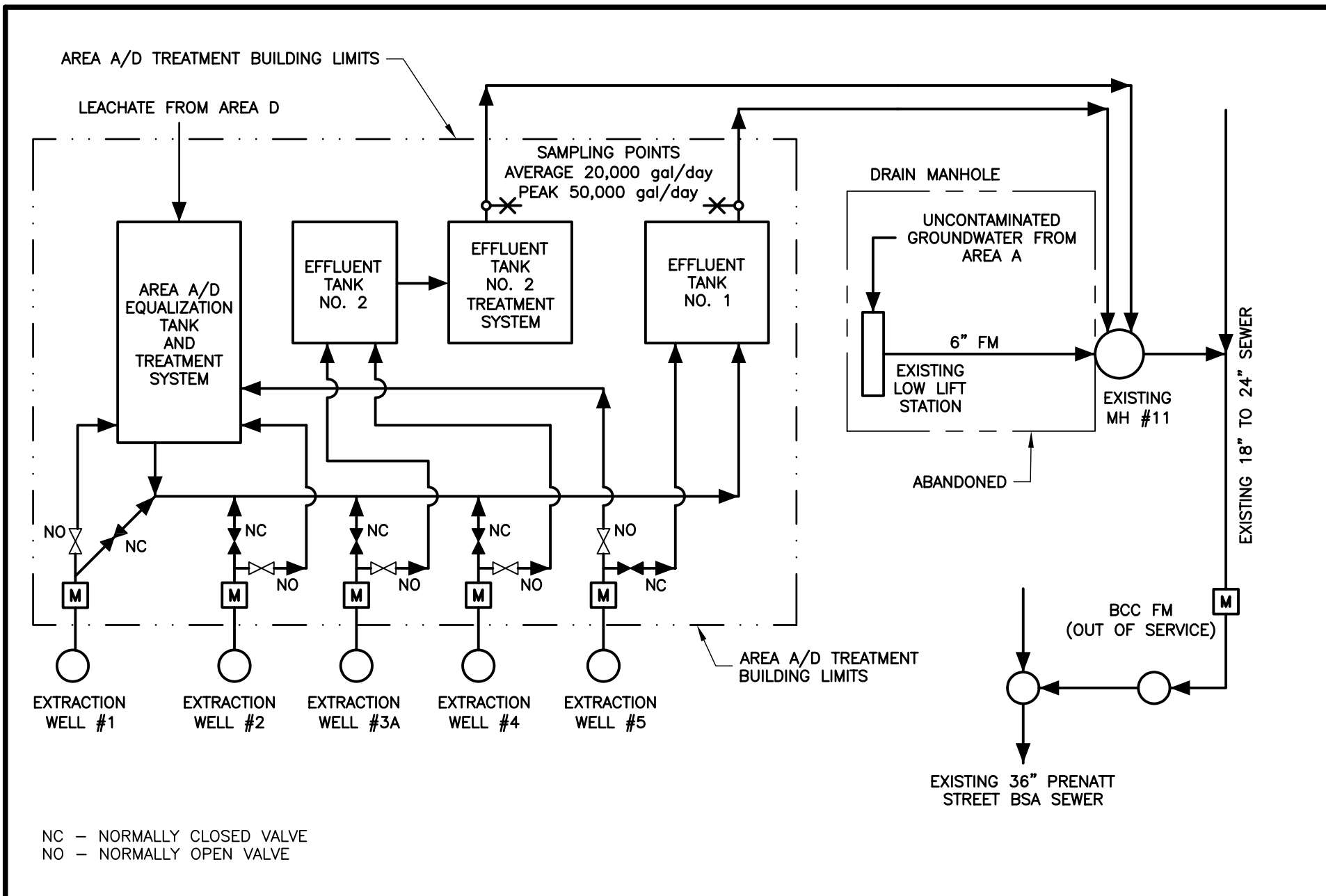
G. CONFIDENTIALITY

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

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JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-217057-1

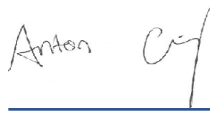
Eurofins Buffalo

Job Notes

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

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

Authorization



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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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
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	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: Quarterly BSA SUMP

Job ID: 480-217057-1

Job ID: 480-217057-1

Eurofins Buffalo

Job Narrative 480-217057-1

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

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

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

Receipt

The samples were received on 2/13/2024 2:50 PM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 14.2°C.

GC/MS VOA

Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 02/13/2024 as requested by the client: BCC BSA SUMP (480-217057-1). 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_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-700783.

Method 625.1_PREC: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-700783 and analytical batch 480-700849 recovered outside control limits for the following analytes: Benzidine.

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

PCBs

Method 608.3_PCB_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-701055.

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

Metals

Method 245.1: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): BCC BSA SUMP (480-217057-1). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 1/2 dilution, which maintained the purple color during digestion.

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

General Chemistry

Method SM4500_H+: 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 (480-217057-1).

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

Eurofins Buffalo

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-217057-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	1.2	J	5.0	0.60	ug/L	1			624.1	Total/NA
Chlorobenzene	2.3	J	5.0	0.48	ug/L	1			624.1	Total/NA
Aniline	8.8	J	40	1.5	ug/L	1			625.1	Total/NA
Di-n-butyl phthalate	18	J	20	1.6	ug/L	1			625.1	Total/NA
Chromium	0.0044		0.0040	0.0010	mg/L	1			200.7 Rev 4.4	Total/NA
Copper	0.0061	J B	0.010	0.0016	mg/L	1			200.7 Rev 4.4	Total/NA
Lead	0.030		0.010	0.0030	mg/L	1			200.7 Rev 4.4	Total/NA
Zinc	0.0026	J B	0.010	0.0015	mg/L	1			200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0083	J	0.010	0.0035	mg/L	1			420.4	Total/NA
Total Suspended Solids	72.8		4.0	4.0	mg/L	1			SM 2540D	Total/NA
Cyanide, Amenable	0.053		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	19.8	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

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-217057-2

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: 480-217057-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-217057-1

Date Collected: 02/13/24 11:30

Matrix: Water

Date Received: 02/13/24 14:50

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			02/13/24 18:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/13/24 18:36	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/24 18:36	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/13/24 18:36	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/13/24 18:36	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/13/24 18:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/24 18:36	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/24 18:36	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/13/24 18:36	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/13/24 18:36	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/13/24 18:36	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/13/24 18:36	1
Acrolein	ND		100	17	ug/L			02/13/24 18:36	1
Acrylonitrile	ND		50	1.9	ug/L			02/13/24 18:36	1
Benzene	1.2 J		5.0	0.60	ug/L			02/13/24 18:36	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/13/24 18:36	1
Bromoform	ND		5.0	0.47	ug/L			02/13/24 18:36	1
Bromomethane	ND		5.0	1.2	ug/L			02/13/24 18:36	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/24 18:36	1
Chlorobenzene	2.3 J		5.0	0.48	ug/L			02/13/24 18:36	1
Chloroethane	ND		5.0	0.87	ug/L			02/13/24 18:36	1
Chloroform	ND		5.0	0.54	ug/L			02/13/24 18:36	1
Chloromethane	ND		5.0	0.64	ug/L			02/13/24 18:36	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/13/24 18:36	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/13/24 18:36	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/13/24 18:36	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/24 18:36	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/13/24 18:36	1
Toluene	ND		5.0	0.45	ug/L			02/13/24 18:36	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/13/24 18:36	1
Trichloroethene	ND		5.0	0.60	ug/L			02/13/24 18:36	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/13/24 18:36	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/13/24 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		68 - 130		02/13/24 18:36	1
4-Bromofluorobenzene (Surr)	103		76 - 123		02/13/24 18:36	1
Dibromofluoromethane (Surr)	103		75 - 123		02/13/24 18:36	1
Toluene-d8 (Surr)	102		77 - 120		02/13/24 18:36	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		02/14/24 13:50	02/15/24 15:52	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		02/14/24 13:50	02/15/24 15:52	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		02/14/24 13:50	02/15/24 15:52	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		02/14/24 13:50	02/15/24 15:52	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		02/14/24 13:50	02/15/24 15:52	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		02/14/24 13:50	02/15/24 15:52	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-217057-1

Date Collected: 02/13/24 11:30

Matrix: Water

Date Received: 02/13/24 14:50

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		02/14/24 13:50	02/15/24 15:52	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		02/14/24 13:50	02/15/24 15:52	1
2-Chloronaphthalene	ND		20	0.91	ug/L		02/14/24 13:50	02/15/24 15:52	1
2-Chlorophenol	ND		20	0.66	ug/L		02/14/24 13:50	02/15/24 15:52	1
2-Nitrophenol	ND		20	0.70	ug/L		02/14/24 13:50	02/15/24 15:52	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		02/14/24 13:50	02/15/24 15:52	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		02/14/24 13:50	02/15/24 15:52	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		02/14/24 13:50	02/15/24 15:52	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		02/14/24 13:50	02/15/24 15:52	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		02/14/24 13:50	02/15/24 15:52	1
4-Nitrophenol	ND		40	1.9	ug/L		02/14/24 13:50	02/15/24 15:52	1
Acenaphthene	ND		20	0.81	ug/L		02/14/24 13:50	02/15/24 15:52	1
Acenaphthylene	ND		20	0.87	ug/L		02/14/24 13:50	02/15/24 15:52	1
Aniline	8.8	J	40	1.5	ug/L		02/14/24 13:50	02/15/24 15:52	1
Anthracene	ND		20	1.4	ug/L		02/14/24 13:50	02/15/24 15:52	1
Benzidine	ND	*1	320	54	ug/L		02/14/24 13:50	02/15/24 15:52	1
Benzo[a]anthracene	ND		20	1.1	ug/L		02/14/24 13:50	02/15/24 15:52	1
Benzo[a]pyrene	ND		20	1.3	ug/L		02/14/24 13:50	02/15/24 15:52	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		02/14/24 13:50	02/15/24 15:52	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		02/14/24 13:50	02/15/24 15:52	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		02/14/24 13:50	02/15/24 15:52	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		02/14/24 13:50	02/15/24 15:52	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		02/14/24 13:50	02/15/24 15:52	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		02/14/24 13:50	02/15/24 15:52	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		02/14/24 13:50	02/15/24 15:52	1
Chrysene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		02/14/24 13:50	02/15/24 15:52	1
Diethyl phthalate	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
Dimethyl phthalate	ND		20	0.91	ug/L		02/14/24 13:50	02/15/24 15:52	1
Di-n-butyl phthalate	18	J	20	1.6	ug/L		02/14/24 13:50	02/15/24 15:52	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		02/14/24 13:50	02/15/24 15:52	1
Fluoranthene	ND		20	1.6	ug/L		02/14/24 13:50	02/15/24 15:52	1
Fluorene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
Hexachlorobenzene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
Hexachlorobutadiene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		02/14/24 13:50	02/15/24 15:52	1
Hexachloroethane	ND		20	0.60	ug/L		02/14/24 13:50	02/15/24 15:52	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		02/14/24 13:50	02/15/24 15:52	1
Isophorone	ND		20	0.74	ug/L		02/14/24 13:50	02/15/24 15:52	1
Naphthalene	ND		20	0.86	ug/L		02/14/24 13:50	02/15/24 15:52	1
Decane	ND		40	1.6	ug/L		02/14/24 13:50	02/15/24 15:52	1
Nitrobenzene	ND		20	0.81	ug/L		02/14/24 13:50	02/15/24 15:52	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		02/14/24 13:50	02/15/24 15:52	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		02/14/24 13:50	02/15/24 15:52	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		02/14/24 13:50	02/15/24 15:52	1
n-Octadecane	ND		40	1.2	ug/L		02/14/24 13:50	02/15/24 15:52	1
Pentachlorophenol	ND		40	3.2	ug/L		02/14/24 13:50	02/15/24 15:52	1
Phenanthrene	ND		20	1.2	ug/L		02/14/24 13:50	02/15/24 15:52	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-217057-1

Date Collected: 02/13/24 11:30

Matrix: Water

Date Received: 02/13/24 14:50

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		02/14/24 13:50	02/15/24 15:52	1
Pyrene	ND		20	1.4	ug/L		02/14/24 13:50	02/15/24 15:52	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		52 - 151	02/14/24 13:50	02/15/24 15:52	1
2-Fluorobiphenyl	94		44 - 120	02/14/24 13:50	02/15/24 15:52	1
2-Fluorophenol	81		17 - 120	02/14/24 13:50	02/15/24 15:52	1
Nitrobenzene-d5	95		15 - 314	02/14/24 13:50	02/15/24 15:52	1
Phenol-d5	56		8 - 424	02/14/24 13:50	02/15/24 15:52	1
p-Terphenyl-d14	81		22 - 125	02/14/24 13:50	02/15/24 15:52	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		02/16/24 13:46	02/19/24 17:23	1
PCB-1221	ND		0.057	0.036	ug/L		02/16/24 13:46	02/19/24 17:23	1
PCB-1232	ND		0.057	0.036	ug/L		02/16/24 13:46	02/19/24 17:23	1
PCB-1242	ND		0.057	0.036	ug/L		02/16/24 13:46	02/19/24 17:23	1
PCB-1248	ND		0.057	0.036	ug/L		02/16/24 13:46	02/19/24 17:23	1
PCB-1254	ND		0.057	0.030	ug/L		02/16/24 13:46	02/19/24 17:23	1
PCB-1260	ND		0.057	0.030	ug/L		02/16/24 13:46	02/19/24 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	38		36 - 121	02/16/24 13:46	02/19/24 17:23	1
Tetrachloro-m-xylene	61		42 - 135	02/16/24 13:46	02/19/24 17:23	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0044		0.0040	0.0010	mg/L		02/14/24 08:50	02/14/24 22:23	1
Copper	0.0061	J B	0.010	0.0016	mg/L		02/14/24 08:50	02/14/24 22:23	1
Lead	0.030		0.010	0.0030	mg/L		02/14/24 08:50	02/14/24 22:23	1
Nickel	ND		0.010	0.0013	mg/L		02/14/24 08:50	02/14/24 22:23	1
Zinc	0.0026	J B	0.010	0.0015	mg/L		02/14/24 08:50	02/14/24 22:23	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00040	0.000086	mg/L		02/16/24 11:38	02/16/24 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.0083	J	0.010	0.0035	mg/L			02/16/24 19:16	1
Cyanide, Amenable (SM 4500 CN G)	0.053		0.010	0.0050	mg/L			02/17/24 15:51	1
Phosphorus (SM 4500 P E)	0.28		0.010	0.0050	mg/L as P			02/14/24 12:50	1
Biochemical Oxygen Demand (SM 5210B)	ND		2.0	2.0	mg/L			02/14/24 16:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	72.8		4.0	4.0	mg/L			02/14/24 10:55	1
pH (SM 4500 H+ B)	8.0	HF	0.1	0.1	SU			02/15/24 21:39	1
Temperature (SM 4500 H+ B)	19.8	HF	0.001	0.001	Degrees C			02/15/24 21:39	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-217057-2

Date Collected: 02/13/24 11:30

Matrix: Water

Date Received: 02/13/24 14:50

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			02/13/24 19:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/13/24 19:00	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/24 19:00	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/13/24 19:00	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/13/24 19:00	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/13/24 19:00	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/24 19:00	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/24 19:00	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/13/24 19:00	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/13/24 19:00	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/13/24 19:00	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/13/24 19:00	1
Acrolein	ND		100	17	ug/L			02/13/24 19:00	1
Acrylonitrile	ND		100	1.9	ug/L			02/13/24 19:00	1
Benzene	ND		5.0	0.60	ug/L			02/13/24 19:00	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/13/24 19:00	1
Bromoform	ND		5.0	0.47	ug/L			02/13/24 19:00	1
Bromomethane	ND		5.0	1.2	ug/L			02/13/24 19:00	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/24 19:00	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/13/24 19:00	1
Chloroethane	ND		5.0	0.87	ug/L			02/13/24 19:00	1
Chloroform	ND		5.0	0.54	ug/L			02/13/24 19:00	1
Chloromethane	ND		5.0	0.64	ug/L			02/13/24 19:00	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/13/24 19:00	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/13/24 19:00	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/13/24 19:00	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/24 19:00	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/13/24 19:00	1
Toluene	ND		5.0	0.45	ug/L			02/13/24 19:00	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/13/24 19:00	1
Trichloroethene	ND		5.0	0.60	ug/L			02/13/24 19:00	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/13/24 19:00	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/13/24 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		68 - 130		02/13/24 19:00	1
4-Bromofluorobenzene (Surr)	103		76 - 123		02/13/24 19:00	1
Dibromofluoromethane (Surr)	104		75 - 123		02/13/24 19:00	1
Toluene-d8 (Surr)	102		77 - 120		02/13/24 19:00	1

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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)
480-217057-1	BCC BSA SUMP	107	103	103	102
480-217057-2	TRIP BLANK	106	103	104	102
LCS 480-700646/6	Lab Control Sample	107	105	106	106
MB 480-700646/8	Method Blank	105	105	103	103

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)
480-217057-1	BCC BSA SUMP	100	94	81	95	56	81
LCS 480-700783/2-A	Lab Control Sample	95	101	75	92	52	99
LCSD 480-700783/3-A	Lab Control Sample Dup	88	96	75	93	57	98
MB 480-700783/1-A	Method Blank	63	88	65	90	48	90

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)
480-217057-1	BCC BSA SUMP	38	61
LCS 480-701055/2-A	Lab Control Sample	53	52
LCSD 480-701055/3-A	Lab Control Sample Dup	54	55
MB 480-701055/1-A	Method Blank	52	66

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: MB 480-700646/8

Matrix: Water

Analysis Batch: 700646

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			02/13/24 15:02	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/13/24 15:02	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/24 15:02	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/13/24 15:02	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/13/24 15:02	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/13/24 15:02	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/24 15:02	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/24 15:02	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/13/24 15:02	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/13/24 15:02	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/13/24 15:02	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/13/24 15:02	1
Acrolein	ND		100	17	ug/L			02/13/24 15:02	1
Acrylonitrile	ND		50	1.9	ug/L			02/13/24 15:02	1
Benzene	ND		5.0	0.60	ug/L			02/13/24 15:02	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/13/24 15:02	1
Bromoform	ND		5.0	0.47	ug/L			02/13/24 15:02	1
Bromomethane	ND		5.0	1.2	ug/L			02/13/24 15:02	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/24 15:02	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/13/24 15:02	1
Chloroethane	ND		5.0	0.87	ug/L			02/13/24 15:02	1
Chloroform	ND		5.0	0.54	ug/L			02/13/24 15:02	1
Chloromethane	ND		5.0	0.64	ug/L			02/13/24 15:02	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/13/24 15:02	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/13/24 15:02	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/13/24 15:02	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/24 15:02	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/13/24 15:02	1
Toluene	ND		5.0	0.45	ug/L			02/13/24 15:02	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/13/24 15:02	1
Trichloroethene	ND		5.0	0.60	ug/L			02/13/24 15:02	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/13/24 15:02	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/13/24 15:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 130		02/13/24 15:02	1
4-Bromofluorobenzene (Surr)	105		76 - 123		02/13/24 15:02	1
Dibromofluoromethane (Surr)	103		75 - 123		02/13/24 15:02	1
Toluene-d8 (Surr)	103		77 - 120		02/13/24 15:02	1

Lab Sample ID: LCS 480-700646/6

Matrix: Water

Analysis Batch: 700646

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	23.1		ug/L		115	52 - 162
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		98	46 - 157
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	52 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: LCS 480-700646/6

Matrix: Water

Analysis Batch: 700646

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	20.6		ug/L		103	59 - 155
1,1-Dichloroethene	20.0	20.5		ug/L		103	1 - 234
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	18 - 190
1,2-Dichloroethane	20.0	20.7		ug/L		103	49 - 155
1,2-Dichloropropane	20.0	20.3		ug/L		102	1 - 210
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	59 - 156
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	18 - 190
2-Chloroethyl vinyl ether	20.0	19.6	J	ug/L		98	1 - 305
Acrolein	100	96.5	J	ug/L		97	10 - 176
Acrylonitrile	200	189		ug/L		94	54 - 147
Benzene	20.0	20.8		ug/L		104	37 - 151
Bromodichloromethane	20.0	20.9		ug/L		104	35 - 155
Bromoform	20.0	20.8		ug/L		104	45 - 169
Bromomethane	20.0	22.4		ug/L		112	1 - 242
Carbon tetrachloride	20.0	24.1		ug/L		121	70 - 140
Chlorobenzene	20.0	20.6		ug/L		103	37 - 160
Chloroethane	20.0	20.2		ug/L		101	14 - 230
Chloroform	20.0	20.3		ug/L		102	51 - 138
Chloromethane	20.0	19.6		ug/L		98	1 - 273
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	1 - 227
Dibromochloromethane	20.0	20.4		ug/L		102	53 - 149
Ethylbenzene	20.0	20.9		ug/L		105	37 - 162
Methylene Chloride	20.0	21.0		ug/L		105	1 - 221
Tetrachloroethene	20.0	21.3		ug/L		106	64 - 148
Toluene	20.0	20.6		ug/L		103	47 - 150
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	17 - 183
Trichloroethene	20.0	21.0		ug/L		105	71 - 157
Trichlorofluoromethane	20.0	28.8		ug/L		144	17 - 181
Vinyl chloride	20.0	23.2		ug/L		116	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		68 - 130
4-Bromofluorobenzene (Surr)	105		76 - 123
Dibromofluoromethane (Surr)	106		75 - 123
Toluene-d8 (Surr)	106		77 - 120

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

Lab Sample ID: MB 480-700783/1-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 700783

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		02/14/24 13:50	02/15/24 12:06	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		02/14/24 13:50	02/15/24 12:06	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		02/14/24 13:50	02/15/24 12:06	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		02/14/24 13:50	02/15/24 12:06	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		02/14/24 13:50	02/15/24 12:06	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: MB 480-700783/1-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 700783

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		02/14/24 13:50	02/15/24 12:06	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		02/14/24 13:50	02/15/24 12:06	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		02/14/24 13:50	02/15/24 12:06	1
2-Chloronaphthalene	ND		20	0.91	ug/L		02/14/24 13:50	02/15/24 12:06	1
2-Chlorophenol	ND		20	0.66	ug/L		02/14/24 13:50	02/15/24 12:06	1
2-Nitrophenol	ND		20	0.70	ug/L		02/14/24 13:50	02/15/24 12:06	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		02/14/24 13:50	02/15/24 12:06	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		02/14/24 13:50	02/15/24 12:06	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		02/14/24 13:50	02/15/24 12:06	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		02/14/24 13:50	02/15/24 12:06	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		02/14/24 13:50	02/15/24 12:06	1
4-Nitrophenol	ND		40	1.9	ug/L		02/14/24 13:50	02/15/24 12:06	1
Acenaphthene	ND		20	0.81	ug/L		02/14/24 13:50	02/15/24 12:06	1
Acenaphthylene	ND		20	0.87	ug/L		02/14/24 13:50	02/15/24 12:06	1
Aniline	ND		40	1.5	ug/L		02/14/24 13:50	02/15/24 12:06	1
Anthracene	ND		20	1.4	ug/L		02/14/24 13:50	02/15/24 12:06	1
Benzidine	ND		320	54	ug/L		02/14/24 13:50	02/15/24 12:06	1
Benzo[a]anthracene	ND		20	1.1	ug/L		02/14/24 13:50	02/15/24 12:06	1
Benzo[a]pyrene	ND		20	1.3	ug/L		02/14/24 13:50	02/15/24 12:06	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		02/14/24 13:50	02/15/24 12:06	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		02/14/24 13:50	02/15/24 12:06	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		02/14/24 13:50	02/15/24 12:06	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		02/14/24 13:50	02/15/24 12:06	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		02/14/24 13:50	02/15/24 12:06	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		02/14/24 13:50	02/15/24 12:06	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		02/14/24 13:50	02/15/24 12:06	1
Chrysene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		02/14/24 13:50	02/15/24 12:06	1
Diethyl phthalate	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
Dimethyl phthalate	ND		20	0.91	ug/L		02/14/24 13:50	02/15/24 12:06	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		02/14/24 13:50	02/15/24 12:06	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		02/14/24 13:50	02/15/24 12:06	1
Fluoranthene	ND		20	1.6	ug/L		02/14/24 13:50	02/15/24 12:06	1
Fluorene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
Hexachlorobenzene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
Hexachlorobutadiene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		02/14/24 13:50	02/15/24 12:06	1
Hexachloroethane	ND		20	0.60	ug/L		02/14/24 13:50	02/15/24 12:06	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		02/14/24 13:50	02/15/24 12:06	1
Isophorone	ND		20	0.74	ug/L		02/14/24 13:50	02/15/24 12:06	1
Naphthalene	ND		20	0.86	ug/L		02/14/24 13:50	02/15/24 12:06	1
Decane	ND		40	1.6	ug/L		02/14/24 13:50	02/15/24 12:06	1
Nitrobenzene	ND		20	0.81	ug/L		02/14/24 13:50	02/15/24 12:06	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		02/14/24 13:50	02/15/24 12:06	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		02/14/24 13:50	02/15/24 12:06	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		02/14/24 13:50	02/15/24 12:06	1
n-Octadecane	ND		40	1.2	ug/L		02/14/24 13:50	02/15/24 12:06	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: MB 480-700783/1-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 700783

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		02/14/24 13:50	02/15/24 12:06	1
Phenanthrene	ND		20	1.2	ug/L		02/14/24 13:50	02/15/24 12:06	1
Phenol	ND		20	0.35	ug/L		02/14/24 13:50	02/15/24 12:06	1
Pyrene	ND		20	1.4	ug/L		02/14/24 13:50	02/15/24 12:06	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		02/14/24 13:50	02/15/24 12:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		52 - 151	02/14/24 13:50	02/15/24 12:06	1
2-Fluorobiphenyl	88		44 - 120	02/14/24 13:50	02/15/24 12:06	1
2-Fluorophenol	65		17 - 120	02/14/24 13:50	02/15/24 12:06	1
Nitrobenzene-d5	90		15 - 314	02/14/24 13:50	02/15/24 12:06	1
Phenol-d5	48		8 - 424	02/14/24 13:50	02/15/24 12:06	1
p-Terphenyl-d14	90		22 - 125	02/14/24 13:50	02/15/24 12:06	1

Lab Sample ID: LCS 480-700783/2-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 700783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	27.2	J	ug/L		85	44 - 142
1,2-Dichlorobenzene	32.0	26.2	J	ug/L		82	32 - 129
1,3-Dichlorobenzene	32.0	26.1	J	ug/L		82	1 - 172
1,4-Dichlorobenzene	32.0	26.8	J	ug/L		84	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	29.8		ug/L		93	36 - 166
2,4,6-Trichlorophenol	32.0	35.7		ug/L		112	37 - 144
2,4-Dichlorophenol	32.0	32.3		ug/L		101	39 - 135
2,4-Dimethylphenol	32.0	31.4		ug/L		98	32 - 120
2,4-Dinitrophenol	64.0	69.7		ug/L		109	1 - 191
2,4-Dinitrotoluene	32.0	34.3		ug/L		107	39 - 139
2-Chloronaphthalene	32.0	30.4		ug/L		95	60 - 120
2-Chlorophenol	32.0	28.6		ug/L		89	23 - 134
2-Nitrophenol	32.0	29.2		ug/L		91	29 - 182
3,3'-Dichlorobenzidine	64.0	62.7		ug/L		98	1 - 262
4,6-Dinitro-2-methylphenol	64.0	64.2		ug/L		100	1 - 181
4-Bromophenyl phenyl ether	32.0	31.6		ug/L		99	53 - 127
4-Chloro-3-methylphenol	32.0	32.5		ug/L		102	22 - 147
4-Chlorophenyl phenyl ether	32.0	32.8		ug/L		103	25 - 158
4-Nitrophenol	64.0	53.2		ug/L		83	1 - 132
Acenaphthene	32.0	32.7		ug/L		102	47 - 145
Acenaphthylene	32.0	32.4		ug/L		101	33 - 145
Aniline	32.0	23.6	J	ug/L		74	40 - 120
Anthracene	32.0	33.6		ug/L		105	27 - 133
Benzo[a]anthracene	32.0	32.2		ug/L		101	33 - 143
Benzo[a]pyrene	32.0	33.1		ug/L		103	17 - 163
Benzo[b]fluoranthene	32.0	32.8		ug/L		102	24 - 159
Benzo[g,h,i]perylene	32.0	32.5		ug/L		102	1 - 219
Benzo[k]fluoranthene	32.0	32.8		ug/L		102	11 - 162
Bis(2-chloroethoxy)methane	32.0	30.2		ug/L		94	33 - 184

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: LCS 480-700783/2-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 700783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	26.0		ug/L		81	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	31.8	J	ug/L		99	8 - 158
Butyl benzyl phthalate	32.0	31.2		ug/L		98	1 - 152
Chrysene	32.0	31.9		ug/L		100	17 - 168
Dibenz(a,h)anthracene	32.0	33.6		ug/L		105	1 - 227
Diethyl phthalate	32.0	34.9		ug/L		109	1 - 120
Dimethyl phthalate	32.0	34.2		ug/L		107	1 - 120
Di-n-butyl phthalate	32.0	33.1		ug/L		103	1 - 120
Di-n-octyl phthalate	32.0	32.6		ug/L		102	4 - 146
Fluoranthene	32.0	33.2		ug/L		104	26 - 137
Fluorene	32.0	33.4		ug/L		104	59 - 121
Hexachlorobenzene	32.0	32.8		ug/L		102	1 - 152
Hexachlorocyclopentadiene	32.0	20.5		ug/L		64	5 - 120
Hexachloroethane	32.0	23.3		ug/L		73	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.5		ug/L		105	1 - 171
Isophorone	32.0	30.3		ug/L		95	21 - 196
Naphthalene	32.0	29.7		ug/L		93	21 - 133
Nitrobenzene	32.0	28.6		ug/L		89	35 - 180
N-Nitrosodi-n-propylamine	32.0	29.2		ug/L		91	1 - 230
N-Nitrosodiphenylamine	32.0	31.1		ug/L		97	54 - 125
Pentachlorophenol	64.0	54.1		ug/L		85	14 - 176
Phenanthrene	32.0	31.9		ug/L		100	54 - 120
Phenol	32.0	18.2	J	ug/L		57	5 - 120
Pyrene	32.0	32.4		ug/L		101	52 - 120
2,6-Dinitrotoluene	32.0	33.9		ug/L		106	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	95		52 - 151
2-Fluorobiphenyl	101		44 - 120
2-Fluorophenol	75		17 - 120
Nitrobenzene-d5	92		15 - 314
Phenol-d5	52		8 - 424
p-Terphenyl-d14	99		22 - 125

Lab Sample ID: LCSD 480-700783/3-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 700783

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	25.7	J	ug/L		80	44 - 142	6	34
1,2-Dichlorobenzene	32.0	27.2	J	ug/L		85	32 - 129	4	38
1,3-Dichlorobenzene	32.0	26.1	J	ug/L		82	1 - 172	0	37
1,4-Dichlorobenzene	32.0	26.5	J	ug/L		83	20 - 124	1	40
2,2'-oxybis[1-chloropropane]	32.0	30.3		ug/L		95	36 - 166	2	36
2,4,6-Trichlorophenol	32.0	32.7		ug/L		102	37 - 144	9	20
2,4-Dichlorophenol	32.0	30.8		ug/L		96	39 - 135	5	23
2,4-Dimethylphenol	32.0	30.5		ug/L		95	32 - 120	3	18
2,4-Dinitrophenol	64.0	67.3		ug/L		105	1 - 191	4	29

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: LCSD 480-700783/3-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 700783

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	32.0	33.2		ug/L		104	39 - 139	3	20
2-Chloronaphthalene	32.0	26.9		ug/L		84	60 - 120	12	30
2-Chlorophenol	32.0	29.4		ug/L		92	23 - 134	3	26
2-Nitrophenol	32.0	30.1		ug/L		94	29 - 182	3	28
3,3'-Dichlorobenzidine	64.0	61.8		ug/L		97	1 - 262	2	31
4,6-Dinitro-2-methylphenol	64.0	63.8		ug/L		100	1 - 181	1	30
4-Bromophenyl phenyl ether	32.0	29.9		ug/L		93	53 - 127	6	16
4-Chloro-3-methylphenol	32.0	30.9		ug/L		97	22 - 147	5	16
4-Chlorophenyl phenyl ether	32.0	29.9		ug/L		94	25 - 158	9	15
4-Nitrophenol	64.0	53.1		ug/L		83	1 - 132	0	24
Acenaphthene	32.0	29.3		ug/L		92	47 - 145	11	25
Acenaphthylene	32.0	30.7		ug/L		96	33 - 145	5	22
Aniline	32.0	25.7	J	ug/L		80	40 - 120	8	30
Anthracene	32.0	31.0		ug/L		97	27 - 133	8	15
Benzo[a]anthracene	32.0	32.1		ug/L		100	33 - 143	1	15
Benzo[a]pyrene	32.0	32.2		ug/L		101	17 - 163	3	15
Benzo[b]fluoranthene	32.0	32.4		ug/L		101	24 - 159	1	17
Benzo[g,h,i]perylene	32.0	32.3		ug/L		101	1 - 219	0	19
Benzo[k]fluoranthene	32.0	31.2		ug/L		98	11 - 162	5	19
Bis(2-chloroethoxy)methane	32.0	30.9		ug/L		97	33 - 184	2	23
Bis(2-chloroethyl)ether	32.0	28.1		ug/L		88	12 - 158	8	33
Bis(2-ethylhexyl) phthalate	32.0	31.3	J	ug/L		98	8 - 158	2	15
Butyl benzyl phthalate	32.0	30.7		ug/L		96	1 - 152	2	15
Chrysene	32.0	31.7		ug/L		99	17 - 168	1	15
Dibenz(a,h)anthracene	32.0	33.4		ug/L		104	1 - 227	1	18
Diethyl phthalate	32.0	34.1		ug/L		107	1 - 120	2	15
Dimethyl phthalate	32.0	32.3		ug/L		101	1 - 120	6	15
Di-n-butyl phthalate	32.0	31.0		ug/L		97	1 - 120	6	15
Di-n-octyl phthalate	32.0	32.1		ug/L		100	4 - 146	2	15
Fluoranthene	32.0	31.8		ug/L		99	26 - 137	4	15
Fluorene	32.0	31.6		ug/L		99	59 - 121	5	18
Hexachlorobenzene	32.0	31.0		ug/L		97	1 - 152	6	15
Hexachlorocyclopentadiene	32.0	17.4	J	ug/L		54	5 - 120	16	50
Hexachloroethane	32.0	22.3		ug/L		70	40 - 120	5	43
Indeno[1,2,3-cd]pyrene	32.0	33.2		ug/L		104	1 - 171	1	17
Isophorone	32.0	30.3		ug/L		95	21 - 196	0	21
Naphthalene	32.0	28.1		ug/L		88	21 - 133	6	31
Nitrobenzene	32.0	29.3		ug/L		92	35 - 180	3	27
N-Nitrosodi-n-propylamine	32.0	30.0		ug/L		94	1 - 230	3	23
N-Nitrosodiphenylamine	32.0	30.8		ug/L		96	54 - 125	1	15
Pentachlorophenol	64.0	51.8		ug/L		81	14 - 176	4	21
Phenanthrene	32.0	30.0		ug/L		94	54 - 120	6	16
Phenol	32.0	19.0	J	ug/L		59	5 - 120	5	36
Pyrene	32.0	31.3		ug/L		98	52 - 120	3	15
2,6-Dinitrotoluene	32.0	31.5		ug/L		99	50 - 158	7	17

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol	88		52 - 151

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: LCSD 480-700783/3-A

Matrix: Water

Analysis Batch: 700849

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 700783

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	96		44 - 120
2-Fluorophenol	75		17 - 120
Nitrobenzene-d5	93		15 - 314
Phenol-d5	57		8 - 424
p-Terphenyl-d14	98		22 - 125

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

Lab Sample ID: MB 480-701055/1-A

Matrix: Water

Analysis Batch: 701190

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 701055

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
PCB-1016	ND		0.060	0.038	ug/L		02/16/24 13:46	02/19/24 16:30	1
PCB-1221	ND		0.060	0.038	ug/L		02/16/24 13:46	02/19/24 16:30	1
PCB-1232	ND		0.060	0.038	ug/L		02/16/24 13:46	02/19/24 16:30	1
PCB-1242	ND		0.060	0.038	ug/L		02/16/24 13:46	02/19/24 16:30	1
PCB-1248	ND		0.060	0.038	ug/L		02/16/24 13:46	02/19/24 16:30	1
PCB-1254	ND		0.060	0.031	ug/L		02/16/24 13:46	02/19/24 16:30	1
PCB-1260	ND		0.060	0.031	ug/L		02/16/24 13:46	02/19/24 16:30	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
DCB Decachlorobiphenyl	52		36 - 121				02/16/24 13:46	02/19/24 16:30	1
Tetrachloro-m-xylene	66		42 - 135				02/16/24 13:46	02/19/24 16:30	1

Lab Sample ID: LCS 480-701055/2-A

Matrix: Water

Analysis Batch: 701190

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 701055

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits	
Added	Result	Qualifier							
PCB-1016	1.00	0.740		ug/L		74		69 - 123	
PCB-1260	1.00	0.836		ug/L		84		69 - 120	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	53		36 - 121
Tetrachloro-m-xylene	52		42 - 135

Lab Sample ID: LCSD 480-701055/3-A

Matrix: Water

Analysis Batch: 701190

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 701055

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
Added	Result	Qualifier							Limit	
PCB-1016	1.00	0.790		ug/L		79		69 - 123	7	30
PCB-1260	1.00	0.875		ug/L		88		69 - 120	5	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	54		36 - 121
Tetrachloro-m-xylene	55		42 - 135

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-700671/1-A
Matrix: Water
Analysis Batch: 700879

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		02/14/24 08:50	02/14/24 22:05	1
Copper	0.00361	J	0.010	0.0016	mg/L		02/14/24 08:50	02/14/24 22:05	1
Lead	ND		0.010	0.0030	mg/L		02/14/24 08:50	02/14/24 22:05	1
Nickel	ND		0.010	0.0013	mg/L		02/14/24 08:50	02/14/24 22:05	1
Zinc	0.00213	J	0.010	0.0015	mg/L		02/14/24 08:50	02/14/24 22:05	1

Lab Sample ID: LCS 480-700671/2-A
Matrix: Water
Analysis Batch: 700879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.516		mg/L		103	85 - 115
Copper	0.500	0.498		mg/L		100	85 - 115
Lead	0.500	0.499		mg/L		100	85 - 115
Nickel	0.500	0.501		mg/L		100	85 - 115
Zinc	0.500	0.531		mg/L		106	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-701006/1-A
Matrix: Water
Analysis Batch: 701092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 701006

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		02/16/24 11:38	02/16/24 15:57	1

Lab Sample ID: LCS 480-701006/2-A
Matrix: Water
Analysis Batch: 701092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 701006

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00659		mg/L		98	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-701207/17
Matrix: Water
Analysis Batch: 701207

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			02/16/24 18:06	1

Lab Sample ID: LCS 480-701207/18
Matrix: Water
Analysis Batch: 701207

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

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Lab Sample ID: MB 480-700765/1
Matrix: Water
Analysis Batch: 700765

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			02/14/24 10:55	1

Lab Sample ID: LCS 480-700765/2
Matrix: Water
Analysis Batch: 700765

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	250	239.6		mg/L		96	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-700976/1
Matrix: Water
Analysis Batch: 700976

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 480-700789/27
Matrix: Water
Analysis Batch: 700789

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			02/14/24 12:50	1

Lab Sample ID: LCS 480-700789/28
Matrix: Water
Analysis Batch: 700789

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	0.208		mg/L as P		104	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-700804/1
Matrix: Water
Analysis Batch: 700804

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			02/14/24 16:36	1

Lab Sample ID: LCS 480-700804/2
Matrix: Water
Analysis Batch: 700804

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	178.5		mg/L		90	85 - 115

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

GC/MS VOA

Analysis Batch: 700646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-217057-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-700646/8	Method Blank	Total/NA	Water	624.1	
LCS 480-700646/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 700783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-700783/1-A	Method Blank	Total/NA	Water	625	
LCS 480-700783/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-700783/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 700849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	625.1	700783
MB 480-700783/1-A	Method Blank	Total/NA	Water	625.1	700783
LCS 480-700783/2-A	Lab Control Sample	Total/NA	Water	625.1	700783
LCSD 480-700783/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	700783

GC Semi VOA

Prep Batch: 701055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-701055/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-701055/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-701055/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 701190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	608.3	701055
MB 480-701055/1-A	Method Blank	Total/NA	Water	608.3	701055
LCS 480-701055/2-A	Lab Control Sample	Total/NA	Water	608.3	701055
LCSD 480-701055/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	701055

Metals

Prep Batch: 700671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-700671/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-700671/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 700879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	700671
MB 480-700671/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	700671
LCS 480-700671/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	700671

Eurofins Buffalo

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

Metals

Prep Batch: 701006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-701006/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-701006/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 701092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	245.1	701006
MB 480-701006/1-A	Method Blank	Total/NA	Water	245.1	701006
LCS 480-701006/2-A	Lab Control Sample	Total/NA	Water	245.1	701006

General Chemistry

Analysis Batch: 700765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-700765/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-700765/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 700789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-700789/27	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-700789/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 700804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-700804/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-700804/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 700976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-700976/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 701163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 701207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217057-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-701207/17	Method Blank	Total/NA	Water	420.4	
LCS 480-701207/18	Lab Control Sample	Total/NA	Water	420.4	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-217057-1

Date Collected: 02/13/24 11:30

Matrix: Water

Date Received: 02/13/24 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	700646	AXK	EET BUF	02/13/24 18:36
Total/NA	Prep	625			700783	LSC	EET BUF	02/14/24 13:50
Total/NA	Analysis	625.1		1	700849	JMM	EET BUF	02/15/24 15:52
Total/NA	Prep	3510C			701055	LSC	EET BUF	02/16/24 13:46
Total/NA	Analysis	608.3		1	701190	H9RU	EET BUF	02/19/24 17:23
Total/NA	Prep	200.7			700671	ESB	EET BUF	02/14/24 08:50
Total/NA	Analysis	200.7 Rev 4.4		1	700879	BMB	EET BUF	02/14/24 22:23
Total/NA	Prep	245.1			701006	NVK	EET BUF	02/16/24 11:38
Total/NA	Analysis	245.1		1	701092	NVK	EET BUF	02/16/24 16:12
Total/NA	Analysis	420.4		1	701207	GW	EET BUF	02/16/24 19:16
Total/NA	Analysis	SM 2540D		1	700765	KO	EET BUF	02/14/24 10:55
Total/NA	Analysis	SM 4500 CN G		1	701163	DLG	EET BUF	02/17/24 15:51
Total/NA	Analysis	SM 4500 H+ B		1	700976	KB	EET BUF	02/15/24 21:39
Total/NA	Analysis	SM 4500 P E		1	700789	RMJ	EET BUF	02/14/24 12:50
Total/NA	Analysis	SM 5210B		1	700804	GW	EET BUF	02/14/24 16:36

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-217057-2

Date Collected: 02/13/24 11:30

Matrix: Water

Date Received: 02/13/24 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	700646	AXK	EET BUF	02/13/24 19:00

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: 480-217057-1

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: 480-217057-1

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: 480-217057-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-217057-1	BCC BSA SUMP	Water	02/13/24 11:30	02/13/24 14:50
480-217057-2	TRIP BLANK	Water	02/13/24 11:30	02/13/24 14:50

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16

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-217057-1

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

Client Information Client Contact: Kirsten Colligan Company: Ontario Specialty Contracting, Inc. Address: 140 Lee St, Buffalo, 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: 716-480-3282 Lab PM: Schove, John R E-Mail: John.Schove@et.eurofinsus.com		Carrier Tracking No(s): OSC State of Origin: NY COC No: 480-191564-6057.1 Page: Page 1 of 1 Job #: 16011																																																							
Due Date Requested: standard TAT Requested (days): 2 weeks Compliance Project: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No PO #: 66969 WO #: 66971 Project #: 48003159 SOW#:		Analysis Requested <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Sample Identification</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=Comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=waste/oil, BT=tissue, AA=air)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform Method (Yes or No)</th> <th>4500_P.E - Phosphorus</th> <th>420.4 - Phenolics, Total Recoverable</th> <th>624.5ml - Priority Pollutant List - VOA - 62</th> <th>608_PCB - Priority Pollutant PCBs</th> <th>625 - Priority Pollutant List - SVOA - 6</th> <th>5210B - Biochemical Oxygen Demand</th> <th>2540D - Total Suspended Solids</th> <th>SM4500CN_G_Calc - Cyanide, Amenable</th> <th>SM4500_H+ - pH</th> <th>Total Number of Containers</th> <th>Special Instructions/Note:</th> </tr> <tr> <td>BCC BSA SUMP</td> <td>2-13-24</td> <td>11:30</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td>1</td> <td>1</td> <td>8</td> <td>2</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td></td> </tr> <tr> <td>Trip Blank</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, AA=air)	Field Filtered Sample (Yes or No)	Perform Method (Yes or No)	4500_P.E - Phosphorus	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	Special Instructions/Note:	BCC BSA SUMP	2-13-24	11:30	G	Water			1	1	8	2	2	1	1	1	1	1		Trip Blank				Water													
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, AA=air)	Field Filtered Sample (Yes or No)	Perform Method (Yes or No)	4500_P.E - Phosphorus	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	Special Instructions/Note:																																										
BCC BSA SUMP	2-13-24	11:30	G	Water			1	1	8	2	2	1	1	1	1	1																																											
Trip Blank				Water																																																							
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:																																																									
Empty Kit Relinquished by: Jeff a Kunzelman Relinquished by: Jeff a Kunzelman Relinquished by:		Date: 2-13-24 14:50 Date/Time: 2-13-24 14:50 Date/Time:		Date: 2-13-24 14:50 Date/Time: 2-13-24 14:50 Date/Time:		Method of Shipment: CU Received by: John Schove Received by:																																																					
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: 2482599		Cooler Temperature(s) °C and Other Remarks: 14.2 #1 ICE																																																									

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-217057-1

Login Number: 217057

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	Yes: Received same day of collection; chilling process has begun
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
1/5/2024	TK	45	45	34	24	42	30	10.8	38	32	35	35	8.34	20	10.8	42,147,982	27	21.6	1,345,086	27							
1/12/2024	TK	45	45	33	21	40	30	11.2	38	34	35	35	8.23	20	10.8	42,206,040	27	21.2	1,348,336	27							
1/19/2024	TK	45	45	33	22	40	28	10.9	38	34	35	35	8.48	20	10.9	42,262,936	27	20.8	1,351,426	27							
1/26/2024	TK	45	45	33	20	40	30	11.0	40	34	35	35	8.43	20	10.8	42,320,316	27	18.8	1,354,945	27							
2/2/2024	TK	45	45	34	22	40	36	11.0	40	36	35	35	8.18	20	10.9	42,379,904	27	20.2	1,358,521	27							
2/9/2024	TK	45	45	34	22	42	30	10.7	38	34	35	35	8.24	20	10.7	42,438,948	27	21.7	1,361,888	27							
2/16/2024	TK	45	45	33	21	42	30	10.9	40	36	35	35	8.26	20	10.9	42,504,376	27	21.2	1,365,685	27							
2/23/2024	TK	45	45	34	23	40	30	10.8	38	34	35	35	8.14	20	10.7	42,562,716	27	20.3	1,369,048	27							
3/1/2024	TK	45	45	34	20	42	30	10.8	38	34	35	35	8.09	20	10.8	42,627,376	27	19.1	1,372,706	27							
3/8/2024	TK	45	45	34	20	42	32	11.1	40	36	35	35	8.05	20	11	42,663,904	27	16.8	1,374,678	27							
3/15/2024	TK	45	45	34	18	42	30	10.4	38	36	35	35	8.19	20	10.4	42,728,856	27	16.4	1,378,274	27							
3/22/2024	JL	45	45	34	18	42	30	10.6	38	36	35	35	8.33	20	10.5	42,796,408	27	15.9	1,382,015	27							
3/29/2024	TK	45	45	34	23	42	30	11	38	34	35	35	8.05	20	10.9	42,852,940	27	22.4	1,385,202	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			
1/1/2024													
1/2/2024					1			2	2	2			
1/3/2024													
1/4/2024					1	1		2	2	2			
1/5/2024								2	2	2			
1/6/2024													
1/7/2024													
1/8/2024								2	2	2			
1/9/2024					1	1		2	2	2			
1/10/2024													
1/11/2024								2	2	2			
1/12/2024								2	2	2			
1/13/2024													
1/14/2024													
1/15/2024					1	1	1	2	2	2			
1/16/2024								2	2	2			
1/17/2024													
1/18/2024					1	1		2	2	2			
1/19/2024								2	2	2			
1/20/2024													
1/21/2024													
1/22/2024					1			2	2	2			
1/23/2024								1	2	2			
1/24/2024													
1/25/2024					1	1		1	1	1			
1/26/2024								1	2	2			
1/27/2024													
1/28/2024													
1/29/2024								1	2	2			
1/30/2024					1			1	2	2			
1/31/2024													
2/1/2024					1			1	2	2			
2/2/2024								1	2	2			
2/3/2024													
2/4/2024													
2/5/2024					1	1	1	2	2	2	1	1	
2/6/2024								1	2	2			
2/7/2024													
2/8/2024								1	2	2			
2/9/2024								1	2	2			
2/10/2024													
2/11/2024								1	1	1			system down 2.10.24 @ 22:09 back -up 2.11.24 @ 09:00
2/12/2024					1			2	2	2			
2/13/2024								2	2	2			
2/14/2024													
2/15/2024								2	2	2			system down 2.14.24 @ 21:36 back-up 2.15.24 @ 06:00
2/16/2024								2	2	2			
2/17/2024													
2/18/2024													
2/19/2024								2	2	2			
2/20/2024					1			2	2	2			
2/21/2024													
2/22/2024								2	2	2			
2/23/2024								2	2	2			
2/24/2024													
2/25/2024								1	1	1			system down 2.24.24 @ 22:48 back-up 2.25.24 @ 05:30
2/26/2024					1		1	2	2	2			
2/27/2024								2	2	2			
2/28/2024													
2/29/2024								2	2	2			system down 2.28.24 @ 19:19 back-up 2.29.24 @ 07:00
3/1/2024								2	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
3/2/2024													
3/3/2024													
3/4/2024								2	2	2			System down 3.3.24 @00:34 back-up 3.4.24 @09:00
3/5/2024								1	1	1			
3/6/2024								1	1	1			
3/7/2024								2	2	2			
3/8/2024								2	2	2			
3/9/2024													
3/10/2024								1	1	1			System down 3.10.24 @00:15 back -up 09:30 3.10.24
3/11/2024					1	1		2	2	2			
3/12/2024								2	2	2			
3/13/2024													
3/14/2024								2	2	2			
3/15/2024								2	2	2			
3/16/2024								1	1	1			System down 3.16.24 @20:40 back-up 10:45 3.17.24
3/17/2024													
3/18/2024								2	2	2			
3/19/2024									1	1			
3/20/2024								2	1	1			
3/21/2024								2	1	1			
3/22/2024								2	2	2			
3/23/2024													
3/24/2024													
3/25/2024					1	1	1	2	2	2	1	1	
3/26/2024								2	2	2			
3/27/2024								1	1	1			
3/28/2024								2	2	2			
3/29/2024								2	2	2			
3/30/2024													
3/31/2024								1	1	1			System down 3.31.24 @ 00:34 back-up 3.31.24 @16:30



July 31, 2024

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, 2024. 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, 2024 through June 30, 2024**

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-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, but additional wells have been added for the new system. The existing system was shut down for final plumbing/electrical work as well as connecting to the new system on July 16, 2024. The new system is estimated to be running in mid August.

Total Flow Data by Month:

April 2024	360,326 gallons
May 2024	364,165 gallons
June 2024	292,990 gallons

Total Quarterly Discharge 1,017,481 gallons

**Estimated Area D contribution this period:
2,656 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:	5/14/2024	
Sample Location:	Onsite Pump Station to BSA	

Year: 2024
Month: MAY

Event Group: SUMP
Lab Job ID: J219875-1

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	2.2	2.0	mg/L	2.2	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.066	0.010	mg/L	0.006	lbs/day	1.67	lbs/day	Yes	20	0.066	Yes
Total Chromium	7440-47-3	0.5	0.0040	mg/L	0.0473	lbs/day	0.83	lbs/day	Yes	40	0.50	Yes
Total Copper	7440-50-8	0.0018	0.010	mg/L	0.000	lbs/day	0.67	lbs/day	Yes	16	0.0018	Yes
Lead	7439-92-1	0.0036	0.0050	mg/L	0.0003	lbs/day	0.541	lbs/day	Yes	65	0.0036	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	0.0037	0.010	mg/L	0.0003	lbs/day	1.17	lbs/day	Yes	14	0.0037	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	0.075	0.010	mg/L	0.007	lbs/day	2.59	lbs/day	Yes	6.2	0.075	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	7.9	40	ug/L	0.0007	lbs/day	50	lbs/day	Yes	0.01	0.0079	Yes
Benzene	71-43-2	1.9	5	ug/L	0.0002	lbs/day	0.059	lbs/day	Yes	0.142	0.002	Yes
Chlorobenzene	108-90-7	5.8	5	ug/L	0.0005	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	28.52	25	ug/L	0.029	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	90	4.0	mg/L	90.0	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.41	0.010	mg/L	0.410	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	7.871427469	-	gpm	11,335	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	68,695,537	4/1/2024
Final Reading	69,715,674	6/30/2024
Total Days in Period	90	
Total Flow for Period	1,020,137	gallons
Average Flow for Period	7.87	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.

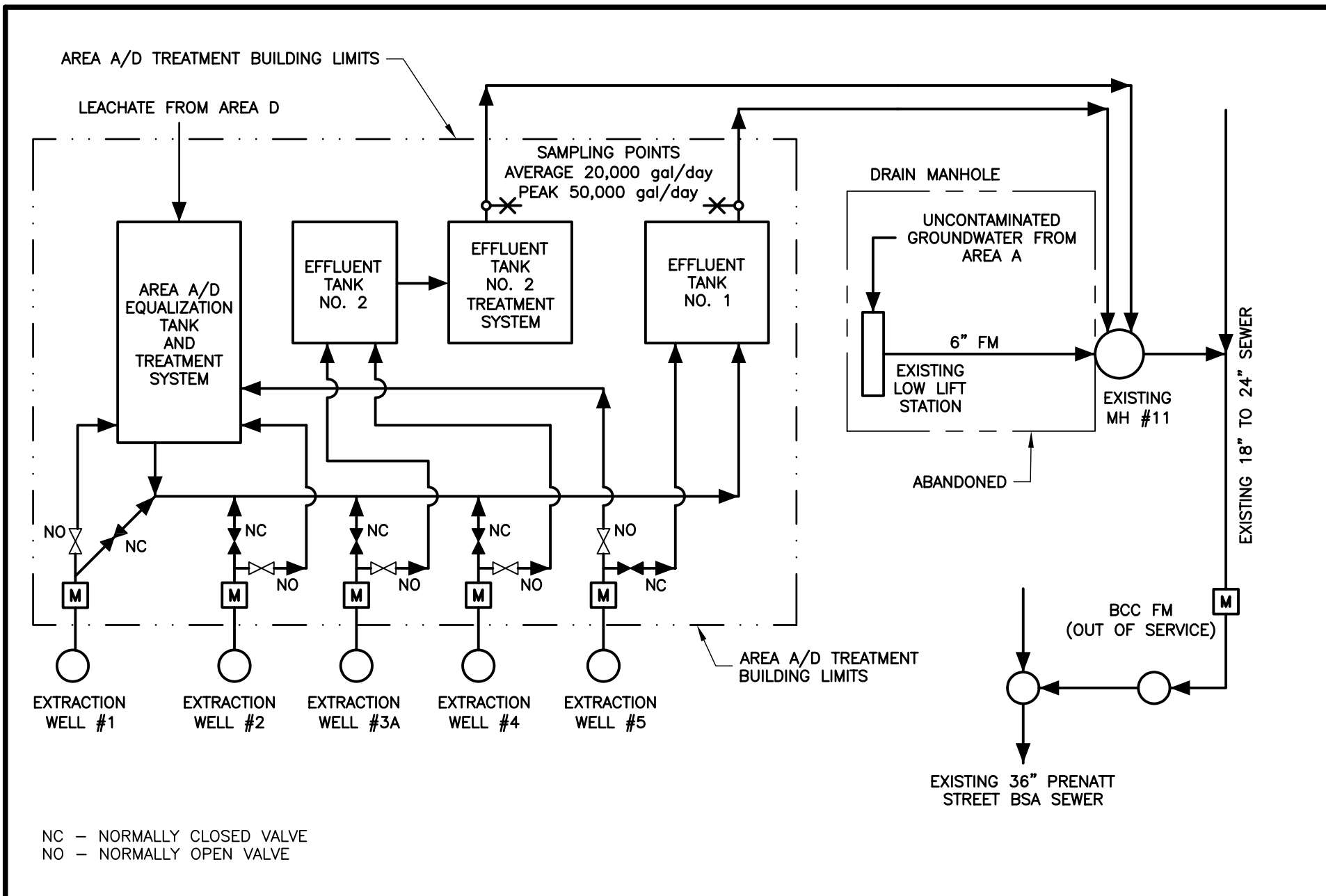
G. CONFIDENTIALITY

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

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JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-219875-1

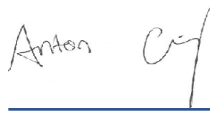
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Job Notes

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.

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

Authorization



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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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.
S1+	Surrogate recovery exceeds control limits, high biased.

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: Quarterly BSA SUMP

Job ID: 480-219875-1

Job ID: 480-219875-1

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Job Narrative 480-219875-1

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

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

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

Receipt

The samples were received on 5/14/2024 3:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

GC/MS VOA

Method 624.1_PREC: The continuing calibration verification (CCV) associated with batch 480-712096 recovered above the upper control limit for Acrolein, Toluene, Tetrachloroethene and Bromoform. 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 (480-219875-1) and TRIP BLANK (480-219875-2).

Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 05/15/2024 as requested by the client: BCC BSA SUMP (480-219875-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

Method 624.1_PREC: Surrogate recovery for the following sample was outside the upper control limit: TRIP BLANK (480-219875-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 624.1_PREC: Surrogate recovery in the continuing calibration verification (CCV) was outside the 20%D recovery but within house limits. The following samples are impacted: BCC BSA SUMP (480-219875-1) and TRIP BLANK (480-219875-2).

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_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-712874.

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

PCBs

Method 608.3_PCB_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-712482.

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. The following sample(s) was received with insufficient preservation at a pH of >2. The sample(s) was preserved to the appropriate pH in the laboratory. Preserved 5/16/24 at 10:31, second pH check 5/17/24 at 16:00.

Method 245.1: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): 480-219875-1. This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 10 mL dilution, which maintained the purple color during digestion.

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

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Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project: Quarterly BSA SUMP

Job ID: 480-219875-1

Job ID: 480-219875-1 (Continued)

Eurofins Buffalo

General Chemistry

Method SM4500_H+: 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 (480-219875-1).

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

Eurofins Buffalo

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-219875-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	1.9	J	5.0	0.60	ug/L	1			624.1	Total/NA
Chlorobenzene	5.8		5.0	0.48	ug/L	1			624.1	Total/NA
2-Chlorophenol	0.72	J	20	0.66	ug/L	1			625.1	Total/NA
Aniline	7.9	J	40	1.5	ug/L	1			625.1	Total/NA
Di-n-butyl phthalate	11	J	20	1.6	ug/L	1			625.1	Total/NA
Phenol	1.2	J	20	0.35	ug/L	1			625.1	Total/NA
Chromium	0.50		0.0040	0.0010	mg/L	1			200.7 Rev 4.4	Total/NA
Copper	0.0018	J	0.010	0.0016	mg/L	1			200.7 Rev 4.4	Total/NA
Lead	0.0036	J	0.010	0.0030	mg/L	1			200.7 Rev 4.4	Total/NA
Nickel	0.0037	J	0.010	0.0013	mg/L	1			200.7 Rev 4.4	Total/NA
Zinc	0.0045	J B	0.010	0.0015	mg/L	1			200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.066		0.010	0.0035	mg/L	1			420.4	Total/NA
Total Suspended Solids	90.0		4.0	4.0	mg/L	1			SM 2540D	Total/NA
Cyanide, Amenable	0.075		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	20.8	HF	0.001	0.001	Degrees C	1			SM 4500 H+ B	Total/NA
Phosphorus	0.41	B	0.010	0.0050	mg/L as P	1			SM 4500 P E	Total/NA
Biochemical Oxygen Demand	2.2		2.0	2.0	mg/L	1			SM 5210B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-219875-2

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: 480-219875-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-219875-1

Date Collected: 05/14/24 13:00

Matrix: Water

Date Received: 05/14/24 15:26

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			05/15/24 19:10	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/15/24 19:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/15/24 19:10	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/15/24 19:10	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/15/24 19:10	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/15/24 19:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/15/24 19:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/15/24 19:10	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/15/24 19:10	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/15/24 19:10	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/15/24 19:10	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/15/24 19:10	1
Acrolein	ND		100	17	ug/L			05/15/24 19:10	1
Acrylonitrile	ND		50	1.9	ug/L			05/15/24 19:10	1
Benzene	1.9	J	5.0	0.60	ug/L			05/15/24 19:10	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/15/24 19:10	1
Bromoform	ND		5.0	0.47	ug/L			05/15/24 19:10	1
Bromomethane	ND		5.0	1.2	ug/L			05/15/24 19:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/15/24 19:10	1
Chlorobenzene	5.8		5.0	0.48	ug/L			05/15/24 19:10	1
Chloroethane	ND		5.0	0.87	ug/L			05/15/24 19:10	1
Chloroform	ND		5.0	0.54	ug/L			05/15/24 19:10	1
Chloromethane	ND		5.0	0.64	ug/L			05/15/24 19:10	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/15/24 19:10	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/15/24 19:10	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/15/24 19:10	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/15/24 19:10	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/15/24 19:10	1
Toluene	ND		5.0	0.45	ug/L			05/15/24 19:10	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/15/24 19:10	1
Trichloroethene	ND		5.0	0.60	ug/L			05/15/24 19:10	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/15/24 19:10	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/15/24 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		68 - 130		05/15/24 19:10	1
4-Bromofluorobenzene (Surr)	94		76 - 123		05/15/24 19:10	1
Dibromofluoromethane (Surr)	101		75 - 123		05/15/24 19:10	1
Toluene-d8 (Surr)	99		77 - 120		05/15/24 19:10	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		05/21/24 13:54	05/22/24 15:12	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		05/21/24 13:54	05/22/24 15:12	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		05/21/24 13:54	05/22/24 15:12	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		05/21/24 13:54	05/22/24 15:12	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		05/21/24 13:54	05/22/24 15:12	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		05/21/24 13:54	05/22/24 15:12	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-219875-1

Date Collected: 05/14/24 13:00

Matrix: Water

Date Received: 05/14/24 15:26

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		05/21/24 13:54	05/22/24 15:12	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		05/21/24 13:54	05/22/24 15:12	1
2-Chloronaphthalene	ND		20	0.91	ug/L		05/21/24 13:54	05/22/24 15:12	1
2-Chlorophenol	0.72	J	20	0.66	ug/L		05/21/24 13:54	05/22/24 15:12	1
2-Nitrophenol	ND		20	0.70	ug/L		05/21/24 13:54	05/22/24 15:12	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		05/21/24 13:54	05/22/24 15:12	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		05/21/24 13:54	05/22/24 15:12	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		05/21/24 13:54	05/22/24 15:12	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		05/21/24 13:54	05/22/24 15:12	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		05/21/24 13:54	05/22/24 15:12	1
4-Nitrophenol	ND		40	1.9	ug/L		05/21/24 13:54	05/22/24 15:12	1
Acenaphthene	ND		20	0.81	ug/L		05/21/24 13:54	05/22/24 15:12	1
Acenaphthylene	ND		20	0.87	ug/L		05/21/24 13:54	05/22/24 15:12	1
Aniline	7.9	J	40	1.5	ug/L		05/21/24 13:54	05/22/24 15:12	1
Anthracene	ND		20	1.4	ug/L		05/21/24 13:54	05/22/24 15:12	1
Benzidine	ND		320	54	ug/L		05/21/24 13:54	05/22/24 15:12	1
Benzo[a]anthracene	ND		20	1.1	ug/L		05/21/24 13:54	05/22/24 15:12	1
Benzo[a]pyrene	ND		20	1.3	ug/L		05/21/24 13:54	05/22/24 15:12	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		05/21/24 13:54	05/22/24 15:12	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		05/21/24 13:54	05/22/24 15:12	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		05/21/24 13:54	05/22/24 15:12	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		05/21/24 13:54	05/22/24 15:12	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		05/21/24 13:54	05/22/24 15:12	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		05/21/24 13:54	05/22/24 15:12	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		05/21/24 13:54	05/22/24 15:12	1
Chrysene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		05/21/24 13:54	05/22/24 15:12	1
Diethyl phthalate	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
Dimethyl phthalate	ND		20	0.91	ug/L		05/21/24 13:54	05/22/24 15:12	1
Di-n-butyl phthalate	11	J	20	1.6	ug/L		05/21/24 13:54	05/22/24 15:12	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		05/21/24 13:54	05/22/24 15:12	1
Fluoranthene	ND		20	1.6	ug/L		05/21/24 13:54	05/22/24 15:12	1
Fluorene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
Hexachlorobenzene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
Hexachlorobutadiene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		05/21/24 13:54	05/22/24 15:12	1
Hexachloroethane	ND		20	0.60	ug/L		05/21/24 13:54	05/22/24 15:12	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		05/21/24 13:54	05/22/24 15:12	1
Isophorone	ND		20	0.74	ug/L		05/21/24 13:54	05/22/24 15:12	1
Naphthalene	ND		20	0.86	ug/L		05/21/24 13:54	05/22/24 15:12	1
Decane	ND		40	1.6	ug/L		05/21/24 13:54	05/22/24 15:12	1
Nitrobenzene	ND		20	0.81	ug/L		05/21/24 13:54	05/22/24 15:12	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		05/21/24 13:54	05/22/24 15:12	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		05/21/24 13:54	05/22/24 15:12	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		05/21/24 13:54	05/22/24 15:12	1
n-Octadecane	ND		40	1.2	ug/L		05/21/24 13:54	05/22/24 15:12	1
Pentachlorophenol	ND		40	3.2	ug/L		05/21/24 13:54	05/22/24 15:12	1
Phenanthrene	ND		20	1.2	ug/L		05/21/24 13:54	05/22/24 15:12	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-219875-1

Date Collected: 05/14/24 13:00

Matrix: Water

Date Received: 05/14/24 15:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	1.2	J	20	0.35	ug/L		05/21/24 13:54	05/22/24 15:12	1
Pyrene	ND		20	1.4	ug/L		05/21/24 13:54	05/22/24 15:12	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		52 - 151	05/21/24 13:54	05/22/24 15:12	1
2-Fluorobiphenyl	95		44 - 120	05/21/24 13:54	05/22/24 15:12	1
2-Fluorophenol	66		17 - 120	05/21/24 13:54	05/22/24 15:12	1
Nitrobenzene-d5	82		15 - 314	05/21/24 13:54	05/22/24 15:12	1
Phenol-d5	49		8 - 424	05/21/24 13:54	05/22/24 15:12	1
p-Terphenyl-d14	77		22 - 125	05/21/24 13:54	05/22/24 15:12	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		05/17/24 13:38	05/19/24 22:45	1
PCB-1221	ND		0.057	0.036	ug/L		05/17/24 13:38	05/19/24 22:45	1
PCB-1232	ND		0.057	0.036	ug/L		05/17/24 13:38	05/19/24 22:45	1
PCB-1242	ND		0.057	0.036	ug/L		05/17/24 13:38	05/19/24 22:45	1
PCB-1248	ND		0.057	0.036	ug/L		05/17/24 13:38	05/19/24 22:45	1
PCB-1254	ND		0.057	0.030	ug/L		05/17/24 13:38	05/19/24 22:45	1
PCB-1260	ND		0.057	0.030	ug/L		05/17/24 13:38	05/19/24 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	38		36 - 121	05/17/24 13:38	05/19/24 22:45	1
Tetrachloro-m-xylene	53		42 - 135	05/17/24 13:38	05/19/24 22:45	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.50		0.0040	0.0010	mg/L		05/23/24 10:56	05/23/24 19:38	1
Copper	0.0018	J	0.010	0.0016	mg/L		05/20/24 09:29	05/21/24 14:58	1
Lead	0.0036	J	0.010	0.0030	mg/L		05/20/24 09:29	05/21/24 14:58	1
Nickel	0.0037	J	0.010	0.0013	mg/L		05/20/24 09:29	05/21/24 14:58	1
Zinc	0.0045	J B	0.010	0.0015	mg/L		05/20/24 09:29	05/21/24 14:58	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00060	0.00013	mg/L		05/17/24 13:22	05/18/24 16:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.066		0.010	0.0035	mg/L			05/23/24 02:19	1
Cyanide, Amenable (SM 4500 CN G)	0.075		0.010	0.0050	mg/L			05/23/24 22:21	1
Phosphorus (SM 4500 P E)	0.41	B	0.010	0.0050	mg/L as P			05/15/24 21:11	1
Biochemical Oxygen Demand (SM 5210B)	2.2		2.0	2.0	mg/L			05/16/24 09:32	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	90.0		4.0	4.0	mg/L			05/16/24 14:17	1
pH (SM 4500 H+ B)	8.0	HF	0.1	0.1	SU			05/15/24 16:42	1
Temperature (SM 4500 H+ B)	20.8	HF	0.001	0.001	Degrees C			05/15/24 16:42	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-219875-2

Date Collected: 05/14/24 00:00

Matrix: Water

Date Received: 05/14/24 15:26

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			05/15/24 19:34	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/15/24 19:34	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/15/24 19:34	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/15/24 19:34	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/15/24 19:34	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/15/24 19:34	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/15/24 19:34	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/15/24 19:34	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/15/24 19:34	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/15/24 19:34	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/15/24 19:34	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/15/24 19:34	1
Acrolein	ND		100	17	ug/L			05/15/24 19:34	1
Acrylonitrile	ND		100	1.9	ug/L			05/15/24 19:34	1
Benzene	ND		5.0	0.60	ug/L			05/15/24 19:34	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/15/24 19:34	1
Bromoform	ND		5.0	0.47	ug/L			05/15/24 19:34	1
Bromomethane	ND		5.0	1.2	ug/L			05/15/24 19:34	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/15/24 19:34	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/15/24 19:34	1
Chloroethane	ND		5.0	0.87	ug/L			05/15/24 19:34	1
Chloroform	ND		5.0	0.54	ug/L			05/15/24 19:34	1
Chloromethane	ND		5.0	0.64	ug/L			05/15/24 19:34	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/15/24 19:34	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/15/24 19:34	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/15/24 19:34	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/15/24 19:34	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/15/24 19:34	1
Toluene	ND		5.0	0.45	ug/L			05/15/24 19:34	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/15/24 19:34	1
Trichloroethene	ND		5.0	0.60	ug/L			05/15/24 19:34	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/15/24 19:34	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/15/24 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 130		05/15/24 19:34	1
4-Bromofluorobenzene (Surr)	124	S1+	76 - 123		05/15/24 19:34	1
Dibromofluoromethane (Surr)	112		75 - 123		05/15/24 19:34	1
Toluene-d8 (Surr)	143	S1+	77 - 120		05/15/24 19:34	1

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Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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)
480-219875-1	BCC BSA SUMP	95	94	101	99
480-219875-2	TRIP BLANK	104	124 S1+	112	143 S1+
LCS 480-712096/6	Lab Control Sample	92	96	97	99
MB 480-712096/8	Method Blank	94	94	101	99

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)
480-219875-1	BCC BSA SUMP	105	95	66	82	49	77
LCS 480-712874/2-A	Lab Control Sample	104	95	71	86	57	98
LCSD 480-712874/3-A	Lab Control Sample Dup	108	94	69	87	56	102
MB 480-712874/1-A	Method Blank	91	94	66	79	50	95

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14

Method: 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)
480-219875-1	BCC BSA SUMP	38	53
LCS 480-712482/2-A	Lab Control Sample	51	57
LCSD 480-712482/3-A	Lab Control Sample Dup	57	54
MB 480-712482/1-A	Method Blank	55	63

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: MB 480-712096/8

Matrix: Water

Analysis Batch: 712096

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/15/24 16:30	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/15/24 16:30	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/15/24 16:30	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/15/24 16:30	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/15/24 16:30	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/15/24 16:30	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/15/24 16:30	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/15/24 16:30	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/15/24 16:30	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/15/24 16:30	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/15/24 16:30	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/15/24 16:30	1
Acrolein	ND		100	17	ug/L			05/15/24 16:30	1
Acrylonitrile	ND		50	1.9	ug/L			05/15/24 16:30	1
Benzene	ND		5.0	0.60	ug/L			05/15/24 16:30	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/15/24 16:30	1
Bromoform	ND		5.0	0.47	ug/L			05/15/24 16:30	1
Bromomethane	ND		5.0	1.2	ug/L			05/15/24 16:30	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/15/24 16:30	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/15/24 16:30	1
Chloroethane	ND		5.0	0.87	ug/L			05/15/24 16:30	1
Chloroform	ND		5.0	0.54	ug/L			05/15/24 16:30	1
Chloromethane	ND		5.0	0.64	ug/L			05/15/24 16:30	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/15/24 16:30	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/15/24 16:30	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/15/24 16:30	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/15/24 16:30	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/15/24 16:30	1
Toluene	ND		5.0	0.45	ug/L			05/15/24 16:30	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/15/24 16:30	1
Trichloroethene	ND		5.0	0.60	ug/L			05/15/24 16:30	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/15/24 16:30	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/15/24 16:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		68 - 130		05/15/24 16:30	1
4-Bromofluorobenzene (Surr)	94		76 - 123		05/15/24 16:30	1
Dibromofluoromethane (Surr)	101		75 - 123		05/15/24 16:30	1
Toluene-d8 (Surr)	99		77 - 120		05/15/24 16:30	1

Lab Sample ID: LCS 480-712096/6

Matrix: Water

Analysis Batch: 712096

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.5		ug/L		92	52 - 162
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	46 - 157
1,1,2-Trichloroethane	20.0	20.7		ug/L		103	52 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: LCS 480-712096/6

Matrix: Water

Analysis Batch: 712096

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	20.4		ug/L		102	59 - 155
1,1-Dichloroethene	20.0	13.2		ug/L		66	1 - 234
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	18 - 190
1,2-Dichloroethane	20.0	19.0		ug/L		95	49 - 155
1,2-Dichloropropane	20.0	20.7		ug/L		103	1 - 210
1,3-Dichlorobenzene	20.0	20.7		ug/L		103	59 - 156
1,4-Dichlorobenzene	20.0	20.7		ug/L		104	18 - 190
2-Chloroethyl vinyl ether	20.0	22.1	J	ug/L		110	1 - 305
Acrolein	100	142		ug/L		142	10 - 176
Acrylonitrile	200	221		ug/L		111	54 - 147
Benzene	20.0	21.2		ug/L		106	37 - 151
Bromodichloromethane	20.0	20.2		ug/L		101	35 - 155
Bromoform	20.0	22.9		ug/L		115	45 - 169
Bromomethane	20.0	13.5		ug/L		67	1 - 242
Carbon tetrachloride	20.0	18.0		ug/L		90	70 - 140
Chlorobenzene	20.0	20.4		ug/L		102	37 - 160
Chloroethane	20.0	16.1		ug/L		81	14 - 230
Chloroform	20.0	19.8		ug/L		99	51 - 138
Chloromethane	20.0	25.3		ug/L		127	1 - 273
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	1 - 227
Dibromochloromethane	20.0	20.8		ug/L		104	53 - 149
Ethylbenzene	20.0	20.3		ug/L		101	37 - 162
Methylene Chloride	20.0	22.1		ug/L		110	1 - 221
Tetrachloroethene	20.0	21.5		ug/L		107	64 - 148
Toluene	20.0	20.3		ug/L		102	47 - 150
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	17 - 183
Trichloroethene	20.0	20.8		ug/L		104	71 - 157
Trichlorofluoromethane	20.0	14.4		ug/L		72	17 - 181
Vinyl chloride	20.0	20.1		ug/L		101	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		68 - 130
4-Bromofluorobenzene (Surr)	96		76 - 123
Dibromofluoromethane (Surr)	97		75 - 123
Toluene-d8 (Surr)	99		77 - 120

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

Lab Sample ID: MB 480-712874/1-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		05/21/24 13:54	05/22/24 13:47	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		05/21/24 13:54	05/22/24 13:47	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		05/21/24 13:54	05/22/24 13:47	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		05/21/24 13:54	05/22/24 13:47	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		05/21/24 13:54	05/22/24 13:47	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: MB 480-712874/1-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		05/21/24 13:54	05/22/24 13:47	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		05/21/24 13:54	05/22/24 13:47	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		05/21/24 13:54	05/22/24 13:47	1
2-Chloronaphthalene	ND		20	0.91	ug/L		05/21/24 13:54	05/22/24 13:47	1
2-Chlorophenol	ND		20	0.66	ug/L		05/21/24 13:54	05/22/24 13:47	1
2-Nitrophenol	ND		20	0.70	ug/L		05/21/24 13:54	05/22/24 13:47	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		05/21/24 13:54	05/22/24 13:47	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		05/21/24 13:54	05/22/24 13:47	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		05/21/24 13:54	05/22/24 13:47	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		05/21/24 13:54	05/22/24 13:47	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		05/21/24 13:54	05/22/24 13:47	1
4-Nitrophenol	ND		40	1.9	ug/L		05/21/24 13:54	05/22/24 13:47	1
Acenaphthene	ND		20	0.81	ug/L		05/21/24 13:54	05/22/24 13:47	1
Acenaphthylene	ND		20	0.87	ug/L		05/21/24 13:54	05/22/24 13:47	1
Aniline	ND		40	1.5	ug/L		05/21/24 13:54	05/22/24 13:47	1
Anthracene	ND		20	1.4	ug/L		05/21/24 13:54	05/22/24 13:47	1
Benzidine	ND		320	54	ug/L		05/21/24 13:54	05/22/24 13:47	1
Benzo[a]anthracene	ND		20	1.1	ug/L		05/21/24 13:54	05/22/24 13:47	1
Benzo[a]pyrene	ND		20	1.3	ug/L		05/21/24 13:54	05/22/24 13:47	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		05/21/24 13:54	05/22/24 13:47	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		05/21/24 13:54	05/22/24 13:47	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		05/21/24 13:54	05/22/24 13:47	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		05/21/24 13:54	05/22/24 13:47	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		05/21/24 13:54	05/22/24 13:47	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		05/21/24 13:54	05/22/24 13:47	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		05/21/24 13:54	05/22/24 13:47	1
Chrysene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		05/21/24 13:54	05/22/24 13:47	1
Diethyl phthalate	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
Dimethyl phthalate	ND		20	0.91	ug/L		05/21/24 13:54	05/22/24 13:47	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		05/21/24 13:54	05/22/24 13:47	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		05/21/24 13:54	05/22/24 13:47	1
Fluoranthene	ND		20	1.6	ug/L		05/21/24 13:54	05/22/24 13:47	1
Fluorene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
Hexachlorobenzene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
Hexachlorobutadiene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		05/21/24 13:54	05/22/24 13:47	1
Hexachloroethane	ND		20	0.60	ug/L		05/21/24 13:54	05/22/24 13:47	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		05/21/24 13:54	05/22/24 13:47	1
Isophorone	ND		20	0.74	ug/L		05/21/24 13:54	05/22/24 13:47	1
Naphthalene	ND		20	0.86	ug/L		05/21/24 13:54	05/22/24 13:47	1
Decane	ND		40	1.6	ug/L		05/21/24 13:54	05/22/24 13:47	1
Nitrobenzene	ND		20	0.81	ug/L		05/21/24 13:54	05/22/24 13:47	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		05/21/24 13:54	05/22/24 13:47	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		05/21/24 13:54	05/22/24 13:47	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		05/21/24 13:54	05/22/24 13:47	1
n-Octadecane	ND		40	1.2	ug/L		05/21/24 13:54	05/22/24 13:47	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: MB 480-712874/1-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		05/21/24 13:54	05/22/24 13:47	1
Phenanthrene	ND		20	1.2	ug/L		05/21/24 13:54	05/22/24 13:47	1
Phenol	ND		20	0.35	ug/L		05/21/24 13:54	05/22/24 13:47	1
Pyrene	ND		20	1.4	ug/L		05/21/24 13:54	05/22/24 13:47	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		05/21/24 13:54	05/22/24 13:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 151	05/21/24 13:54	05/22/24 13:47	1
2-Fluorobiphenyl	94		44 - 120	05/21/24 13:54	05/22/24 13:47	1
2-Fluorophenol	66		17 - 120	05/21/24 13:54	05/22/24 13:47	1
Nitrobenzene-d5	79		15 - 314	05/21/24 13:54	05/22/24 13:47	1
Phenol-d5	50		8 - 424	05/21/24 13:54	05/22/24 13:47	1
p-Terphenyl-d14	95		22 - 125	05/21/24 13:54	05/22/24 13:47	1

Lab Sample ID: LCS 480-712874/2-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712874

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	26.6	J	ug/L		83	44 - 142
1,2-Dichlorobenzene	32.0	26.5	J	ug/L		83	32 - 129
1,2-Diphenylhydrazine	32.0	30.4	J	ug/L		95	47 - 146
1,3-Dichlorobenzene	32.0	25.7	J	ug/L		80	1 - 172
1,4-Dichlorobenzene	32.0	25.6	J	ug/L		80	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	27.3		ug/L		85	36 - 166
2,4,6-Trichlorophenol	32.0	31.4		ug/L		98	37 - 144
2,4-Dichlorophenol	32.0	33.0		ug/L		103	39 - 135
2,4-Dimethylphenol	32.0	31.8		ug/L		99	32 - 120
2,4-Dinitrophenol	64.0	61.9		ug/L		97	1 - 191
2,4-Dinitrotoluene	32.0	33.0		ug/L		103	39 - 139
2-Chloronaphthalene	32.0	28.5		ug/L		89	60 - 120
2-Chlorophenol	32.0	30.1		ug/L		94	23 - 134
2-Nitrophenol	32.0	30.0		ug/L		94	29 - 182
3,3'-Dichlorobenzidine	64.0	50.8		ug/L		79	1 - 262
4,6-Dinitro-2-methylphenol	64.0	67.3		ug/L		105	1 - 181
4-Bromophenyl phenyl ether	32.0	33.7		ug/L		105	53 - 127
4-Chloro-3-methylphenol	32.0	32.2		ug/L		101	22 - 147
4-Chlorophenyl phenyl ether	32.0	31.6		ug/L		99	25 - 158
4-Nitrophenol	64.0	54.3		ug/L		85	1 - 132
Acenaphthene	32.0	29.4		ug/L		92	47 - 145
Acenaphthylene	32.0	31.0		ug/L		97	33 - 145
Aniline	32.0	21.6	J	ug/L		68	40 - 120
Anthracene	32.0	32.8		ug/L		103	27 - 133
Benzidine	64.0	ND		ug/L		32	1 - 120
Benzo[a]anthracene	32.0	32.3		ug/L		101	33 - 143
Benzo[a]pyrene	32.0	33.4		ug/L		104	17 - 163
Benzo[b]fluoranthene	32.0	35.1		ug/L		110	24 - 159
Benzo[g,h,i]perylene	32.0	35.3		ug/L		110	1 - 219

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: LCS 480-712874/2-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712874

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	32.0	33.6		ug/L		105	11 - 162
Bis(2-chloroethoxy)methane	32.0	29.7		ug/L		93	33 - 184
Bis(2-chloroethyl)ether	32.0	33.5		ug/L		105	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	30.5	J	ug/L		95	8 - 158
Butyl benzyl phthalate	32.0	32.1		ug/L		100	1 - 152
Chrysene	32.0	31.6		ug/L		99	17 - 168
Dibenz(a,h)anthracene	32.0	34.8		ug/L		109	1 - 227
Diethyl phthalate	32.0	33.6		ug/L		105	1 - 120
Dimethyl phthalate	32.0	33.4		ug/L		104	1 - 120
Di-n-butyl phthalate	32.0	32.6		ug/L		102	1 - 120
Di-n-octyl phthalate	32.0	30.7		ug/L		96	4 - 146
Fluoranthene	32.0	33.1		ug/L		104	26 - 137
Fluorene	32.0	31.7		ug/L		99	59 - 121
Hexachlorobenzene	32.0	34.3		ug/L		107	1 - 152
Hexachlorobutadiene	32.0	23.4		ug/L		73	24 - 120
Hexachlorocyclopentadiene	32.0	17.5	J	ug/L		55	5 - 120
Hexachloroethane	32.0	22.5		ug/L		70	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	34.8		ug/L		109	1 - 171
Isophorone	32.0	31.1		ug/L		97	21 - 196
Naphthalene	32.0	28.4		ug/L		89	21 - 133
Nitrobenzene	32.0	29.3		ug/L		91	35 - 180
N-Nitrosodimethylamine	32.0	21.3	J	ug/L		67	19 - 120
N-Nitrosodi-n-propylamine	32.0	29.8		ug/L		93	1 - 230
N-Nitrosodiphenylamine	32.0	33.4		ug/L		104	54 - 125
Pentachlorophenol	64.0	68.0		ug/L		106	14 - 176
Phenanthrene	32.0	31.7		ug/L		99	54 - 120
Phenol	32.0	19.3	J	ug/L		60	5 - 120
Pyrene	32.0	32.3		ug/L		101	52 - 120
2,6-Dinitrotoluene	32.0	31.3		ug/L		98	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	104		52 - 151
2-Fluorobiphenyl	95		44 - 120
2-Fluorophenol	71		17 - 120
Nitrobenzene-d5	86		15 - 314
Phenol-d5	57		8 - 424
p-Terphenyl-d14	98		22 - 125

Lab Sample ID: LCSD 480-712874/3-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 712874

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	26.5	J	ug/L		83	44 - 142	0	34
1,2-Dichlorobenzene	32.0	26.8	J	ug/L		84	32 - 129	1	38
1,2-Diphenylhydrazine	32.0	30.6	J	ug/L		96	47 - 146	1	20
1,3-Dichlorobenzene	32.0	25.4	J	ug/L		79	1 - 172	1	37
1,4-Dichlorobenzene	32.0	26.0	J	ug/L		81	20 - 124	2	40

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: LCSD 480-712874/3-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 712874

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,2'-oxybis[1-chloropropane]	32.0	26.7		ug/L		84	36 - 166	2	36
2,4,6-Trichlorophenol	32.0	32.0		ug/L		100	37 - 144	2	20
2,4-Dichlorophenol	32.0	32.5		ug/L		102	39 - 135	1	23
2,4-Dimethylphenol	32.0	31.9		ug/L		100	32 - 120	0	18
2,4-Dinitrophenol	64.0	64.0		ug/L		100	1 - 191	3	29
2,4-Dinitrotoluene	32.0	32.1		ug/L		100	39 - 139	3	20
2-Chloronaphthalene	32.0	28.8		ug/L		90	60 - 120	1	30
2-Chlorophenol	32.0	29.1		ug/L		91	23 - 134	4	26
2-Nitrophenol	32.0	30.2		ug/L		94	29 - 182	1	28
3,3'-Dichlorobenzidine	64.0	51.9		ug/L		81	1 - 262	2	31
4,6-Dinitro-2-methylphenol	64.0	66.2		ug/L		103	1 - 181	2	30
4-Bromophenyl phenyl ether	32.0	33.7		ug/L		105	53 - 127	0	16
4-Chloro-3-methylphenol	32.0	32.1		ug/L		100	22 - 147	0	16
4-Chlorophenyl phenyl ether	32.0	31.3		ug/L		98	25 - 158	1	15
4-Nitrophenol	64.0	55.7		ug/L		87	1 - 132	3	24
Acenaphthene	32.0	29.6		ug/L		93	47 - 145	1	25
Acenaphthylene	32.0	31.1		ug/L		97	33 - 145	0	22
Aniline	32.0	21.2 J		ug/L		66	40 - 120	2	30
Anthracene	32.0	32.3		ug/L		101	27 - 133	2	15
Benzidine	64.0	ND		ug/L		40	1 - 120	24	50
Benzo[a]anthracene	32.0	32.0		ug/L		100	33 - 143	1	15
Benzo[a]pyrene	32.0	32.5		ug/L		102	17 - 163	3	15
Benzo[b]fluoranthene	32.0	32.1		ug/L		100	24 - 159	9	17
Benzo[g,h,i]perylene	32.0	34.0		ug/L		106	1 - 219	4	19
Benzo[k]fluoranthene	32.0	30.9		ug/L		97	11 - 162	8	19
Bis(2-chloroethoxy)methane	32.0	29.6		ug/L		93	33 - 184	0	23
Bis(2-chloroethyl)ether	32.0	33.0		ug/L		103	12 - 158	1	33
Bis(2-ethylhexyl) phthalate	32.0	31.8 J		ug/L		99	8 - 158	4	15
Butyl benzyl phthalate	32.0	31.5		ug/L		99	1 - 152	2	15
Chrysene	32.0	32.3		ug/L		101	17 - 168	2	15
Dibenz(a,h)anthracene	32.0	34.2		ug/L		107	1 - 227	2	18
Diethyl phthalate	32.0	33.7		ug/L		105	1 - 120	0	15
Dimethyl phthalate	32.0	33.8		ug/L		106	1 - 120	1	15
Di-n-butyl phthalate	32.0	32.9		ug/L		103	1 - 120	1	15
Di-n-octyl phthalate	32.0	32.3		ug/L		101	4 - 146	5	15
Fluoranthene	32.0	33.0		ug/L		103	26 - 137	0	15
Fluorene	32.0	31.8		ug/L		100	59 - 121	0	18
Hexachlorobenzene	32.0	33.9		ug/L		106	1 - 152	1	15
Hexachlorobutadiene	32.0	24.0		ug/L		75	24 - 120	3	50
Hexachlorocyclopentadiene	32.0	18.5 J		ug/L		58	5 - 120	6	50
Hexachloroethane	32.0	22.9		ug/L		72	40 - 120	2	43
Indeno[1,2,3-cd]pyrene	32.0	34.1		ug/L		107	1 - 171	2	17
Isophorone	32.0	30.7		ug/L		96	21 - 196	2	21
Naphthalene	32.0	28.6		ug/L		89	21 - 133	1	31
Nitrobenzene	32.0	29.2		ug/L		91	35 - 180	0	27
N-Nitrosodimethylamine	32.0	21.3 J		ug/L		67	19 - 120	0	22
N-Nitrosodi-n-propylamine	32.0	29.8		ug/L		93	1 - 230	0	23
N-Nitrosodiphenylamine	32.0	32.7		ug/L		102	54 - 125	2	15
Pentachlorophenol	64.0	68.2		ug/L		106	14 - 176	0	21

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: LCSD 480-712874/3-A

Matrix: Water

Analysis Batch: 712988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 712874

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	32.0	31.2		ug/L		97	54 - 120	2	16
Phenol	32.0	19.1	J	ug/L		60	5 - 120	1	36
Pyrene	32.0	32.9		ug/L		103	52 - 120	2	15
2,6-Dinitrotoluene	32.0	32.5		ug/L		102	50 - 158	4	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	108		52 - 151
2-Fluorobiphenyl	94		44 - 120
2-Fluorophenol	69		17 - 120
Nitrobenzene-d5	87		15 - 314
Phenol-d5	56		8 - 424
p-Terphenyl-d14	102		22 - 125

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

Lab Sample ID: MB 480-712482/1-A

Matrix: Water

Analysis Batch: 712586

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712482

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		05/17/24 13:38	05/19/24 21:38	1
PCB-1221	ND		0.060	0.038	ug/L		05/17/24 13:38	05/19/24 21:38	1
PCB-1232	ND		0.060	0.038	ug/L		05/17/24 13:38	05/19/24 21:38	1
PCB-1242	ND		0.060	0.038	ug/L		05/17/24 13:38	05/19/24 21:38	1
PCB-1248	ND		0.060	0.038	ug/L		05/17/24 13:38	05/19/24 21:38	1
PCB-1254	ND		0.060	0.031	ug/L		05/17/24 13:38	05/19/24 21:38	1
PCB-1260	ND		0.060	0.031	ug/L		05/17/24 13:38	05/19/24 21:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		36 - 121	05/17/24 13:38	05/19/24 21:38	1
Tetrachloro-m-xylene	63		42 - 135	05/17/24 13:38	05/19/24 21:38	1

Lab Sample ID: LCS 480-712482/2-A

Matrix: Water

Analysis Batch: 712586

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	0.820		ug/L		82	69 - 123
PCB-1260	1.00	0.962		ug/L		96	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	51		36 - 121
Tetrachloro-m-xylene	57		42 - 135

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: LCSD 480-712482/3-A

Matrix: Water

Analysis Batch: 712586

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 712482

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	1.00	0.793		ug/L		79	69 - 123	3	30
PCB-1260	1.00	1.01		ug/L		101	69 - 120	5	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	57		36 - 121						
Tetrachloro-m-xylene	54		42 - 135						

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-712520/1-A

Matrix: Water

Analysis Batch: 712950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010	0.0016	mg/L		05/20/24 09:29	05/21/24 14:54	1
Lead	ND		0.010	0.0030	mg/L		05/20/24 09:29	05/21/24 14:54	1
Nickel	ND		0.010	0.0013	mg/L		05/20/24 09:29	05/21/24 14:54	1
Zinc	0.00262	J	0.010	0.0015	mg/L		05/20/24 09:29	05/21/24 14:54	1

Lab Sample ID: MB 480-712520/1-A

Matrix: Water

Analysis Batch: 713098

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.00472		0.0040	0.0010	mg/L		05/20/24 09:29	05/22/24 13:56	1

Lab Sample ID: LCS 480-712520/2-A

Matrix: Water

Analysis Batch: 712950

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712520

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.526		mg/L		105	85 - 115
Copper	0.500	0.499		mg/L		100	85 - 115
Lead	0.500	0.516		mg/L		103	85 - 115
Nickel	0.500	0.524		mg/L		105	85 - 115
Zinc	0.500	0.531		mg/L		106	85 - 115

Lab Sample ID: MB 480-713185/1-A

Matrix: Water

Analysis Batch: 713292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 713185

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		05/23/24 10:56	05/23/24 19:22	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Lab Sample ID: LCS 480-713185/2-A
Matrix: Water
Analysis Batch: 713292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.506		mg/L		101	85 - 115

Lab Sample ID: LCSD 480-713185/3-A
Matrix: Water
Analysis Batch: 713292

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 713185

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	0.500	0.495		mg/L		99	85 - 115	2	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-712437/1-A
Matrix: Water
Analysis Batch: 712561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		05/17/24 13:22	05/18/24 15:12	1

Lab Sample ID: LCS 480-712437/2-A
Matrix: Water
Analysis Batch: 712561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00601		mg/L		90	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-713118/17
Matrix: Water
Analysis Batch: 713118

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			05/22/24 23:19	1

Lab Sample ID: MB 480-713118/46
Matrix: Water
Analysis Batch: 713118

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			05/23/24 01:07	1

Lab Sample ID: LCS 480-713118/18
Matrix: Water
Analysis Batch: 713118

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	0.0952		mg/L		95	90 - 110

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: LCS 480-713118/47

Matrix: Water

Analysis Batch: 713118

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	0.0950		mg/L		95	90 - 110

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

Lab Sample ID: MB 480-712306/1

Matrix: Water

Analysis Batch: 712306

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			05/16/24 14:17	1

Lab Sample ID: LCS 480-712306/2

Matrix: Water

Analysis Batch: 712306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	260	258.0		mg/L		99	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-712162/1

Matrix: Water

Analysis Batch: 712162

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 480-712176/3

Matrix: Water

Analysis Batch: 712176

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	0.00713	J	0.010	0.0050	mg/L as P			05/15/24 21:11	1

Lab Sample ID: LCS 480-712176/4

Matrix: Water

Analysis Batch: 712176

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	0.214		mg/L as P		107	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-712330/1

Matrix: Water

Analysis Batch: 712330

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			05/16/24 09:32	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: LCS 480-712330/2

Matrix: Water

Analysis Batch: 712330

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	198.5		mg/L		100	85 - 115

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

GC/MS VOA

Analysis Batch: 712096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-219875-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-712096/8	Method Blank	Total/NA	Water	624.1	
LCS 480-712096/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 712874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-712874/1-A	Method Blank	Total/NA	Water	625	
LCS 480-712874/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-712874/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 712988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	625.1	712874
MB 480-712874/1-A	Method Blank	Total/NA	Water	625.1	712874
LCS 480-712874/2-A	Lab Control Sample	Total/NA	Water	625.1	712874
LCSD 480-712874/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	712874

GC Semi VOA

Prep Batch: 712482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-712482/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-712482/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-712482/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 712586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	608.3	712482
MB 480-712482/1-A	Method Blank	Total/NA	Water	608.3	712482
LCS 480-712482/2-A	Lab Control Sample	Total/NA	Water	608.3	712482
LCSD 480-712482/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	712482

Metals

Prep Batch: 712437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-712437/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-712437/2-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 712520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-712520/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-712520/2-A	Lab Control Sample	Total/NA	Water	200.7	

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QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Metals

Analysis Batch: 712561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	245.1	712437
MB 480-712437/1-A	Method Blank	Total/NA	Water	245.1	712437
LCS 480-712437/2-A	Lab Control Sample	Total/NA	Water	245.1	712437

Analysis Batch: 712950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	712520
MB 480-712520/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	712520
LCS 480-712520/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	712520

Analysis Batch: 713098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-712520/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	712520

Prep Batch: 713185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-713185/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-713185/2-A	Lab Control Sample	Total/NA	Water	200.7	
LCSD 480-713185/3-A	Lab Control Sample Dup	Total/NA	Water	200.7	

Analysis Batch: 713292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	713185
MB 480-713185/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	713185
LCS 480-713185/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	713185
LCSD 480-713185/3-A	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	713185

General Chemistry

Analysis Batch: 712162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-712162/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 712176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-712176/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-712176/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 712306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-712306/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-712306/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 712330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-712330/1	Method Blank	Total/NA	Water	SM 5210B	

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QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

General Chemistry (Continued)

Analysis Batch: 712330 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-712330/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 713118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-713118/17	Method Blank	Total/NA	Water	420.4	
MB 480-713118/46	Method Blank	Total/NA	Water	420.4	
LCS 480-713118/18	Lab Control Sample	Total/NA	Water	420.4	
LCS 480-713118/47	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 713577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-219875-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-219875-1

Date Collected: 05/14/24 13:00

Matrix: Water

Date Received: 05/14/24 15:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	712096	AXK	EET BUF	05/15/24 19:10
Total/NA	Prep	625			712874	LSC	EET BUF	05/21/24 13:54
Total/NA	Analysis	625.1		1	712988	JMM	EET BUF	05/22/24 15:12
Total/NA	Prep	3510C			712482	LSC	EET BUF	05/17/24 13:38
Total/NA	Analysis	608.3		1	712586	H9RU	EET BUF	05/19/24 22:45
Total/NA	Prep	200.7			712520	ET	EET BUF	05/20/24 09:29
Total/NA	Analysis	200.7 Rev 4.4		1	712950	NZG	EET BUF	05/21/24 14:58
Total/NA	Prep	200.7			713185	EMO	EET BUF	05/23/24 10:56
Total/NA	Analysis	200.7 Rev 4.4		1	713292	NZG	EET BUF	05/23/24 19:38
Total/NA	Prep	245.1			712437	ESB	EET BUF	05/17/24 13:22
Total/NA	Analysis	245.1		1	712561	ESB	EET BUF	05/18/24 16:08
Total/NA	Analysis	420.4		1	713118	CLT	EET BUF	05/23/24 02:19
Total/NA	Analysis	SM 2540D		1	712306	KO	EET BUF	05/16/24 14:17
Total/NA	Analysis	SM 4500 CN G		1	713577	DLG	EET BUF	05/23/24 22:21
Total/NA	Analysis	SM 4500 H+ B		1	712162	KB	EET BUF	05/15/24 16:42
Total/NA	Analysis	SM 4500 P E		1	712176	GW	EET BUF	05/15/24 21:11
Total/NA	Analysis	SM 5210B		1	712330	CG	EET BUF	05/16/24 09:32

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-219875-2

Date Collected: 05/14/24 00:00

Matrix: Water

Date Received: 05/14/24 15:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	712096	AXK	EET BUF	05/15/24 19:34

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-24
Connecticut	State	PH-0807	03-31-25
Florida	NELAP	E87672	06-30-23 *
Georgia	State	10026 (NY)	03-31-25
Georgia	State Program	N/A	03-31-09 *
Illinois	NELAP	200003	09-30-24
Iowa	State	374	03-01-25
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	02-01-25
Kentucky (UST)	State	108092	04-01-24 *
Kentucky (VW)	State	KY90029	12-31-24
Louisiana	NELAP	02031	06-30-23 *
Louisiana (All)	NELAP	02031	06-30-23 *
Maine	State	NY00044	12-04-24
Maryland	State	294	06-30-24
Massachusetts	State	M-NY044	07-01-24
Michigan	State	9937	03-31-25
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-24
New Jersey	NELAP	NY455	06-30-24
New York	NELAP	10026	05-27-24
Pennsylvania	NELAP	68-00281	08-31-24
Rhode Island	State	LAO00378	12-30-24
Texas	NELAP	T104704412-18-10	07-31-23 *
Virginia	NELAP	460185	09-14-24
Washington	State	C784	02-10-25
Wisconsin	State	998310390	08-31-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Buffalo

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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: 480-219875-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-219875-1	BCC BSA SUMP	Water	05/14/24 13:00	05/14/24 15:26
480-219875-2	TRIP BLANK	Water	05/14/24 00:00	05/14/24 15:26

1
2
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15
16

Quantitation Limit Exceptions Summary


Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-219875-1

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

Chain of Custody Record

Client Information				Carrier Tracking No(s): OSC- State of Origin: NY Page 1 of 1			
Sampler: Taylor Kunzelmann Phone: 716-480-3282 Company: Ontario Specialty Contracting, Inc. Address: 140 Lee St. City: Buffalo State, Zip: NY, 14210 PO #: 716-956-3333 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.eurofinsus.com PWSID: Due Date Requested: 2 weeks TAT Requested (days): Standard Compliance Project: Yes Δ No PO #: 66983 WO #: 48003159 Project #: 48003159 SSOW#:			
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, AA=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested
BCC BSA SUMP	5-14-24	13:00	G	Water	X	X	<input checked="" type="checkbox"/> 420_A_NP - Phenolics, Total Recoverable <input checked="" type="checkbox"/> 624_5ml - Priority Pollutant List - VOA - 62 <input checked="" type="checkbox"/> 608_PCB - Priority Pollutant PCBs <input checked="" type="checkbox"/> 625 - Priority Pollutant List - SVOA - 6 <input checked="" type="checkbox"/> 521OB - Biochemical Oxygen Demand <input checked="" type="checkbox"/> 254OD - Total Suspended Solids <input checked="" type="checkbox"/> SM4500CN_G_Calc - Cyanide, Amenable <input checked="" type="checkbox"/> SM4500_H+ - pH
Trip Blank				Water			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)							
Empty Kit Relinquished by: Relinquished by: Josh Kunzelmann Date: 5-14-24 14:30 Relinquished by: Date: 5-14-24 14:30 Relinquished by: Date: 5-14-24 14:30							
Custody Seal Intact: Yes Δ No Custody Seal No.: 2579212 Cooler Temperature(s) °C and Other Remarks:							
Special Instructions/Note: 480-219875 Chain of Custody 							

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-219875-1

Login Number: 219875

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	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	
4/5/2024	TK	45	45	34	24	40	30	10.9	38	32	35	35	8.05	20	10.8	42,917,792	27	21.2	1,388,722	27						
4/12/2024	TK	45	45	34	24	42	30	10.6	36	30	35	35	8.03	20	10.6	42,978,480	27	20.8	1,392,251	27						
4/19/2024	TK	45	45	34	24	40	33	11.3	40	34	35	35	7.96	20	11.2	43,041,472	27	19.9	1,395,916	27						
4/26/2024	TK	45	45	34	22	41	31	11	38	34	35	35	7.94	20	11	43,106,824	27	18.9	1,399,849	27						
5/3/2024	TK	45	45	34	18	40	30	11.1	36	30	35	35	7.96	20	11	43,168,512	27	17.4	1,403,219	27						
5/10/2024	TK	45	45	34	18	41	30	11.1	38	32	35	35	7.92	20	11	43,236,396	27	17.4	1,406,885	27						
5/17/2024	TK	45	45	34	18	40	28	11	38	32	35	35	7.77	20	10.8	43,296,652	27	16.7	1,410,383	27						
5/24/2024	TK	45	45	34	16	40	30	11	38	32	35	35	7.82	20	10.9	43,364,824	27	16.5	1,414,127	27						
5/31/2024	TK	45	45	34	28	40	28	10.7	36	32	35	35	7.89	20	10.7	43,427,992	27	22	1,417,482	27						
6/7/2024	TK	45	45	34	26	40	28	10.8	34	28	32	32	7.84	20	10.8	43,486,400	27	21.6	1,420,828	27						
6/14/2024	TK	45	45	34	26	40	28	10.7	34	30	32	32	7.76	20	10.7	43,553,600	27	21.2	1,424,706	27						
6/21/2024	TK	45	45	34	26	40	28	11.1	38	32	35	35	7.67	20	11	43,621,164	27	20.8	1,428,346	27						
6/28/2024	TK	45	45	34	24	38	28	11.2	38	32	35	325	7.56	20	11.3	43,692,036	27	19.6	1,431,679	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													
4/1/2024					1	1		2	2	2			
4/2/2024								2	2	2			
4/3/2024													
4/4/2024								2	2	2			
4/5/2024								2	2	2			
4/6/2024													
4/7/2024								1	1	1			system down 4/7/24@01:27 Back-up 4/7/24@09:00
4/8/2024													
4/9/2024								2	2	2			
4/10/2024								2	2	2			
4/11/2024								2	2	2			
4/12/2024					1	1		2	2	2			
4/13/2024								1	1	1			
4/14/2024													
4/15/2024								2	2	2			system down 4/14/24@17:38 Back-up 4/15/24@06:00
4/16/2024								2	2	2			
4/17/2024													system down 4/17/24@23:14 Back-up 4/18/24@06:15
4/18/2024								2	2	2			
4/19/2024				1				2	2	2			MMF Media Change
4/20/2024													
4/21/2024													system down 4/21/24@14:13 Back-up 4/22/24 06:00
4/22/2024								1	1	1			
4/23/2024					1	1		1	1	1			
4/24/2024													
4/25/2024								1	1	1			
4/26/2024								1	1	1			
4/27/2024													
4/28/2024													
4/29/2024								2	2	2			
4/30/2024								2	2	2			
5/1/2024													
5/2/2024								1	1	1			
5/3/2024								2	2	2			
5/4/2024													
5/5/2024								1	1	1			system down 5/4/24 @23:54 Back-up 5/5/24 @11:55
5/6/2024								1	1	1			
5/7/2024						1		2	2	2			
5/8/2024													
5/9/2024								1	1	1			
5/10/2024					1			1	2	2			
5/11/2024													
5/12/2024													
5/13/2024							1	2	2	2	1	1	sysytem down 5/12/24 @3:02 back-up 5/13/24 5:30
5/14/2024								1	1	1			
5/15/2024													
5/16/2024								1	1	1			
5/17/2024					1			1	2	2			
5/18/2024													
5/19/2024								1	1	1			system down 5/19/24 @ 1:21 back-up 5/19/24 @12:00
5/20/2024								1	1	1			
5/21/2024								1	2	2			
5/22/2024													
5/23/2024								1	1	1			
5/24/2024								2	2	2			
5/25/2024													
5/26/2024								1	1	1			system down 5/26/24 @1:59 back-up 5/26/24 @7:30
5/27/2024													
5/28/2024					1			2	2	2			system down 5/27/24 @15:03 back-up 5/28/24 5:30
5/29/2024								1	1	1			

[illegible]



Table 5
System Startup BSA Discharge Parameters - September 27, 2024
Existing BSA Permit(20-06-BU109) Discharge Parameters

BSA Permit Parameter (Note 1)		GWTF System Startup Samples (9/27/2024) Sample ID: BCC BSA SUMP-EFFLUENT- 20240927 (See Note 1)			Converted Analytical Results		BSA Daily Max Discharge Limit (Existing Permit)		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	8.2	N/A	SU	8.20	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	ND	0.004	mg/L	ND	lbs/day	1.67	lbs/day	Yes	20	ND	Yes
Total Chromium	7440-47-3	ND	0.0024	mg/L	ND	lbs/day	0.83	lbs/day	Yes	40	ND	Yes
Total Copper	7440-50-8	0.0046	0.0045	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0046	Yes
Lead	7439-92-1	ND	0.0039	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.000042	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0041	0.003	mg/L	0.0008	lbs/day	1.17	lbs/day	Yes	14	0.0041	Yes
Zinc	7440-66-6	ND	0.0068	mg/L	ND	lbs/day	2.046	lbs/day	Yes	25	ND	Yes
Amendable Cyanide	CAN	0.026	0.005	mg/L	0.005	lbs/day	2.59	lbs/day	Yes	6.2	0.026	Yes
Total PCB	Sum Method_E608	ND	0.037	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	ND	1.5	ug/L	ND	lbs/day	50	lbs/day	Yes	0.01	ND	Yes
Benzene	71-43-2	ND	0.6	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	4.2	0.48	ug/L	0.0008	lbs/day	0.129	lbs/day	Yes	0.31	0.0042	Yes
1,2-Dichlorobenzene	95-50-1	ND	0.44	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	1.6	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	0.87	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	0.86	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	1.4	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	1	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	1.2	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	4.2	NA	ug/L	0.004	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	ND	4.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.23	0.005	mg/L	0.230	mg/L	15.35	mg/L	Yes			
Total Flow	N/A	16	-	gpm	23,040	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

Total Flow for Period (See Note 2)	10,000	gallons
Average Flow for Period (See Note 2)	16	gpm

Note 1: Table format and discharge limitation calculations follow existing BSA Permit No. 20-06-BU109. "-" = Not analyzed in treatability test; "N/A" - not applicable to this example SMR.

Note 2: Total and Average flow during during system startup/commissioning between 9/27/2024 and 10/4/24

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210
Generated 10/9/2024 12:11:01 PM

JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-223804-1

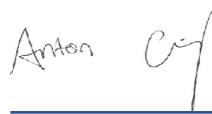
Eurofins Buffalo

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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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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.
☼	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: Quarterly BSA SUMP

Job ID: 480-223804-1

Job ID: 480-223804-1

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Job Narrative 480-223804-1

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

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

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

Receipt

The samples were received on 9/28/2024 4:46 PM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 15.4°C.

GC/MS VOA

Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 09/30/2024 as requested by the client: BCC BSA SUMP-EFFLUENT (480-223804-3). 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_PREC: The continuing calibration verification (CCV) associated with batch 480-726617 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: TRIP BLANK (480-223804-2) and BCC BSA SUMP-EFFLUENT (480-223804-3).

Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 10/01/2024 as requested by the client: BCC BSA SUMP-INFLUENT (480-223804-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

Method 624.1_PREC: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC BSA SUMP-INFLUENT (480-223804-1). 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_PREC: The following sample was diluted due to color, appearance, viscosity, etc.: BCC BSA SUMP-INFLUENT (480-223804-1). 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.

PCBs

Method 608.3_PCB_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-726627.

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

Metals

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

General Chemistry

Method 420.4_NP: The laboratory control sample (LCS) and continuous control verification (CCV) for analytical batch 480-727121 recovered outside control limits for the following analytes Total Recoverable Phenolics. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. BCC BSA SUMP-EFFLUENT (480-223804-3)

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Case Narrative

Client: Ontario Specialty Contracting, Inc.
Project: Quarterly BSA SUMP

Job ID: 480-223804-1

Job ID: 480-223804-1 (Continued)

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Method 420.4_NP: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): BCC BSA SUMP-INFLUENT (480-223804-1) and BCC BSA SUMP-EFFLUENT (480-223804-3).

Method 5210B: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 480-726525. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

Method 5210B: The correction factor for the Seeded Control Blank (SCB) for batch 480-726525 was outside the method range of 0.6 to 1.0 mg/L. Thus, there is added uncertainty for the associated sample results.

Method 5210B: Reanalysis of the following sample was performed outside of the analytical holding time due to under or over depletion: BCC BSA SUMP-INFLUENT (480-223804-1).

Method 5210B: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 480-726525. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

Method SM4500_H+: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP-INFLUENT (480-223804-1) and BCC BSA SUMP-EFFLUENT (480-223804-3).

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: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	180	J	200	20	ug/L	40		624.1	Total/NA
Chlorobenzene	1900		200	19	ug/L	40		624.1	Total/NA
1,3-Dichlorobenzene	13	J	200	3.5	ug/L	5		625.1	Total/NA
1,4-Dichlorobenzene	160	J	200	4.1	ug/L	5		625.1	Total/NA
2-Chlorophenol	20	J	100	3.3	ug/L	5		625.1	Total/NA
Acenaphthene	68	J	100	4.1	ug/L	5		625.1	Total/NA
Fluorene	24	J	100	5.0	ug/L	5		625.1	Total/NA
N-Nitrosodiphenylamine	17	J	100	4.1	ug/L	5		625.1	Total/NA
Phenolics, Total Recoverable	0.021		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	8.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.043		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.3	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.1	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.16		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	13.0	*+	6.0	6.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223804-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.81	J	5.0	0.48	ug/L	1		624.1	Total/NA

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	4.2	J	5.0	0.48	ug/L	1		624.1	Total/NA
Copper	0.0046	J	0.010	0.0045	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0041	J	0.010	0.0034	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Amenable	0.026		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.2	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.3	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.23		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

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			10/01/24 20:14	40
1,1,2,2-Tetrachloroethane	ND		200	10	ug/L			10/01/24 20:14	40
1,1,2-Trichloroethane	ND		200	19	ug/L			10/01/24 20:14	40
1,1-Dichloroethane	ND		200	24	ug/L			10/01/24 20:14	40
1,1-Dichloroethene	ND		200	34	ug/L			10/01/24 20:14	40
1,2-Dichlorobenzene	ND		200	18	ug/L			10/01/24 20:14	40
1,2-Dichloroethane	ND		200	24	ug/L			10/01/24 20:14	40
1,2-Dichloroethene, Total	ND		400	130	ug/L			10/01/24 20:14	40
1,2-Dichloropropane	ND		200	24	ug/L			10/01/24 20:14	40
1,3-Dichlorobenzene	ND		200	22	ug/L			10/01/24 20:14	40
1,4-Dichlorobenzene	180	J	200	20	ug/L			10/01/24 20:14	40
2-Chloroethyl vinyl ether	ND		1000	74	ug/L			10/01/24 20:14	40
Acrolein	ND		4000	700	ug/L			10/01/24 20:14	40
Acrylonitrile	ND		2000	76	ug/L			10/01/24 20:14	40
Benzene	ND		200	24	ug/L			10/01/24 20:14	40
Bromodichloromethane	ND		200	21	ug/L			10/01/24 20:14	40
Bromoform	ND		200	19	ug/L			10/01/24 20:14	40
Bromomethane	ND		200	48	ug/L			10/01/24 20:14	40
Carbon tetrachloride	ND		200	20	ug/L			10/01/24 20:14	40
Chlorobenzene	1900		200	19	ug/L			10/01/24 20:14	40
Chloroethane	ND		200	35	ug/L			10/01/24 20:14	40
Chloroform	ND		200	22	ug/L			10/01/24 20:14	40
Chloromethane	ND		200	25	ug/L			10/01/24 20:14	40
cis-1,3-Dichloropropene	ND		200	13	ug/L			10/01/24 20:14	40
Dibromochloromethane	ND		200	17	ug/L			10/01/24 20:14	40
Ethylbenzene	ND		200	19	ug/L			10/01/24 20:14	40
Methylene Chloride	ND		200	33	ug/L			10/01/24 20:14	40
Tetrachloroethene	ND		200	14	ug/L			10/01/24 20:14	40
Toluene	ND		200	18	ug/L			10/01/24 20:14	40
trans-1,3-Dichloropropene	ND		200	18	ug/L			10/01/24 20:14	40
Trichloroethene	ND		200	24	ug/L			10/01/24 20:14	40
Trichlorofluoromethane	ND		200	18	ug/L			10/01/24 20:14	40
Vinyl chloride	ND		200	30	ug/L			10/01/24 20:14	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		10/01/24 20:14	40
4-Bromofluorobenzene (Surr)	97		76 - 123		10/01/24 20:14	40
Dibromofluoromethane (Surr)	99		75 - 123		10/01/24 20:14	40
Toluene-d8 (Surr)	99		77 - 120		10/01/24 20:14	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		200	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,2-Dichlorobenzene	ND		200	5.2	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,2-Diphenylhydrazine	ND		200	3.9	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,3-Dichlorobenzene	13	J	200	3.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
1,4-Dichlorobenzene	160	J	200	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,2'-oxybis[1-chloropropane]	ND		100	4.2	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4,6-Trichlorophenol	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4-Dichlorophenol	ND		100	3.9	ug/L		10/02/24 09:12	10/03/24 17:28	5

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

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		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4-Dinitrophenol	ND		200	25	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,4-Dinitrotoluene	ND		100	8.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
2-Chloronaphthalene	ND		100	4.6	ug/L		10/02/24 09:12	10/03/24 17:28	5
2-Chlorophenol	20	J	100	3.3	ug/L		10/02/24 09:12	10/03/24 17:28	5
2-Nitrophenol	ND		100	3.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
3,3'-Dichlorobenzidine	ND		100	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
4,6-Dinitro-2-methylphenol	ND		200	9.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Bromophenyl phenyl ether	ND		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Chloro-3-methylphenol	ND		100	5.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Chlorophenyl phenyl ether	ND		100	6.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
4-Nitrophenol	ND		200	9.7	ug/L		10/02/24 09:12	10/03/24 17:28	5
Acenaphthene	68	J	100	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
Acenaphthylene	ND		100	4.4	ug/L		10/02/24 09:12	10/03/24 17:28	5
Aniline	ND		200	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Anthracene	ND		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzidine	ND		1600	270	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[a]anthracene	ND		100	5.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[a]pyrene	ND		100	6.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[b]fluoranthene	ND		100	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[g,h,i]perylene	ND		100	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Benzo[k]fluoranthene	ND		100	6.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Bis(2-chloroethoxy)methane	ND		100	3.8	ug/L		10/02/24 09:12	10/03/24 17:28	5
Bis(2-chloroethyl)ether	ND		100	4.7	ug/L		10/02/24 09:12	10/03/24 17:28	5
Bis(2-ethylhexyl) phthalate	ND		200	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Butyl benzyl phthalate	ND		100	5.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Chrysene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Dibenz(a,h)anthracene	ND		100	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Diethyl phthalate	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Dimethyl phthalate	ND		100	4.6	ug/L		10/02/24 09:12	10/03/24 17:28	5
Di-n-butyl phthalate	ND		100	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Di-n-octyl phthalate	ND		100	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Fluoranthene	ND		100	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Fluorene	24	J	100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachlorobenzene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachlorobutadiene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachlorocyclopentadiene	ND		100	11	ug/L		10/02/24 09:12	10/03/24 17:28	5
Hexachloroethane	ND		100	3.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Indeno[1,2,3-cd]pyrene	ND		100	7.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
Isophorone	ND		100	3.7	ug/L		10/02/24 09:12	10/03/24 17:28	5
Naphthalene	ND		100	4.3	ug/L		10/02/24 09:12	10/03/24 17:28	5
Decane	ND		200	8.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Nitrobenzene	ND		100	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
N-Nitrosodimethylamine	ND		200	2.9	ug/L		10/02/24 09:12	10/03/24 17:28	5
N-Nitrosodi-n-propylamine	ND		100	4.5	ug/L		10/02/24 09:12	10/03/24 17:28	5
N-Nitrosodiphenylamine	17	J	100	4.1	ug/L		10/02/24 09:12	10/03/24 17:28	5
n-Octadecane	ND		200	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
Pentachlorophenol	ND		200	16	ug/L		10/02/24 09:12	10/03/24 17:28	5
Phenanthrene	ND		100	6.0	ug/L		10/02/24 09:12	10/03/24 17:28	5

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		100	1.8	ug/L		10/02/24 09:12	10/03/24 17:28	5
Pyrene	ND		100	7.0	ug/L		10/02/24 09:12	10/03/24 17:28	5
2,6-Dinitrotoluene	ND		100	5.0	ug/L		10/02/24 09:12	10/03/24 17:28	5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		52 - 151				10/02/24 09:12	10/03/24 17:28	5
2-Fluorobiphenyl	64		44 - 120				10/02/24 09:12	10/03/24 17:28	5
2-Fluorophenol	42		17 - 120				10/02/24 09:12	10/03/24 17:28	5
Nitrobenzene-d5	53		15 - 314				10/02/24 09:12	10/03/24 17:28	5
Phenol-d5	28		8 - 424				10/02/24 09:12	10/03/24 17:28	5
p-Terphenyl-d14	47		22 - 125				10/02/24 09:12	10/03/24 17:28	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		09/30/24 13:14	10/01/24 12:46	1
PCB-1221	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1232	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1242	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1248	ND		0.057	0.036	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1254	ND		0.057	0.030	ug/L		09/30/24 13:14	10/01/24 12:46	1
PCB-1260	ND		0.057	0.030	ug/L		09/30/24 13:14	10/01/24 12:46	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	20		10 - 120				09/30/24 13:14	10/01/24 12:46	1
Tetrachloro-m-xylene	52		10 - 126				09/30/24 13:14	10/01/24 12:46	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		09/30/24 08:02	09/30/24 18:29	1
Copper	ND		0.010	0.0045	mg/L		09/30/24 08:02	09/30/24 18:29	1
Lead	ND		0.010	0.0039	mg/L		09/30/24 08:02	09/30/24 18:29	1
Nickel	ND		0.010	0.0034	mg/L		09/30/24 08:02	09/30/24 18:29	1
Zinc	ND		0.010	0.0068	mg/L		09/30/24 08:02	09/30/24 18:29	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/30/24 10:04	09/30/24 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	0.021		0.010	0.0035	mg/L			10/04/24 13:50	1
Cyanide, Amenable (SM 4500 CN G)	0.043		0.010	0.0050	mg/L			10/05/24 17:30	1
Phosphorus (SM 4500 P E)	0.16		0.010	0.0050	mg/L as P			10/01/24 19:46	1
Biochemical Oxygen Demand (SM 5210B)	13.0	+	6.0	6.0	mg/L			09/28/24 14:15	1
Biochemical Oxygen Demand (SM 5210B)	ND	H	6.0	6.0	mg/L			10/03/24 13:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	8.4		4.0	4.0	mg/L			09/30/24 09:43	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT
Date Collected: 09/27/24 12:05
Date Received: 09/28/24 16:46

Lab Sample ID: 480-223804-1
Matrix: Water

General Chemistry (Continued)									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	8.3	HF	0.1	0.1	SU			09/29/24 14:20	1
Temperature (SM 4500 H+ B)	19.1	HF	0.001	0.001	Degrees C			09/29/24 14:20	1

Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223804-2

Date Collected: 09/27/24 00:00

Matrix: Water

Date Received: 09/28/24 16:46

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			09/30/24 15:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/24 15:09	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/24 15:09	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/24 15:09	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/24 15:09	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/24 15:09	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/24 15:09	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/24 15:09	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/24 15:09	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/24 15:09	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/24 15:09	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/24 15:09	1
Acrolein	ND		100	17	ug/L			09/30/24 15:09	1
Acrylonitrile	ND		100	1.9	ug/L			09/30/24 15:09	1
Benzene	ND		5.0	0.60	ug/L			09/30/24 15:09	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/24 15:09	1
Bromoform	ND		5.0	0.47	ug/L			09/30/24 15:09	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/24 15:09	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/24 15:09	1
Chlorobenzene	0.81	J	5.0	0.48	ug/L			09/30/24 15:09	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/24 15:09	1
Chloroform	ND		5.0	0.54	ug/L			09/30/24 15:09	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/24 15:09	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/24 15:09	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/24 15:09	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/24 15:09	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/24 15:09	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/24 15:09	1
Toluene	ND		5.0	0.45	ug/L			09/30/24 15:09	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/24 15:09	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/24 15:09	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/24 15:09	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/24 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 130		09/30/24 15:09	1
4-Bromofluorobenzene (Surr)	99		76 - 123		09/30/24 15:09	1
Dibromofluoromethane (Surr)	95		75 - 123		09/30/24 15:09	1
Toluene-d8 (Surr)	99		77 - 120		09/30/24 15:09	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

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			09/30/24 15:33	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/24 15:33	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/24 15:33	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/24 15:33	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/24 15:33	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/24 15:33	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/24 15:33	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/24 15:33	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/24 15:33	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/24 15:33	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/24 15:33	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/24 15:33	1
Acrolein	ND		100	17	ug/L			09/30/24 15:33	1
Acrylonitrile	ND		50	1.9	ug/L			09/30/24 15:33	1
Benzene	ND		5.0	0.60	ug/L			09/30/24 15:33	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/24 15:33	1
Bromoform	ND		5.0	0.47	ug/L			09/30/24 15:33	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/24 15:33	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/24 15:33	1
Chlorobenzene	4.2 J		5.0	0.48	ug/L			09/30/24 15:33	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/24 15:33	1
Chloroform	ND		5.0	0.54	ug/L			09/30/24 15:33	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/24 15:33	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/24 15:33	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/24 15:33	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/24 15:33	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/24 15:33	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/24 15:33	1
Toluene	ND		5.0	0.45	ug/L			09/30/24 15:33	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/24 15:33	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/24 15:33	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/24 15:33	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/24 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		09/30/24 15:33	1
4-Bromofluorobenzene (Surr)	99		76 - 123		09/30/24 15:33	1
Dibromofluoromethane (Surr)	99		75 - 123		09/30/24 15:33	1
Toluene-d8 (Surr)	101		77 - 120		09/30/24 15:33	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		10/02/24 09:12	10/03/24 17:55	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		10/02/24 09:12	10/03/24 17:55	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		10/02/24 09:12	10/03/24 17:55	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		10/02/24 09:12	10/03/24 17:55	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

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		10/02/24 09:12	10/03/24 17:55	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
2-Chloronaphthalene	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 17:55	1
2-Chlorophenol	ND		20	0.66	ug/L		10/02/24 09:12	10/03/24 17:55	1
2-Nitrophenol	ND		20	0.70	ug/L		10/02/24 09:12	10/03/24 17:55	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 17:55	1
4-Nitrophenol	ND		40	1.9	ug/L		10/02/24 09:12	10/03/24 17:55	1
Acenaphthene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 17:55	1
Acenaphthylene	ND		20	0.87	ug/L		10/02/24 09:12	10/03/24 17:55	1
Aniline	ND		40	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Anthracene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzidine	ND		320	54	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[a]anthracene	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[a]pyrene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 17:55	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		10/02/24 09:12	10/03/24 17:55	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		10/02/24 09:12	10/03/24 17:55	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
Chrysene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Diethyl phthalate	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Dimethyl phthalate	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 17:55	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Fluoranthene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
Fluorene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachlorobenzene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachlorobutadiene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		10/02/24 09:12	10/03/24 17:55	1
Hexachloroethane	ND		20	0.60	ug/L		10/02/24 09:12	10/03/24 17:55	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 17:55	1
Isophorone	ND		20	0.74	ug/L		10/02/24 09:12	10/03/24 17:55	1
Naphthalene	ND		20	0.86	ug/L		10/02/24 09:12	10/03/24 17:55	1
Decane	ND		40	1.6	ug/L		10/02/24 09:12	10/03/24 17:55	1
Nitrobenzene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 17:55	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		10/02/24 09:12	10/03/24 17:55	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		10/02/24 09:12	10/03/24 17:55	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		10/02/24 09:12	10/03/24 17:55	1
n-Octadecane	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Pentachlorophenol	ND		40	3.2	ug/L		10/02/24 09:12	10/03/24 17:55	1
Phenanthrene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 17:55	1

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Client Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

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		10/02/24 09:12	10/03/24 17:55	1
Pyrene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 17:55	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	52		52 - 151	10/02/24 09:12	10/03/24 17:55	1
2-Fluorobiphenyl	66		44 - 120	10/02/24 09:12	10/03/24 17:55	1
2-Fluorophenol	47		17 - 120	10/02/24 09:12	10/03/24 17:55	1
Nitrobenzene-d5	59		15 - 314	10/02/24 09:12	10/03/24 17:55	1
Phenol-d5	33		8 - 424	10/02/24 09:12	10/03/24 17:55	1
p-Terphenyl-d14	59		22 - 125	10/02/24 09:12	10/03/24 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1221	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1232	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1242	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1248	ND		0.058	0.037	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1254	ND		0.058	0.030	ug/L		09/30/24 13:14	10/01/24 13:04	1
PCB-1260	ND		0.058	0.030	ug/L		09/30/24 13:14	10/01/24 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		10 - 120	09/30/24 13:14	10/01/24 13:04	1
Tetrachloro-m-xylene	66		10 - 126	09/30/24 13:14	10/01/24 13:04	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		09/30/24 08:02	09/30/24 18:30	1
Copper	0.0046	J	0.010	0.0045	mg/L		09/30/24 08:02	09/30/24 18:30	1
Lead	ND		0.010	0.0039	mg/L		09/30/24 08:02	09/30/24 18:30	1
Nickel	0.0041	J	0.010	0.0034	mg/L		09/30/24 08:02	09/30/24 18:30	1
Zinc	ND		0.010	0.0068	mg/L		09/30/24 08:02	09/30/24 18:30	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/30/24 10:04	09/30/24 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	ND	*+ ^+ F1	0.010	0.0035	mg/L			10/04/24 11:13	1
Cyanide, Amenable (SM 4500 CN G)	0.026		0.010	0.0050	mg/L			10/04/24 17:03	1
Phosphorus (SM 4500 P E)	0.23		0.010	0.0050	mg/L as P			10/01/24 19:46	1
Biochemical Oxygen Demand (SM 5210B)	ND	*+	2.0	2.0	mg/L			09/28/24 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	ND		4.0	4.0	mg/L			09/30/24 09:43	1
pH (SM 4500 H+ B)	8.2	HF	0.1	0.1	SU			09/29/24 14:22	1
Temperature (SM 4500 H+ B)	19.3	HF	0.001	0.001	Degrees C			09/29/24 14:22	1

Eurofins Buffalo

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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)
480-223804-1	BCC BSA SUMP-INFLUENT	101	97	99	99
480-223804-2	TRIP BLANK	98	99	95	99
480-223804-3	BCC BSA SUMP-EFFLUENT	99	99	99	101
LCS 480-726617/6	Lab Control Sample	97	96	101	99
LCS 480-726771/6	Lab Control Sample	99	99	101	99
MB 480-726617/8	Method Blank	99	96	103	101
MB 480-726771/8	Method Blank	101	100	100	100

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)
480-223804-1	BCC BSA SUMP-INFLUENT	73	64	42	53	28	47
480-223804-3	BCC BSA SUMP-EFFLUENT	52	66	47	59	33	59
LCS 480-726825/2-A	Lab Control Sample	71	74	52	63	40	89
LCSD 480-726825/3-A	Lab Control Sample Dup	71	75	55	64	43	82
MB 480-726825/1-A	Method Blank	59	75	49	64	35	83

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	DCBP1 (10-120)	TCX1 (10-126)
480-223804-1	BCC BSA SUMP-INFLUENT	20	52
480-223804-3	BCC BSA SUMP-EFFLUENT	36	66
LCS 480-726627/2-A	Lab Control Sample	44	74
LCSD 480-726627/3-A	Lab Control Sample Dup	42	73
MB 480-726627/1-A	Method Blank	46	77

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726617/8

Matrix: Water

Analysis Batch: 726617

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			09/30/24 13:55	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/24 13:55	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/24 13:55	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/24 13:55	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/24 13:55	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/24 13:55	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/24 13:55	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/24 13:55	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/24 13:55	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/24 13:55	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/24 13:55	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/24 13:55	1
Acrolein	ND		100	17	ug/L			09/30/24 13:55	1
Acrylonitrile	ND		100	1.9	ug/L			09/30/24 13:55	1
Benzene	ND		5.0	0.60	ug/L			09/30/24 13:55	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/24 13:55	1
Bromoform	ND		5.0	0.47	ug/L			09/30/24 13:55	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/24 13:55	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/24 13:55	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/30/24 13:55	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/24 13:55	1
Chloroform	ND		5.0	0.54	ug/L			09/30/24 13:55	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/24 13:55	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/24 13:55	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/24 13:55	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/24 13:55	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/24 13:55	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/24 13:55	1
Toluene	ND		5.0	0.45	ug/L			09/30/24 13:55	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/24 13:55	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/24 13:55	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/24 13:55	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/24 13:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		09/30/24 13:55	1
4-Bromofluorobenzene (Surr)	96		76 - 123		09/30/24 13:55	1
Dibromofluoromethane (Surr)	103		75 - 123		09/30/24 13:55	1
Toluene-d8 (Surr)	101		77 - 120		09/30/24 13:55	1

Lab Sample ID: LCS 480-726617/6

Matrix: Water

Analysis Batch: 726617

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	21.0		ug/L		105	52 - 162
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		103	46 - 157
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	52 - 150

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726617/6

Matrix: Water

Analysis Batch: 726617

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	20.7		ug/L		103	59 - 155
1,1-Dichloroethene	20.0	21.3		ug/L		107	1 - 234
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	18 - 190
1,2-Dichloroethane	20.0	19.6		ug/L		98	49 - 155
1,2-Dichloropropane	20.0	19.8		ug/L		99	1 - 210
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	59 - 156
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	18 - 190
2-Chloroethyl vinyl ether	20.0	18.9	J	ug/L		95	1 - 305
Acrolein	100	96.6	J	ug/L		97	10 - 176
Acrylonitrile	200	184		ug/L		92	54 - 147
Benzene	20.0	20.2		ug/L		101	37 - 151
Bromodichloromethane	20.0	20.0		ug/L		100	35 - 155
Bromoform	20.0	20.8		ug/L		104	45 - 169
Bromomethane	20.0	22.4		ug/L		112	1 - 242
Carbon tetrachloride	20.0	19.5		ug/L		97	70 - 140
Chlorobenzene	20.0	19.9		ug/L		100	37 - 160
Chloroethane	20.0	22.1		ug/L		110	14 - 230
Chloroform	20.0	19.9		ug/L		100	51 - 138
Chloromethane	20.0	19.0		ug/L		95	1 - 273
cis-1,3-Dichloropropene	20.0	19.9		ug/L		100	1 - 227
Dibromochloromethane	20.0	20.2		ug/L		101	53 - 149
Ethylbenzene	20.0	20.0		ug/L		100	37 - 162
Methylene Chloride	20.0	20.8		ug/L		104	1 - 221
Tetrachloroethene	20.0	20.4		ug/L		102	64 - 148
Toluene	20.0	20.3		ug/L		101	47 - 150
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	17 - 183
Trichloroethene	20.0	20.1		ug/L		100	71 - 157
Trichlorofluoromethane	20.0	23.5		ug/L		118	17 - 181
Vinyl chloride	20.0	22.7		ug/L		113	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		68 - 130
4-Bromofluorobenzene (Surr)	96		76 - 123
Dibromofluoromethane (Surr)	101		75 - 123
Toluene-d8 (Surr)	99		77 - 120

Lab Sample ID: MB 480-726771/8

Matrix: Water

Analysis Batch: 726771

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			10/01/24 19:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/01/24 19:50	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/01/24 19:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/01/24 19:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/01/24 19:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/01/24 19:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/01/24 19:50	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726771/8

Matrix: Water

Analysis Batch: 726771

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/01/24 19:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/01/24 19:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/01/24 19:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/01/24 19:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/01/24 19:50	1
Acrolein	ND		100	17	ug/L			10/01/24 19:50	1
Acrylonitrile	ND		50	1.9	ug/L			10/01/24 19:50	1
Benzene	ND		5.0	0.60	ug/L			10/01/24 19:50	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/01/24 19:50	1
Bromoform	ND		5.0	0.47	ug/L			10/01/24 19:50	1
Bromomethane	ND		5.0	1.2	ug/L			10/01/24 19:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/01/24 19:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/01/24 19:50	1
Chloroethane	ND		5.0	0.87	ug/L			10/01/24 19:50	1
Chloroform	ND		5.0	0.54	ug/L			10/01/24 19:50	1
Chloromethane	ND		5.0	0.64	ug/L			10/01/24 19:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/01/24 19:50	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/01/24 19:50	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/01/24 19:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/01/24 19:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/01/24 19:50	1
Toluene	ND		5.0	0.45	ug/L			10/01/24 19:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/01/24 19:50	1
Trichloroethene	ND		5.0	0.60	ug/L			10/01/24 19:50	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/01/24 19:50	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/01/24 19:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		10/01/24 19:50	1
4-Bromofluorobenzene (Surr)	100		76 - 123		10/01/24 19:50	1
Dibromofluoromethane (Surr)	100		75 - 123		10/01/24 19:50	1
Toluene-d8 (Surr)	100		77 - 120		10/01/24 19:50	1

Lab Sample ID: LCS 480-726771/6

Matrix: Water

Analysis Batch: 726771

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
1,1,1,2-Tetrachloroethane	20.0	20.3		ug/L		101	46 - 157
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	52 - 150
1,1-Dichloroethane	20.0	20.2		ug/L		101	59 - 155
1,1-Dichloroethene	20.0	20.2		ug/L		101	1 - 234
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	18 - 190
1,2-Dichloroethane	20.0	19.6		ug/L		98	49 - 155
1,2-Dichloropropane	20.0	20.0		ug/L		100	1 - 210
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	59 - 156
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	18 - 190

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726771/6

Matrix: Water

Analysis Batch: 726771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloroethyl vinyl ether	20.0	20.3	J	ug/L		102	1 - 305
Acrolein	100	112		ug/L		112	10 - 176
Acrylonitrile	200	199		ug/L		100	54 - 147
Benzene	20.0	20.1		ug/L		101	37 - 151
Bromodichloromethane	20.0	20.9		ug/L		104	35 - 155
Bromoform	20.0	23.5		ug/L		118	45 - 169
Bromomethane	20.0	20.5		ug/L		103	1 - 242
Carbon tetrachloride	20.0	21.3		ug/L		107	70 - 140
Chlorobenzene	20.0	20.0		ug/L		100	37 - 160
Chloroethane	20.0	21.0		ug/L		105	14 - 230
Chloroform	20.0	20.1		ug/L		100	51 - 138
Chloromethane	20.0	21.7		ug/L		108	1 - 273
cis-1,3-Dichloropropene	20.0	21.0		ug/L		105	1 - 227
Dibromochloromethane	20.0	21.9		ug/L		110	53 - 149
Ethylbenzene	20.0	20.1		ug/L		100	37 - 162
Methylene Chloride	20.0	20.1		ug/L		100	1 - 221
Tetrachloroethene	20.0	20.3		ug/L		102	64 - 148
Toluene	20.0	19.9		ug/L		100	47 - 150
trans-1,3-Dichloropropene	20.0	21.1		ug/L		106	17 - 183
Trichloroethene	20.0	20.1		ug/L		101	71 - 157
Trichlorofluoromethane	20.0	23.6		ug/L		118	17 - 181
Vinyl chloride	20.0	22.8		ug/L		114	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Dibromofluoromethane (Surr)	101		75 - 123
Toluene-d8 (Surr)	99		77 - 120

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

Lab Sample ID: MB 480-726825/1-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		10/02/24 09:12	10/03/24 16:05	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
2-Chloronaphthalene	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 16:05	1
2-Chlorophenol	ND		20	0.66	ug/L		10/02/24 09:12	10/03/24 16:05	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726825/1-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		20	0.70	ug/L		10/02/24 09:12	10/03/24 16:05	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 16:05	1
4-Nitrophenol	ND		40	1.9	ug/L		10/02/24 09:12	10/03/24 16:05	1
Acenaphthene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 16:05	1
Acenaphthylene	ND		20	0.87	ug/L		10/02/24 09:12	10/03/24 16:05	1
Aniline	ND		40	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Anthracene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzidine	ND		320	54	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[a]anthracene	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[a]pyrene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		10/02/24 09:12	10/03/24 16:05	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		10/02/24 09:12	10/03/24 16:05	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		10/02/24 09:12	10/03/24 16:05	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
Chrysene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Diethyl phthalate	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Dimethyl phthalate	ND		20	0.91	ug/L		10/02/24 09:12	10/03/24 16:05	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Fluoranthene	ND		20	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
Fluorene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachlorobenzene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachlorobutadiene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		10/02/24 09:12	10/03/24 16:05	1
Hexachloroethane	ND		20	0.60	ug/L		10/02/24 09:12	10/03/24 16:05	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		10/02/24 09:12	10/03/24 16:05	1
Isophorone	ND		20	0.74	ug/L		10/02/24 09:12	10/03/24 16:05	1
Naphthalene	ND		20	0.86	ug/L		10/02/24 09:12	10/03/24 16:05	1
Decane	ND		40	1.6	ug/L		10/02/24 09:12	10/03/24 16:05	1
Nitrobenzene	ND		20	0.81	ug/L		10/02/24 09:12	10/03/24 16:05	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		10/02/24 09:12	10/03/24 16:05	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		10/02/24 09:12	10/03/24 16:05	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		10/02/24 09:12	10/03/24 16:05	1
n-Octadecane	ND		40	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Pentachlorophenol	ND		40	3.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Phenanthrene	ND		20	1.2	ug/L		10/02/24 09:12	10/03/24 16:05	1
Phenol	ND		20	0.35	ug/L		10/02/24 09:12	10/03/24 16:05	1
Pyrene	ND		20	1.4	ug/L		10/02/24 09:12	10/03/24 16:05	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		10/02/24 09:12	10/03/24 16:05	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726825/1-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726825

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	59		52 - 151	10/02/24 09:12	10/03/24 16:05	1
2-Fluorobiphenyl	75		44 - 120	10/02/24 09:12	10/03/24 16:05	1
2-Fluorophenol	49		17 - 120	10/02/24 09:12	10/03/24 16:05	1
Nitrobenzene-d5	64		15 - 314	10/02/24 09:12	10/03/24 16:05	1
Phenol-d5	35		8 - 424	10/02/24 09:12	10/03/24 16:05	1
p-Terphenyl-d14	83		22 - 125	10/02/24 09:12	10/03/24 16:05	1

Lab Sample ID: LCS 480-726825/2-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	25.0	J	ug/L		78	44 - 142
1,2-Dichlorobenzene	32.0	22.3	J	ug/L		70	32 - 129
1,3-Dichlorobenzene	32.0	22.1	J	ug/L		69	1 - 172
1,4-Dichlorobenzene	32.0	22.2	J	ug/L		69	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	18.1	J	ug/L		56	36 - 166
2,4,6-Trichlorophenol	32.0	25.2		ug/L		79	37 - 144
2,4-Dichlorophenol	32.0	24.9		ug/L		78	39 - 135
2,4-Dimethylphenol	32.0	23.5		ug/L		73	32 - 120
2,4-Dinitrophenol	64.0	50.4		ug/L		79	1 - 191
2,4-Dinitrotoluene	32.0	29.8		ug/L		93	39 - 139
2-Chloronaphthalene	32.0	23.4		ug/L		73	60 - 120
2-Chlorophenol	32.0	21.1		ug/L		66	23 - 134
2-Nitrophenol	32.0	25.4		ug/L		79	29 - 182
3,3'-Dichlorobenzidine	32.0	28.8		ug/L		90	1 - 262
4,6-Dinitro-2-methylphenol	64.0	51.8		ug/L		81	1 - 181
4-Bromophenyl phenyl ether	32.0	27.5		ug/L		86	53 - 127
4-Chloro-3-methylphenol	32.0	25.9		ug/L		81	22 - 147
4-Chlorophenyl phenyl ether	32.0	27.2		ug/L		85	25 - 158
4-Nitrophenol	64.0	41.0		ug/L		64	1 - 132
Acenaphthene	32.0	23.9		ug/L		75	47 - 145
Acenaphthylene	32.0	26.0		ug/L		81	33 - 145
Aniline	32.0	15.7	J	ug/L		49	40 - 120
Anthracene	32.0	28.2		ug/L		88	27 - 133
Benzo[a]anthracene	32.0	32.2		ug/L		100	33 - 143
Benzo[a]pyrene	32.0	31.8		ug/L		99	17 - 163
Benzo[b]fluoranthene	32.0	31.6		ug/L		99	24 - 159
Benzo[g,h,i]perylene	32.0	31.4		ug/L		98	1 - 219
Benzo[k]fluoranthene	32.0	34.2		ug/L		107	11 - 162
Bis(2-chloroethoxy)methane	32.0	23.9		ug/L		75	33 - 184
Bis(2-chloroethyl)ether	32.0	23.4		ug/L		73	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	29.0	J	ug/L		91	8 - 158
Butyl benzyl phthalate	32.0	29.8		ug/L		93	1 - 152
Chrysene	32.0	32.4		ug/L		101	17 - 168
Dibenz(a,h)anthracene	32.0	32.1		ug/L		100	1 - 227
Diethyl phthalate	32.0	26.8		ug/L		84	1 - 120
Dimethyl phthalate	32.0	27.8		ug/L		87	1 - 120

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726825/2-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	32.0	27.1		ug/L		85	1 - 120
Di-n-octyl phthalate	32.0	29.1		ug/L		91	4 - 146
Fluoranthene	32.0	31.4		ug/L		98	26 - 137
Fluorene	32.0	26.0		ug/L		81	59 - 121
Hexachlorobenzene	32.0	25.1		ug/L		79	1 - 152
Hexachlorocyclopentadiene	32.0	14.3	J	ug/L		45	5 - 120
Hexachloroethane	32.0	20.9		ug/L		65	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.6		ug/L		99	1 - 171
Isophorone	32.0	24.2		ug/L		76	21 - 196
Naphthalene	32.0	24.1		ug/L		75	21 - 133
Nitrobenzene	32.0	23.2		ug/L		73	35 - 180
N-Nitrosodi-n-propylamine	32.0	22.2		ug/L		69	1 - 230
N-Nitrosodiphenylamine	32.0	26.1		ug/L		81	54 - 125
Pentachlorophenol	64.0	45.8		ug/L		72	14 - 176
Phenanthrene	32.0	28.1		ug/L		88	54 - 120
Phenol	32.0	13.4	J	ug/L		42	5 - 120
Pyrene	32.0	33.6		ug/L		105	52 - 120
2,6-Dinitrotoluene	32.0	28.0		ug/L		88	50 - 158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	71		52 - 151
2-Fluorobiphenyl	74		44 - 120
2-Fluorophenol	52		17 - 120
Nitrobenzene-d5	63		15 - 314
Phenol-d5	40		8 - 424
p-Terphenyl-d14	89		22 - 125

Lab Sample ID: LCSD 480-726825/3-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	25.6	J	ug/L		80	44 - 142	2	34
1,2-Dichlorobenzene	32.0	24.5	J	ug/L		76	32 - 129	9	38
1,3-Dichlorobenzene	32.0	24.3	J	ug/L		76	1 - 172	9	37
1,4-Dichlorobenzene	32.0	24.0	J	ug/L		75	20 - 124	8	40
2,2'-oxybis[1-chloropropane]	32.0	20.4		ug/L		64	36 - 166	12	36
2,4,6-Trichlorophenol	32.0	25.0		ug/L		78	37 - 144	1	20
2,4-Dichlorophenol	32.0	24.6		ug/L		77	39 - 135	1	23
2,4-Dimethylphenol	32.0	23.5		ug/L		73	32 - 120	0	18
2,4-Dinitrophenol	64.0	45.5		ug/L		71	1 - 191	10	29
2,4-Dinitrotoluene	32.0	28.0		ug/L		87	39 - 139	6	20
2-Chloronaphthalene	32.0	23.9		ug/L		75	60 - 120	2	30
2-Chlorophenol	32.0	23.1		ug/L		72	23 - 134	9	26
2-Nitrophenol	32.0	26.6		ug/L		83	29 - 182	5	28
3,3'-Dichlorobenzidine	32.0	26.6		ug/L		83	1 - 262	8	31
4,6-Dinitro-2-methylphenol	64.0	47.2		ug/L		74	1 - 181	9	30
4-Bromophenyl phenyl ether	32.0	28.2		ug/L		88	53 - 127	2	16

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCSD 480-726825/3-A

Matrix: Water

Analysis Batch: 726979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	32.0	25.6		ug/L		80	22 - 147	1	16
4-Chlorophenyl phenyl ether	32.0	25.7		ug/L		80	25 - 158	6	15
4-Nitrophenol	64.0	36.9	J	ug/L		58	1 - 132	11	24
Acenaphthene	32.0	22.8		ug/L		71	47 - 145	4	25
Acenaphthylene	32.0	25.8		ug/L		81	33 - 145	1	22
Aniline	32.0	16.8	J	ug/L		52	40 - 120	7	30
Anthracene	32.0	28.3		ug/L		89	27 - 133	0	15
Benzo[a]anthracene	32.0	29.8		ug/L		93	33 - 143	7	15
Benzo[a]pyrene	32.0	28.3		ug/L		88	17 - 163	12	15
Benzo[b]fluoranthene	32.0	27.8		ug/L		87	24 - 159	13	17
Benzo[g,h,i]perylene	32.0	28.3		ug/L		88	1 - 219	10	19
Benzo[k]fluoranthene	32.0	30.0		ug/L		94	11 - 162	13	19
Bis(2-chloroethoxy)methane	32.0	24.5		ug/L		77	33 - 184	3	23
Bis(2-chloroethyl)ether	32.0	23.8		ug/L		74	12 - 158	2	33
Bis(2-ethylhexyl) phthalate	32.0	26.6	J	ug/L		83	8 - 158	9	15
Butyl benzyl phthalate	32.0	27.8		ug/L		87	1 - 152	7	15
Chrysene	32.0	29.5		ug/L		92	17 - 168	9	15
Dibenz(a,h)anthracene	32.0	27.7		ug/L		87	1 - 227	15	18
Diethyl phthalate	32.0	23.2		ug/L		72	1 - 120	14	15
Dimethyl phthalate	32.0	26.8		ug/L		84	1 - 120	4	15
Di-n-butyl phthalate	32.0	24.8		ug/L		77	1 - 120	9	15
Di-n-octyl phthalate	32.0	26.7		ug/L		83	4 - 146	8	15
Fluoranthene	32.0	29.7		ug/L		93	26 - 137	5	15
Fluorene	32.0	24.9		ug/L		78	59 - 121	5	18
Hexachlorobenzene	32.0	26.0		ug/L		81	1 - 152	3	15
Hexachlorocyclopentadiene	32.0	15.6	J	ug/L		49	5 - 120	9	50
Hexachloroethane	32.0	22.7		ug/L		71	40 - 120	9	43
Indeno[1,2,3-cd]pyrene	32.0	28.0		ug/L		88	1 - 171	12	17
Isophorone	32.0	24.5		ug/L		77	21 - 196	1	21
Naphthalene	32.0	25.3		ug/L		79	21 - 133	5	31
Nitrobenzene	32.0	23.0		ug/L		72	35 - 180	1	27
N-Nitrosodi-n-propylamine	32.0	22.9		ug/L		72	1 - 230	3	23
N-Nitrosodiphenylamine	32.0	26.9		ug/L		84	54 - 125	3	15
Pentachlorophenol	64.0	43.3		ug/L		68	14 - 176	6	21
Phenanthrene	32.0	27.4		ug/L		86	54 - 120	2	16
Phenol	32.0	14.3	J	ug/L		45	5 - 120	6	36
Pyrene	32.0	30.2		ug/L		94	52 - 120	11	15
2,6-Dinitrotoluene	32.0	27.9		ug/L		87	50 - 158	0	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	71		52 - 151
2-Fluorobiphenyl	75		44 - 120
2-Fluorophenol	55		17 - 120
Nitrobenzene-d5	64		15 - 314
Phenol-d5	43		8 - 424
p-Terphenyl-d14	82		22 - 125

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: MB 480-726627/1-A

Matrix: Water

Analysis Batch: 726696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1221	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1232	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1242	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1248	ND		0.060	0.038	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1254	ND		0.060	0.031	ug/L		09/30/24 13:14	10/01/24 11:33	1
PCB-1260	ND		0.060	0.031	ug/L		09/30/24 13:14	10/01/24 11:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		10 - 120				09/30/24 13:14	10/01/24 11:33	1
Tetrachloro-m-xylene	77		10 - 126				09/30/24 13:14	10/01/24 11:33	1

Lab Sample ID: LCS 480-726627/2-A

Matrix: Water

Analysis Batch: 726696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	0.944		ug/L		94	69 - 123
PCB-1260	1.00	0.899		ug/L		90	69 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	44		10 - 120				
Tetrachloro-m-xylene	74		10 - 126				

Lab Sample ID: LCSD 480-726627/3-A

Matrix: Water

Analysis Batch: 726696

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726627

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	1.00	0.953		ug/L		95	69 - 123	1	30
PCB-1260	1.00	0.871		ug/L		87	69 - 120	3	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	42		10 - 120						
Tetrachloro-m-xylene	73		10 - 126						

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-726527/1-A

Matrix: Water

Analysis Batch: 726688

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726527

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		09/30/24 08:02	09/30/24 18:25	1
Copper	ND		0.010	0.0045	mg/L		09/30/24 08:02	09/30/24 18:25	1
Lead	ND		0.010	0.0039	mg/L		09/30/24 08:02	09/30/24 18:25	1
Nickel	ND		0.010	0.0034	mg/L		09/30/24 08:02	09/30/24 18:25	1
Zinc	0.0151		0.010	0.0068	mg/L		09/30/24 08:02	09/30/24 18:25	1

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: LCS 480-726527/2-A

Matrix: Water

Analysis Batch: 726688

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.512		mg/L		102	85 - 115
Copper	0.500	0.502		mg/L		100	85 - 115
Lead	0.500	0.491		mg/L		98	85 - 115
Nickel	0.500	0.521		mg/L		104	85 - 115
Zinc	0.500	0.553		mg/L		111	85 - 115

Lab Sample ID: 480-223804-3 MS

Matrix: Water

Analysis Batch: 726688

Client Sample ID: BCC BSA SUMP-EFFLUENT

Prep Type: Total/NA

Prep Batch: 726527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	ND		0.500	0.504		mg/L		101	70 - 130
Copper	0.0046	J	0.500	0.535		mg/L		106	70 - 130
Lead	ND		0.500	0.503		mg/L		101	70 - 130
Nickel	0.0041	J	0.500	0.520		mg/L		103	70 - 130
Zinc	ND		0.500	0.537		mg/L		107	70 - 130

Lab Sample ID: 480-223804-3 MSD

Matrix: Water

Analysis Batch: 726688

Client Sample ID: BCC BSA SUMP-EFFLUENT

Prep Type: Total/NA

Prep Batch: 726527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	ND		0.500	0.507		mg/L		101	70 - 130	0	20
Copper	0.0046	J	0.500	0.538		mg/L		107	70 - 130	1	20
Lead	ND		0.500	0.502		mg/L		100	70 - 130	0	20
Nickel	0.0041	J	0.500	0.532		mg/L		106	70 - 130	2	20
Zinc	ND		0.500	0.538		mg/L		108	70 - 130	0	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-726564/1-A

Matrix: Water

Analysis Batch: 726644

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 726564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/30/24 10:04	09/30/24 13:26	1

Lab Sample ID: LCS 480-726564/2-A

Matrix: Water

Analysis Batch: 726644

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 726564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00690		mg/L		103	85 - 115

Lab Sample ID: LCSD 480-726564/3-A

Matrix: Water

Analysis Batch: 726644

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 726564

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00669	0.00618		mg/L		92	85 - 115	11	20

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QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-727121/46

Matrix: Water

Analysis Batch: 727121

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			10/04/24 10:12	1

Lab Sample ID: LCS 480-727121/47

Matrix: Water

Analysis Batch: 727121

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	0.113	*+ ^+	mg/L		113	90 - 110

Lab Sample ID: 480-223804-3 MS

Matrix: Water

Analysis Batch: 727121

Client Sample ID: BCC BSA SUMP-EFFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	ND	*+ ^+ F1	0.100	0.138	F1 ^+	mg/L		138	90 - 110

Lab Sample ID: MB 480-727147/8

Matrix: Water

Analysis Batch: 727147

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			10/04/24 13:35	1

Lab Sample ID: LCS 480-727147/9

Matrix: Water

Analysis Batch: 727147

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	0.0977		mg/L		98	90 - 110

Lab Sample ID: 480-223804-1 DU

Matrix: Water

Analysis Batch: 727147

Client Sample ID: BCC BSA SUMP-INFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Phenolics, Total Recoverable	0.021		0.0205		mg/L		3	20

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

Lab Sample ID: MB 480-726588/1

Matrix: Water

Analysis Batch: 726588

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			09/30/24 09:43	1

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: LCS 480-726588/2
Matrix: Water
Analysis Batch: 726588

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	252	246.8		mg/L		98	88 - 110

Lab Sample ID: 480-223804-3 DU
Matrix: Water
Analysis Batch: 726588

Client Sample ID: BCC BSA SUMP-EFFLUENT
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	ND		ND		mg/L		NC	10

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-726543/1
Matrix: Water
Analysis Batch: 726543

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 480-726788/3
Matrix: Water
Analysis Batch: 726788

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			10/01/24 19:46	1

Lab Sample ID: LCS 480-726788/4
Matrix: Water
Analysis Batch: 726788

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

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

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-726525/1
Matrix: Water
Analysis Batch: 726525

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			09/28/24 14:15	1

Lab Sample ID: LCS 480-726525/2
Matrix: Water
Analysis Batch: 726525

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	200	246.7	*+	mg/L		124	85 - 115

Eurofins Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Lab Sample ID: 480-223804-3 DU
Matrix: Water
Analysis Batch: 726525

Client Sample ID: BCC BSA SUMP-EFFLUENT
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

Lab Sample ID: USB 480-727052/1
Matrix: Water
Analysis Batch: 727052

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			10/03/24 13:15	1

Lab Sample ID: LCS 480-727052/2
Matrix: Water
Analysis Batch: 727052

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	186.6		mg/L		94	85 - 115

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

GC/MS VOA

Analysis Batch: 726617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-2	TRIP BLANK	Total/NA	Water	624.1	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	624.1	
MB 480-726617/8	Method Blank	Total/NA	Water	624.1	
LCS 480-726617/6	Lab Control Sample	Total/NA	Water	624.1	

Analysis Batch: 726771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	624.1	
MB 480-726771/8	Method Blank	Total/NA	Water	624.1	
LCS 480-726771/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 726825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	625	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	625	
MB 480-726825/1-A	Method Blank	Total/NA	Water	625	
LCS 480-726825/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-726825/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 726979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	625.1	726825
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	625.1	726825
MB 480-726825/1-A	Method Blank	Total/NA	Water	625.1	726825
LCS 480-726825/2-A	Lab Control Sample	Total/NA	Water	625.1	726825
LCSD 480-726825/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	726825

GC Semi VOA

Prep Batch: 726627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	3510C	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	3510C	
MB 480-726627/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-726627/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-726627/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 726696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	608.3	726627
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	608.3	726627
MB 480-726627/1-A	Method Blank	Total/NA	Water	608.3	726627
LCS 480-726627/2-A	Lab Control Sample	Total/NA	Water	608.3	726627
LCSD 480-726627/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	726627

Metals

Prep Batch: 726527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	200.7	

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QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Metals (Continued)

Prep Batch: 726527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7	
MB 480-726527/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-726527/2-A	Lab Control Sample	Total/NA	Water	200.7	
480-223804-3 MS	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7	
480-223804-3 MSD	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7	

Prep Batch: 726564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	245.1	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	245.1	
MB 480-726564/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-726564/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 480-726564/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	

Analysis Batch: 726644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	245.1	726564
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	245.1	726564
MB 480-726564/1-A	Method Blank	Total/NA	Water	245.1	726564
LCS 480-726564/2-A	Lab Control Sample	Total/NA	Water	245.1	726564
LCSD 480-726564/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	726564

Analysis Batch: 726688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	200.7 Rev 4.4	726527
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7 Rev 4.4	726527
MB 480-726527/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	726527
LCS 480-726527/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	726527
480-223804-3 MS	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7 Rev 4.4	726527
480-223804-3 MSD	BCC BSA SUMP-EFFLUENT	Total/NA	Water	200.7 Rev 4.4	726527

General Chemistry

Analysis Batch: 726525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 5210B	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 5210B	
USB 480-726525/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-726525/2	Lab Control Sample	Total/NA	Water	SM 5210B	
480-223804-3 DU	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 5210B	

Analysis Batch: 726543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 4500 H+ B	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 480-726543/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 726588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 2540D	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 2540D	

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QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

General Chemistry (Continued)

Analysis Batch: 726588 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-726588/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-726588/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-223804-3 DU	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 2540D	

Analysis Batch: 726788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 4500 P E	
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 4500 P E	
MB 480-726788/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-726788/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 727052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 5210B	
USB 480-727052/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-727052/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 727121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	420.4	
MB 480-727121/46	Method Blank	Total/NA	Water	420.4	
LCS 480-727121/47	Lab Control Sample	Total/NA	Water	420.4	
480-223804-3 MS	BCC BSA SUMP-EFFLUENT	Total/NA	Water	420.4	

Analysis Batch: 727147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	420.4	
MB 480-727147/8	Method Blank	Total/NA	Water	420.4	
LCS 480-727147/9	Lab Control Sample	Total/NA	Water	420.4	
480-223804-1 DU	BCC BSA SUMP-INFLUENT	Total/NA	Water	420.4	

Analysis Batch: 727250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-3	BCC BSA SUMP-EFFLUENT	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 727251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223804-1	BCC BSA SUMP-INFLUENT	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-INFLUENT

Lab Sample ID: 480-223804-1

Date Collected: 09/27/24 12:05

Matrix: Water

Date Received: 09/28/24 16:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		40	726771	AXK	EET BUF	10/01/24 20:14
Total/NA	Prep	625			726825	JMP	EET BUF	10/02/24 09:12
Total/NA	Analysis	625.1		5	726979	AF	EET BUF	10/03/24 17:28
Total/NA	Prep	3510C			726627	LSC	EET BUF	09/30/24 13:14
Total/NA	Analysis	608.3		1	726696	DSC	EET BUF	10/01/24 12:46
Total/NA	Prep	200.7			726527	ET	EET BUF	09/30/24 08:02
Total/NA	Analysis	200.7 Rev 4.4		1	726688	BMB	EET BUF	09/30/24 18:29
Total/NA	Prep	245.1			726564	ESB	EET BUF	09/30/24 10:04
Total/NA	Analysis	245.1		1	726644	ESB	EET BUF	09/30/24 13:58
Total/NA	Analysis	420.4		1	727147	CLT	EET BUF	10/04/24 13:50
Total/NA	Analysis	SM 2540D		1	726588	AB	EET BUF	09/30/24 09:43
Total/NA	Analysis	SM 4500 CN G		1	727251	DLG	EET BUF	10/05/24 17:30
Total/NA	Analysis	SM 4500 H+ B		1	726543	KB	EET BUF	09/29/24 14:20
Total/NA	Analysis	SM 4500 P E		1	726788	GW	EET BUF	10/01/24 19:46
Total/NA	Analysis	SM 5210B		1	726525	CG	EET BUF	09/28/24 14:15
Total/NA	Analysis	SM 5210B		1	727052	KO	EET BUF	10/03/24 13:15

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-223804-2

Date Collected: 09/27/24 00:00

Matrix: Water

Date Received: 09/28/24 16:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	726617	AXK	EET BUF	09/30/24 15:09

Client Sample ID: BCC BSA SUMP-EFFLUENT

Lab Sample ID: 480-223804-3

Date Collected: 09/27/24 12:00

Matrix: Water

Date Received: 09/28/24 16:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	726617	AXK	EET BUF	09/30/24 15:33
Total/NA	Prep	625			726825	JMP	EET BUF	10/02/24 09:12
Total/NA	Analysis	625.1		1	726979	AF	EET BUF	10/03/24 17:55
Total/NA	Prep	3510C			726627	LSC	EET BUF	09/30/24 13:14
Total/NA	Analysis	608.3		1	726696	DSC	EET BUF	10/01/24 13:04
Total/NA	Prep	200.7			726527	ET	EET BUF	09/30/24 08:02
Total/NA	Analysis	200.7 Rev 4.4		1	726688	BMB	EET BUF	09/30/24 18:30
Total/NA	Prep	245.1			726564	ESB	EET BUF	09/30/24 10:04
Total/NA	Analysis	245.1		1	726644	ESB	EET BUF	09/30/24 13:59
Total/NA	Analysis	420.4		1	727121	CLT	EET BUF	10/04/24 11:13
Total/NA	Analysis	SM 2540D		1	726588	AB	EET BUF	09/30/24 09:43
Total/NA	Analysis	SM 4500 CN G		1	727250	DLG	EET BUF	10/04/24 17:03
Total/NA	Analysis	SM 4500 H+ B		1	726543	KB	EET BUF	09/29/24 14:22
Total/NA	Analysis	SM 4500 P E		1	726788	GW	EET BUF	10/01/24 19:46

Eurofins Buffalo

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Client Sample ID: BCC BSA SUMP-EFFLUENT
Date Collected: 09/27/24 12:00
Date Received: 09/28/24 16:46

Lab Sample ID: 480-223804-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5210B		1	726525	CG	EET BUF	09/28/24 14:15

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

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Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
245.1	245.1	Water	Mercury
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: 480-223804-1

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: 480-223804-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223804-1	BCC BSA SUMP-INFLUENT	Water	09/27/24 12:05	09/28/24 16:46
480-223804-2	TRIP BLANK	Water	09/27/24 00:00	09/28/24 16:46
480-223804-3	BCC BSA SUMP-EFFLUENT	Water	09/27/24 12:00	09/28/24 16:46

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Quarterly BSA SUMP

Job ID: 480-223804-1

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

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-223804-1

Login Number: 223804

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	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ATTACHMENT F – GAC REACTIVIATION BILL OF LADINGS



CARBON ACTIVATED CORPORATION

Invoice

CORPORATE OFFICE

2250 SOUTH CENTRAL AVENUE
COMPTON, CA 90220
TEL (310) 885-4555
FAX (310) 885-4558
E-mail: info@activatedcarbon.com

EAST COAST BRANCH

3774 HOOVER ROAD
BLADELL, NY 14219
TEL: (716) 677-6661
FAX: (716) 677-6663
E-mail: carbonactivated@earthlink.net

CANADA DIVISION

P.O. BOX 193
JARVIS STREET
FORT ERIE, ONTARIO, L2A 5M9 CANADA
TEL: (905) 993-2646
FAX: (905) 994-8341
E-mail: nyinfo@activatedcarbon.com

DATE	INVOICE #
4/23/2024	21161

BILL TO:

ONTARIO SPECIALITY CONTRACTING INC.
140 LEE STREET
BUFFALO, NY 14210

SHIP TO:

FORMER BUFFALO COLOR SITE
1037 SOUTH PARK AVE
BUFFALO
NY

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
66869	Net 30	JOHN	4/22/2024	CAC	INC	

QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT
10	134-CF	NATURAL STONE 1/8 x 1/16 IN CU.FT. BAGS	22.25	222.50T
4	143	COURSE GARNET FILTER MEDIA	45.00	180.00T
4	143	FINE GARNET FILTER MEDIA	46.50	186.00T
7	137-CF	SAND 0.45MM -0.55MM IN CU.FT BAGS	24.50	171.50T
7	139-CF	0.85MM -0.95MM ANTHRACITE	32.75	229.25T
1	321	REMOVAL AND REPLACEMENT OF MIXED MEDIA FROM 1 FILTER	2,750.00	2,750.00



Quality
Endorsed
Company
ISO 9001:2008
Certified



Certified



World's Finest Quality - Ready to Ship NOW!

TOTAL \$3,739.25

ANY UNPAID BALANCE AFTER 30 DAYS WILL INCUR A SERVICE CHARGE 2% PER MONTH.
ANY COLLECTION COSTS INCLUDING ATTORNEY'S FEES WILL BE ADDED TO INVOICE.

We Accept
MASTERCARD • VISA • AMERICAN EXPRESS AND DISCOVER

FM 7.5.1-11, Rev. A

Handwritten: 21161-21
acc Sales tax
327.18

Ontario Specialty Contracting, Inc.
140 Lee Street, Buffalo, New York 14210
(716) 856-3333 FAX (716) 842-1630

Job No.: 1608 16011

66869

03/11/24

~~Carbon Activated~~

Buffalo Color

n: _____

BLANKET P.O.? YES NO	Quantity	Unit Price	Total Price
NOT TO EXCEED AMOUNT			

Requested by

Approved by

PINK - LEAVE IN PAD



Carbon Activated Corporation

Activated Carbon and Related Services

New York Office
3774 Hoover Road
Blasdell, NY 14219

Tel: (716) 821 7830
Fax: (716) 821 0790
Email: nyinfo@activatedcarbon.com

Quote# 023-071JA			
Ship To Address Former Buffalo Color Site 1037 South Park Ave Buffalo NY Tel: 7165746936 Fax: Email: kcolligan@oscinc.com		CUSTOMER	OSC INC
		Freight Contact Ship From Ship Via Date Valid For Terms	Prepay/Add Kirsten Colligan Buffalo NY CAC 3/13/2024 90 Days Net 30 Days

Qty.(cu.ft)	Unit Price	Description	Line Item Total
10	\$22.25	1/8x1/16 Gravel	\$222.50
4	\$45.00	Course Garnet Filter Media	\$180.00
4	\$46.50	Fine Garnet Filter Media	\$186.00
7	\$24.50	.45-.55mm Filter Sand	\$171.50
7	\$32.75	.85 - .95mm Anthracite	\$229.25
1	\$2,750.00	Removal and Replacement of Mixed Media from 1 Filter	\$2,750.00
		Spent Media to be left on site for disposal by others.	
		OSC to Provide of Forklift	
Total Price			\$3,739

Carbon Activated Corp

3774 Hoover Rd. Blasdell, NY 14219

Filter Exchange

☒ Carbon Change

☐ Carbon Repair

☐ Miscellaneous

Work Order #:

Start Date: 04/19/2024 End Date: 04/19/2024

Plant & Vessel Information

Name of Plant and address:

Buffalo Color Water Treatment

1037 South Park Ave
Buffalo NY 14210

Location of Vessel:

Site Contact:

Taylor Kunzelman 716-480-3282

Equipment:

Existing Conditions

Type of Existing Carbon:

Filter Backwashed: Yes: No:

Removal Method:

Volume of Carbon Removed:

Conditions of Bed:

Level to top of Carbon before Removal:

Level After removal of GAC:

Condition of Filter:

Dimensions of Filter: Width: Length:

New Carbon Installed

Type of Carbon used:

Lot Number:

Volume of Carbon:

Level Of Carbon after installation:

Filter Backwashed: Yes: No:

Placement Method:

Comments:

Repair Work:

7 bags
5 bags
5 bags
10 bags

Plant Supervisor/Designee

Print Name

Taylor A. Kunzelman

Signature

Taylor A. Kunzelman

Date

4/19/24

Contractor's Representative

Mark McLaughlin

[Signature]

4/19/24

BILL OF LADING



PRO#: 770655306905

SHIPPER

Carbon Enterprises Incorporated
28205 Scippo Creek Road
Circleville, OH, 43113, USA
Erick Madison (800)344-5770
erick@cefiltration.com

CONSIGNEE

Carbon Activated
3774 Hoover Road
Buffalo, NY, 14219, USA
John Allen (716)983-0576



Carrier
Saia LTL Freight

Pickup date
03/27/2024

Carrier PRO#: 770655306905

Bill Of Lading#
30398 F

PO#
OSC - Buffalo Color

QUOTE #: 289583472

Freight Charge Terms

☒ Prepaid ☐ Collect ☐ Third Party

PICKUP REMARKS

Ready from 2:00 PM to 4:00 PM

PICKUP REMARKS												
Ready from 2:00 PM to 4:00 PM												
Handling Unit		Package		HM	Commodity Description	Weight*	Freight Class	NMFC#	Dimensions			Stack-able
Type	QT Y	Type	QT						L	W	H	
Pallet	1		20		20 (50lb) Bags 1/8 x 1/16 Gravel (10cuft)	1,075	50	90160	48	48	48	
			11		11 (50lb) Bags 8 x 12 Garnet (4cuft)	550	50	90160				
			10		10 (50lb) Bags 30 x 40 Garnet (4cuft)	500	50	90220				
			14		14 (50lb) Bags 0.45 - 0.55mm Sand (7cuft)	700	50	90220				
			7		7cuft Bags .85 - .95mm Anthracite	350	50	49977				
Shipment Total Weight						3175 lbs	Density	49.6 PCF	Cube 64			FT ³
Total H/U	1	Total Pkg		62								
Number of handling units stated. Do not multiply weight by number of handling units.												

* Weights are total for number of handling units stated. Do not multiply weight by number of handling units.

THIS SHIPMENT HAS A PREASSIGNED PRO# and BARCODE
DO NOT APPLY PRO STICKER

Shipper signature/date

§172.204 This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Signature *Erick Madison*

Date 3/27/24

Trailer Loaded:

☐ By Shipper
☐ By Driver

H/U Count:

Freight Counted:

☐ By Shipper
☐ By Driver / Pallets said to contain
☐ By Driver / Pieces

Piece Count:

Carrier signature/date

Carrier acknowledges receipt of packages and required placards / Carriers certifies emergency response information was made available and / or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle.



Signature

Date



NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B)

ATTACHMENT G – PHOTOLOG





Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area D
Photo No. 1		
Direction Photo Taken: Looking northwest		
Description: Area D Cover System		
Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area D
Photo No. 2		
Direction Photo Taken: Looking south		
Description: Area D Cover System and river view.		



Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area D
Photo No. 3		
Direction Photo Taken: Looking northeast		
Description: Area D shoreline		
Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area D
Photo No. 4		
Direction Photo Taken: Looking southwest		
Description: Area D extraction well		



Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area D
Photo No. 5		
Direction Photo Taken: Looking south		
Description: Area D shoreline		
Client Name: SBD	PRR Reporting Period – 2023-2024	Project: Buffalo Color Corporation Site Area D
Photo No. 6		
Direction Photo Taken:		
Description: A groundhog burrow that was filled with gravel.		



ATTACHMENT H – UPGRADED GWTF LAYOUT



Civil Construction Notes:

- Install grating between building fans and outside louvers.
- Foil back insulation on walls and ceiling.
- Door color to be: White
- Roof & Barn Doors to be painted: White
- Exterior Walls to be painted: White
- Interior Floor to be: Marine Grade Plywood
- Interior floor to be painted: Gator Guard Applied
- Exterior floor to be insulated with 3" of Spray Foam.

Mechanical Notes:

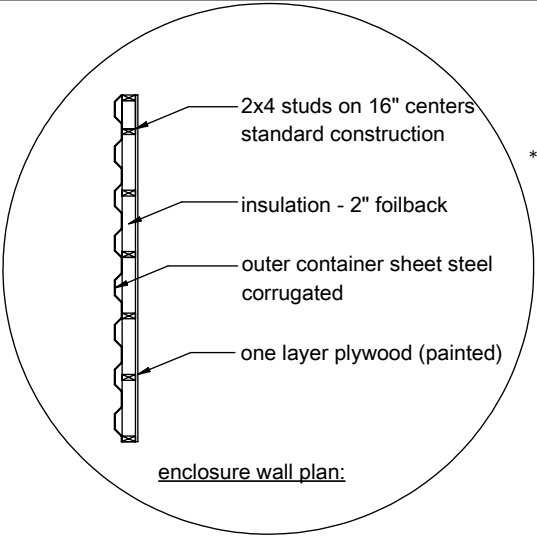
- Locate cooling thermostat in the warmest location at ceiling level.
- Plug and seal (with washers) any holes in the floor to contain water spills.
- Maximum width for shipping is 102". This includes all connections that protrude through the sides of the enclosure.

Commissioning Notes:

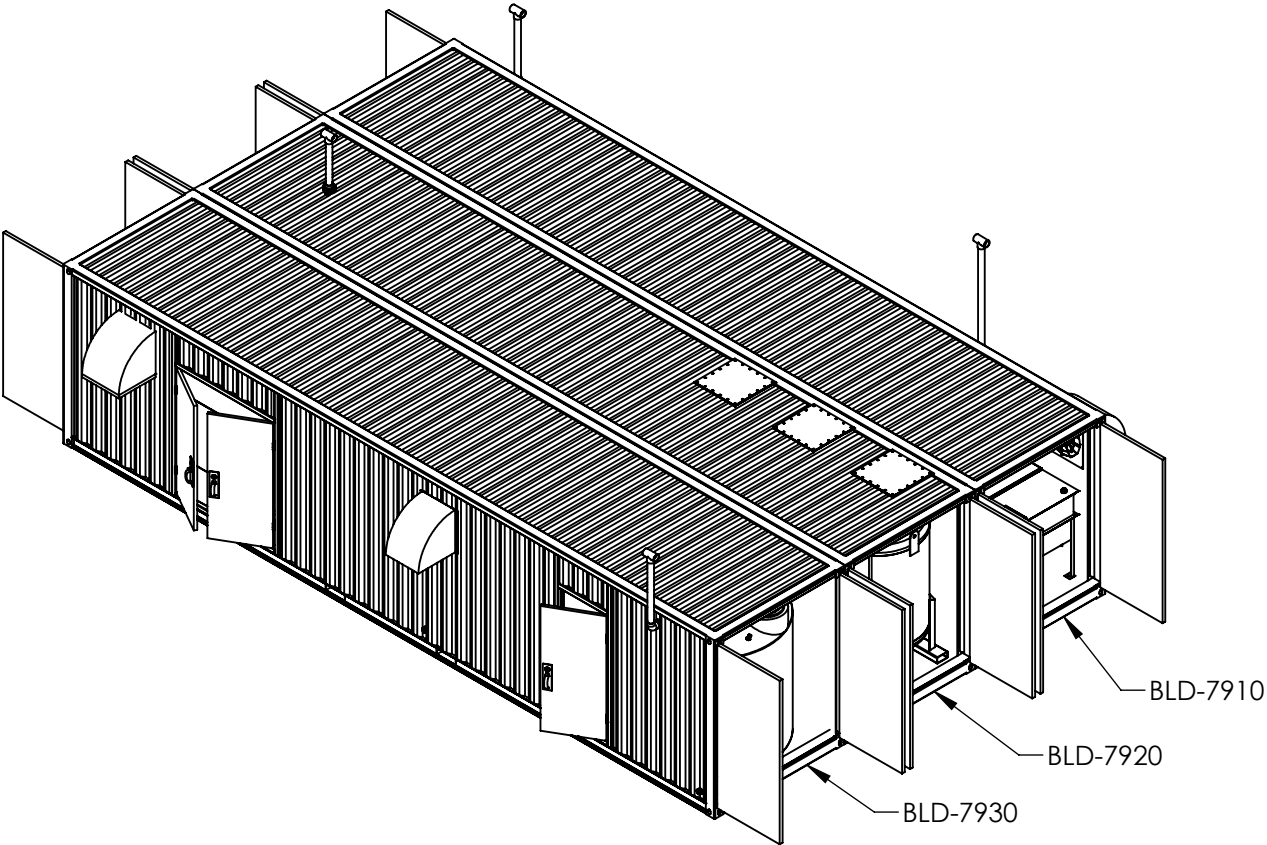
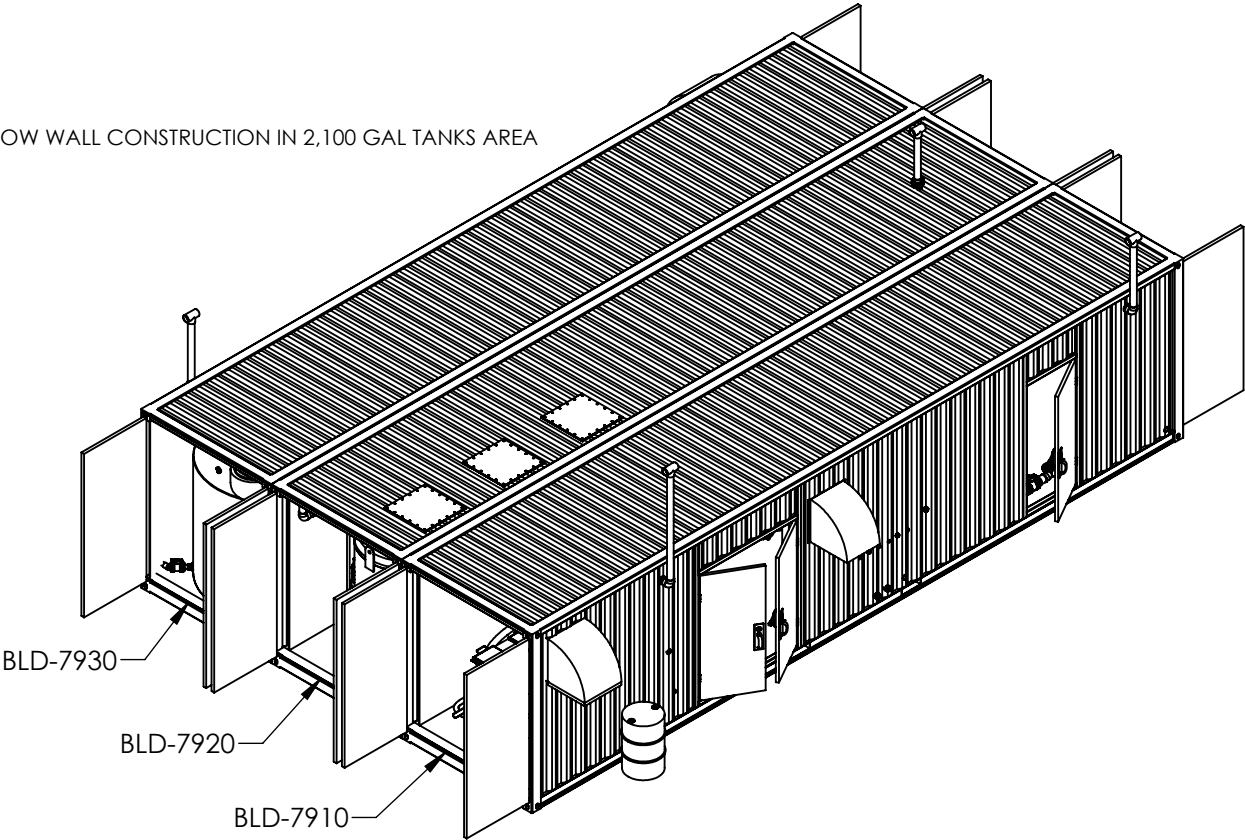
- Fan and louver hoods need to be installed on site. System cannot ship with hoods attached.
- Some flow meters meters will be shipped with the unions in the process piping loosened to ensure meters are not damaged during shipment.
- Buildings need to be shimmed on site with ½"t x 3"w steel flat bar to allow doors to open freely. Please have shimming material ready during building installation.
- newterra recommends pad be at least 12" larger than enclosure in all directions.
- Local codes may require alternate dimensions.

newterra Standard System Labels:

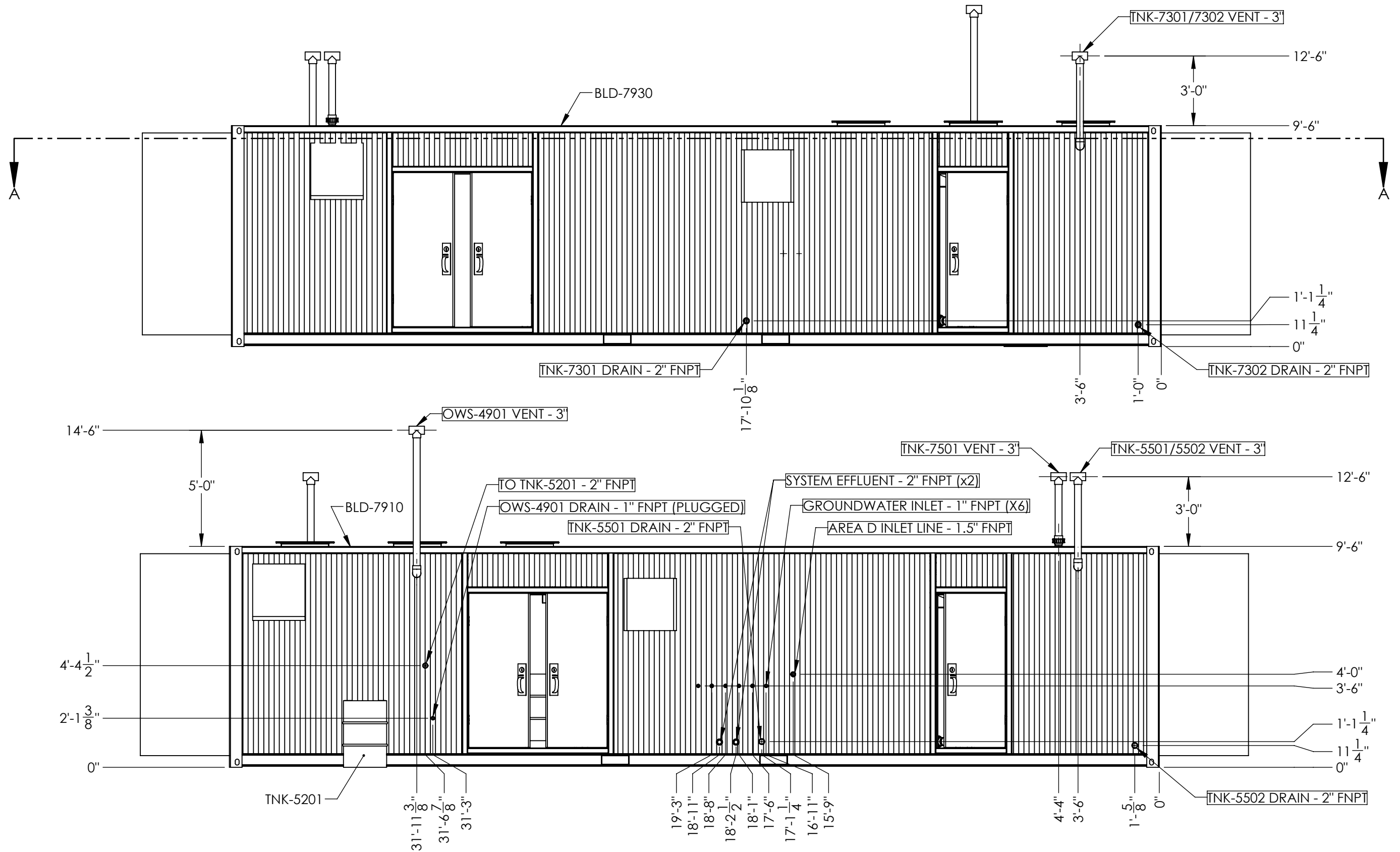
- Flow direction labels
- Air line labels
- Water line labels
- Air/water line labels
- Hot surface label (lines >= 140 degf)
- Hearing protection labels
- Warning label: This machine is automatically controlled
- Arc flash warning labe



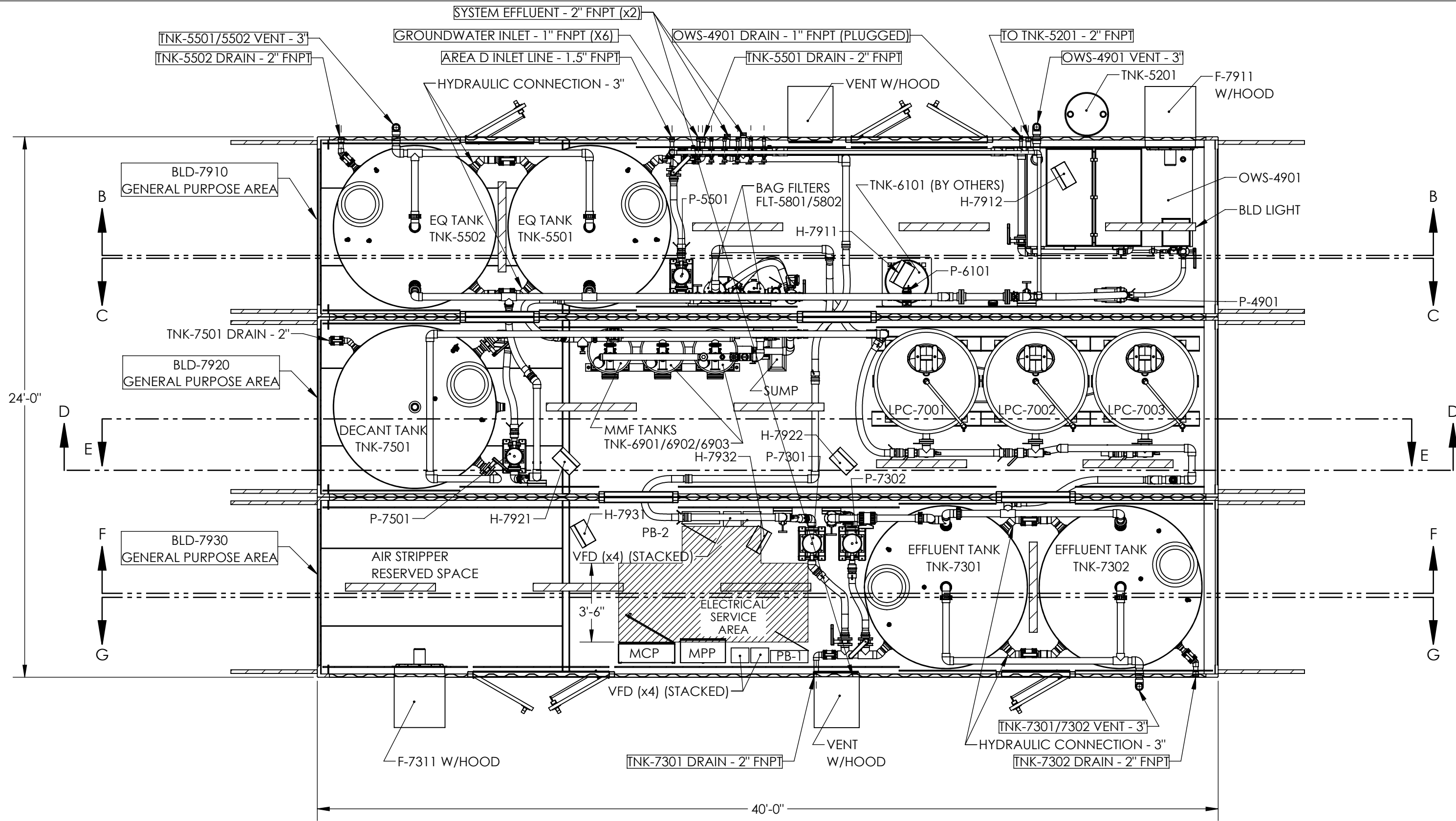
* NARROW WALL CONSTRUCTION IN 2,100 GAL TANKS AREA



		STATUS					DRAWING TITLE:		DRAWING NUMBER:	
		As Built					System Layout Drawing			
		LEVEL:	REVISED BY:	REVISED ON:	APPROVED BY:	APPROVED ON:	PROJECT TITLE:		PROJECT NUMBER:	
		C-01	DG	07-10-2024			Buffalo, NY GWTS		2302971	
THIS INFORMATION IS THE PROPERTY OF NEWTERRA AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF NEWTERRA.							CUSTOMER:		DRAWN BY:	
							OSC Inc		OM	
									DATE:	
									Nov 10, 2023	
									SHEET 1 OF 6	



STATUS					DRAWING TITLE:		DRAWING NUMBER:
As Built					System Layout Drawing		
LEVEL: C-01	REVISED BY: DG	REVISED ON: 07-10-2024	APPROVED BY:	APPROVED ON:	PROJECT TITLE:		PROJECT NUMBER:
					Buffalo, NY GWTS		2302971
THIS INFORMATION IS THE PROPERTY OF NEWTERRA AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF NEWTERRA.					CUSTOMER: OSC Inc		DRAWN BY:
							OM
							DATE: Nov 10, 2023
							SHEET 2 OF 6

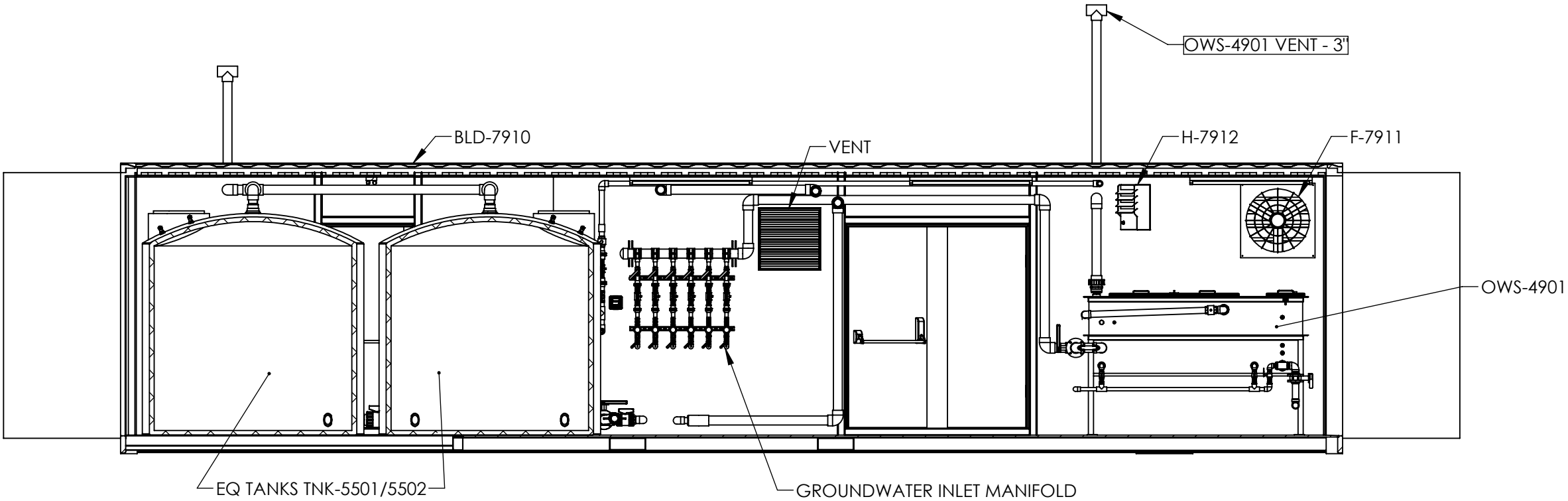


SECTION A-A

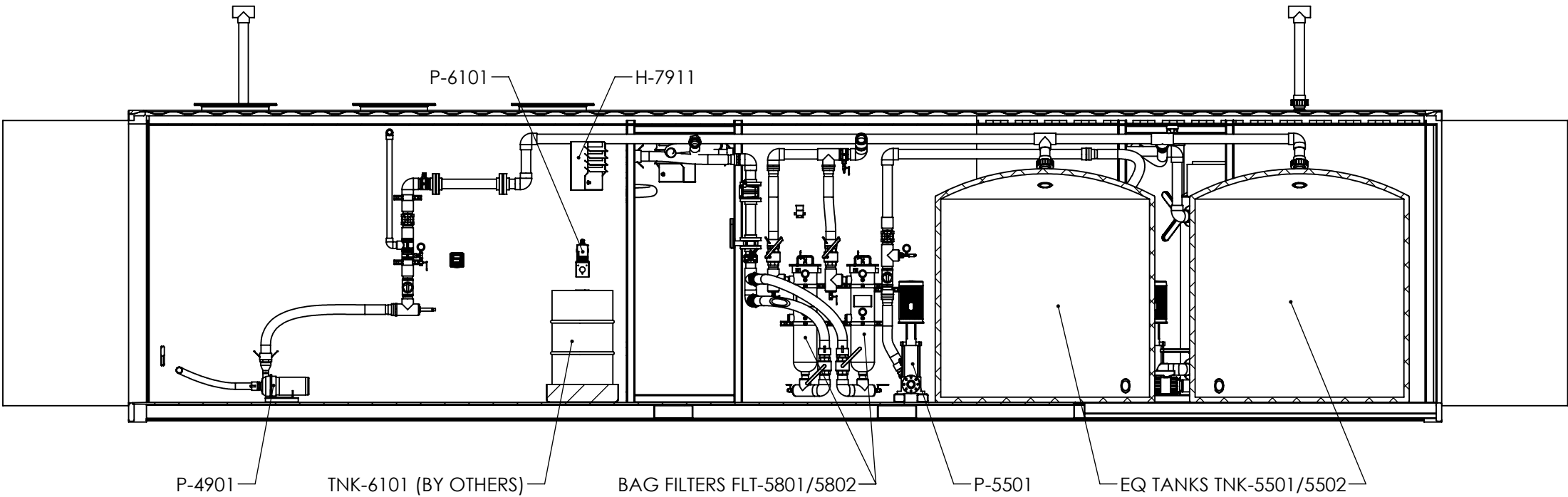


STATUS				
As Built				
LEVEL: C-01	REVISED BY: DG	REVISED ON: 07-10-2024	APPROVED BY:	APPROVED ON:
THIS INFORMATION IS THE PROPERTY OF NEWTERRA AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF NEWTERRA.				

DRAWING TITLE: System Layout Drawing		DRAWING NUMBER:	
PROJECT TITLE: Buffalo, NY GWTS		PROJECT NUMBER: 2302971	
CUSTOMER: OSC Inc		DRAWN BY: OM	
		DATE: Nov 10, 2023	
		SHEET 3 OF 6	

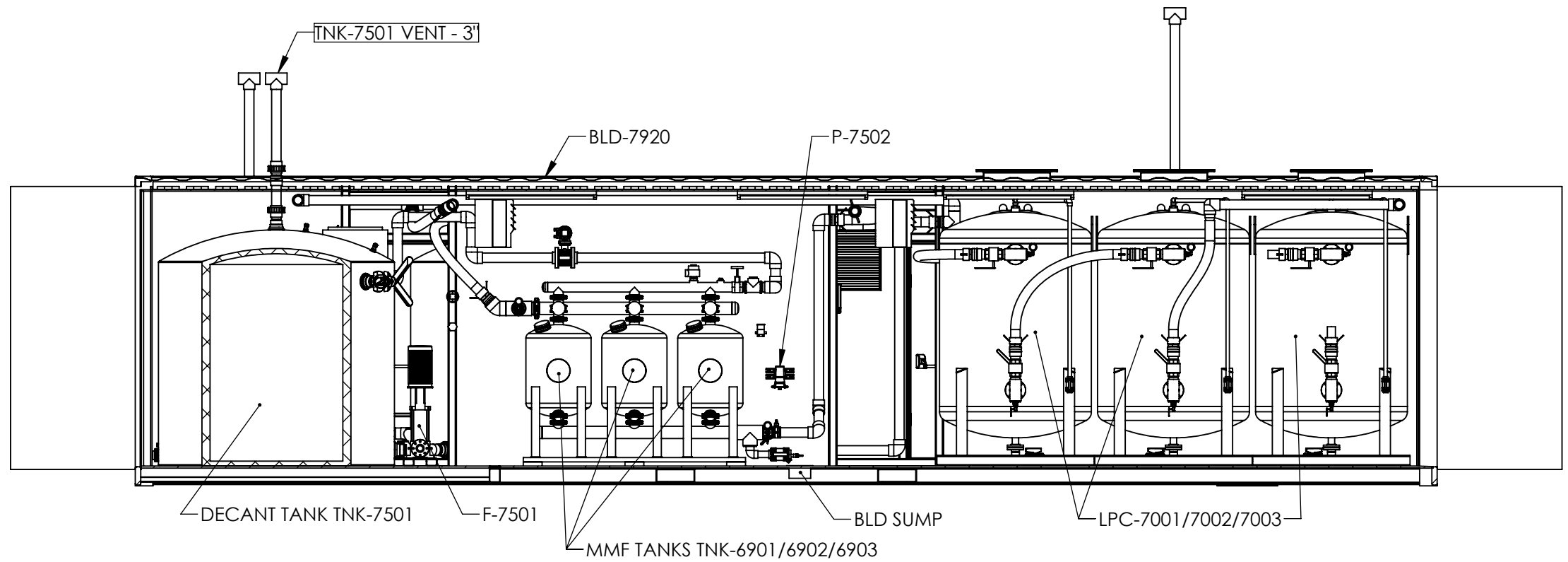


SECTION B-B

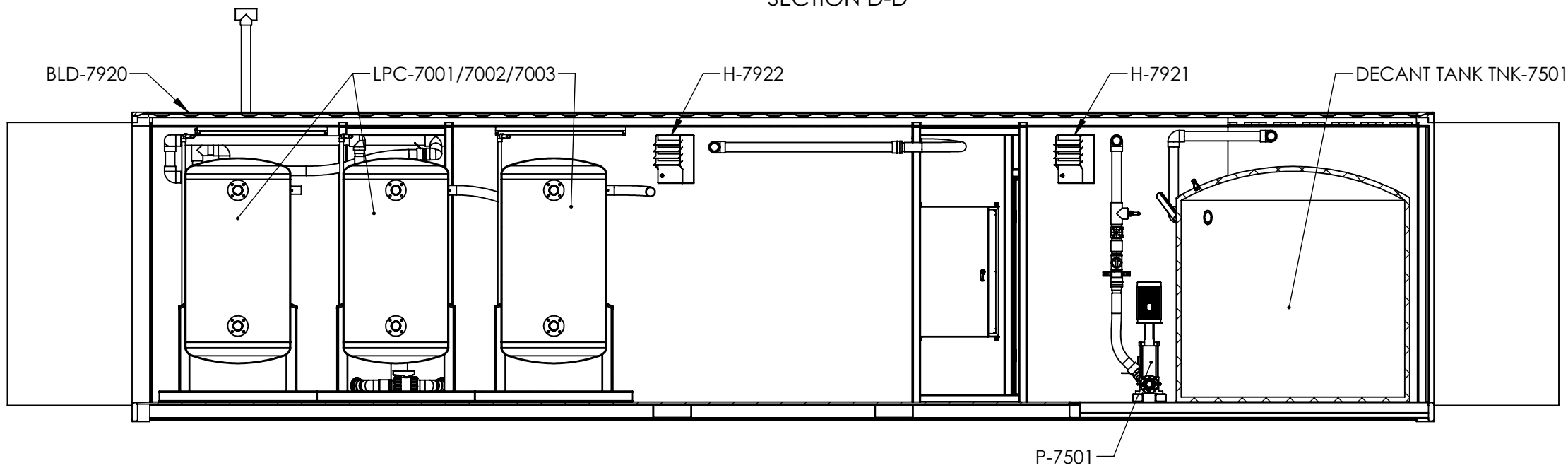


SECTION C-C
(ROTATED 180°)

	STATUS					DRAWING TITLE:		DRAWING NUMBER:	
	As Built					System Layout Drawing			
	LEVEL:	REVISED BY:	REVISED ON:	APPROVED BY:	APPROVED ON:	PROJECT TITLE:		PROJECT NUMBER:	
	C-01	DG	07-10-2024			Buffalo, NY GWTS		2302971	
	THIS INFORMATION IS THE PROPERTY OF NEWTERRA AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF NEWTERRA.					CUSTOMER:		DRAWN BY:	
					OSC Inc		OM		
							DATE:		
							Nov 10, 2023		
							SHEET 4 OF 6		

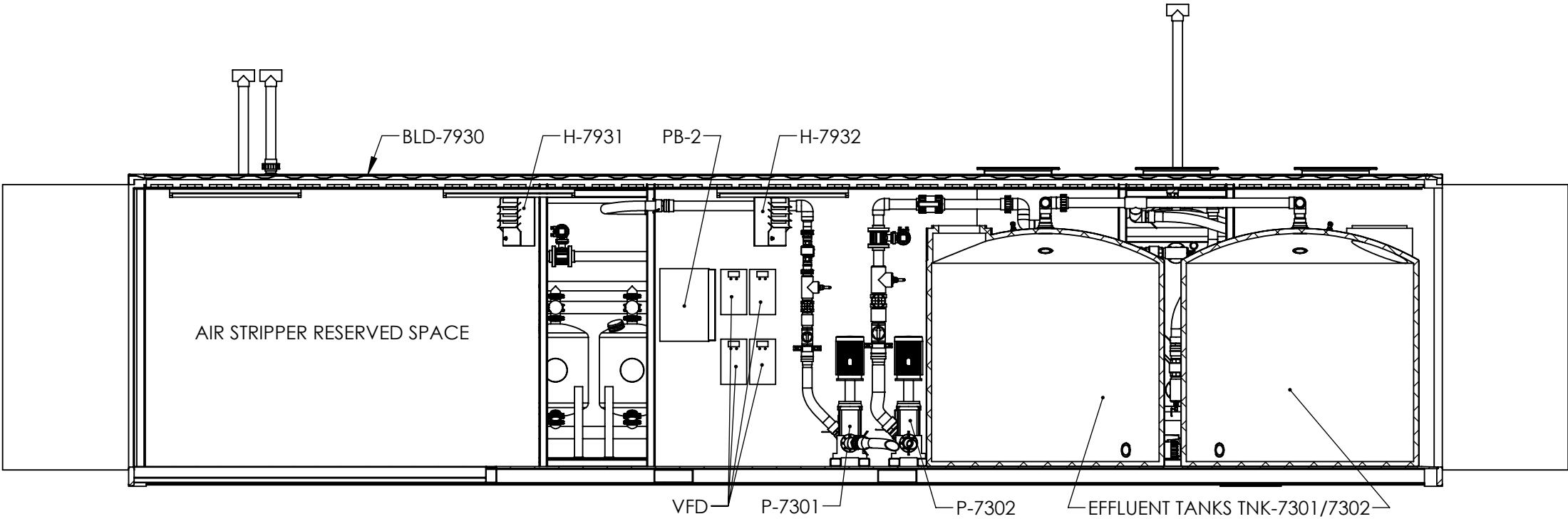


SECTION D-D

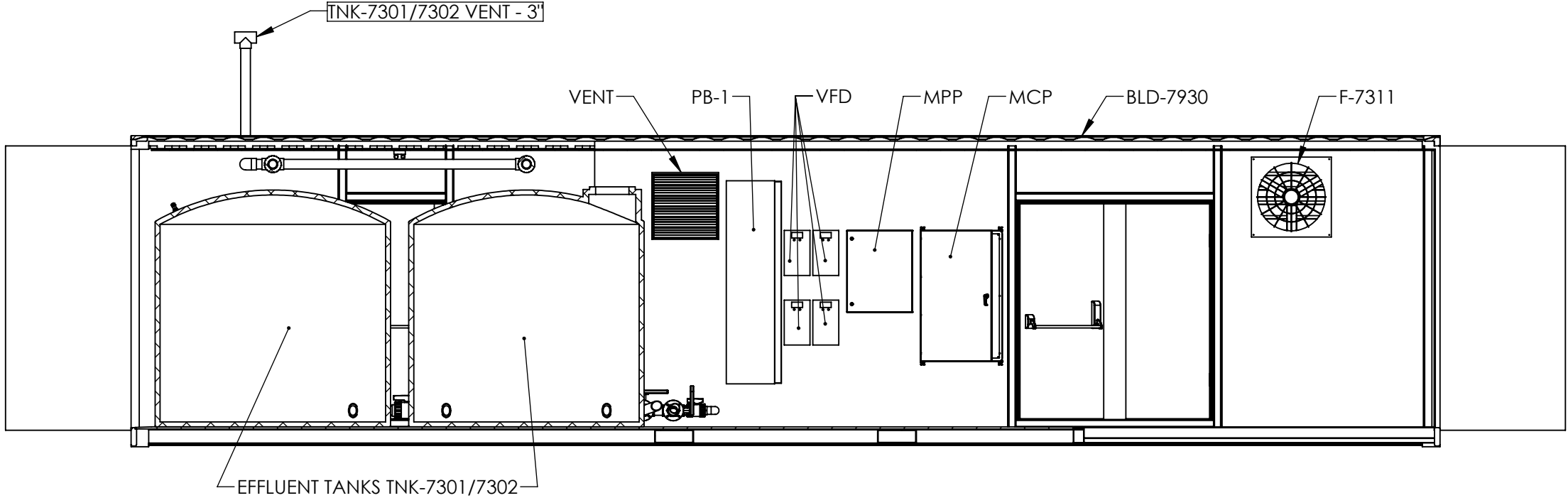


SECTION E-E
(ROTATED 180°)

		STATUS					DRAWING TITLE: System Layout Drawing		DRAWING NUMBER:	
		As Built					PROJECT TITLE: Buffalo, NY GWTS		PROJECT NUMBER: 2302971	
		LEVEL: C-01	REVISED BY: DG	REVISED ON: 07-10-2024	APPROVED BY:	APPROVED ON:	CUSTOMER: OSC Inc		DRAWN BY: OM	
		THIS INFORMATION IS THE PROPERTY OF NEWTERRA AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF NEWTERRA.							DATE: Nov 10, 2023	
									SHEET 5 OF 6	



SECTION F-F



SECTION G-G
(ROTATED 180°)

	STATUS					DRAWING TITLE:		DRAWING NUMBER:	
	As Built					System Layout Drawing			
	LEVEL:	REVISED BY:	REVISED ON:	APPROVED BY:	APPROVED ON:	PROJECT TITLE:		PROJECT NUMBER:	
	C-01	DG	07-10-2024			Buffalo, NY GWTS		2302971	
	THIS INFORMATION IS THE PROPERTY OF NEWTERRA AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF NEWTERRA.					CUSTOMER:		DRAWN BY:	
OSC Inc						OM			
						DATE:			
							Nov 10, 2023		
							SHEET 6 OF 6		

ATTACHMENT I – IMPORT REQUESTS





**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that passes a size 100 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Coarse aggregate utilized as backfill for woodchug holes within cover system on Area D. Material originally imported and approved for use by NYSDEC as bedding stone for Area A GWTF upgrades.

No sampling required.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

OSC-Vendor

Location where fill was obtained:

HOLCIM

Identification of any state or local approvals as a fill source:

NYSDOT Section 703-02 Coarse Aggregate

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Gradation attached

The information provided on this form is accurate and complete.

Todd Waldrop

Digitally signed by Todd Waldrop
DN: cn=Todd Waldrop, c=US, ou=Inventum
Engineering,
email=todd.waldrop@inventumeng.com
Date: 2024.08.05 15:54:27 -0400

08/05/2024

Signature

Date

Todd Waldrop

Print Name

Inventum Engineering, P.C.

Firm



David Youngblood
400 Hinman Rd.
Lockport, NY 14094
571-752-1111 (cell)
david.youngblood@holcim.com

1/11/24

Att:
Re:
Email:

To whom it may concern:

This is to certify that the material being supplied to the above project conforms to the outlined NYSDOT requirements for Section 703-02 Coarse Aggregate, ASTM C136 and C117 Below is a gradation for NYSDOT 1A stone

Location: Lockport
Material Type: 1A Stone

Source No. 5-5R
Test No. 21AR087

Sieve Size	Weight	% Retained	% Passing	Specification
1/2"	0.0	0.0	100.0	100
3/8"	0.0	0.0	100.0	
1/4"	804.2	8.9	91.1	90-100
#4	3776.8	41.8	49.3	
1/8"	3316.0	36.7	12.6	0-15
#8	451.8	5.0	7.6	
#16	406.6	4.5	3.1	
pan	280.1	3.1		
Total	9035.4			

Sincerely,

A handwritten signature in black ink, appearing to read 'David Youngblood'.

David Youngblood
Quality Control Manager
Holcim Aggregates and Asphalt